

OZARK SPECIAL ROAD DISTRICT

905 N RIVERSIDE RD OZARK, MO 65721

REQUEST FOR BID DOCUMENTS

ROADWAY STRIPING
WINTER 2024

TO BID ON THIS PROJECT, ALL BIDDERS MUST CONTACT DERRICK ESTELL, AT TOTH AND ASSOCIATES, IN ORDER TO BE PLACED ON THE PLAN HOLDER LIST.

DERRICK ESTELL, P.E.

<u>DESTELL@TOTHASSOCIATES.COM</u>
417.888.0645



1550 E. REPUBLIC ROAD SPRINGFIELD, MO 65804 417.888.0645 TOTHASSOCIATES.COM

SECTION INDEX

Description

Invitation to Bid

Instructions to Bidders

Bidder's Qualifications

Bid Form

Bid Schedule

Bid Bond

Agreement Between Owner and Contractor

Notice of Award

Notice to Proceed

Performance Bond

Payment Bond

One Year Guarantee

Prevailing Wage Law

Prevailing Wage Law Affidavit

Annual Wage Order

Application for Payment

Request for Interpretation

Field Order

Work Change Directive

Change Order Form

Lien Waiver

Release by Claimants Missouri Project Exemption Certificate

Certificate of Completion

Standard General Conditions

Supplementary Conditions

Technical Specifications

INVITATION TO BID

Sealed bids for the *Road Striping 2024* project, located at various streets in Christian County, Missouri, will be received by Ozark Special Road District until <u>2:00 PM CST, Monday, April 1, 2024</u>, at the Conference Room in the Ozark Special Road District Road Barn, located at 905 N. Riverside, Ozark, MO, 65721. Mailed bids sent via USPS should be addressed to P.O. Box 688, Ozark, MO, 65721.

Bids will be publicly opened and read aloud. Interested parties are invited to attend.

Bidding documents may be obtained from Toth and Associates, Inc., 1550 E. Republic Road, Springfield, Missouri 65804 (417-888-0645). Toth and Associates will send interested bidders the bidding documents via email to the address provided by the bidder. Interested bidders may also pick up paper copies of the bidding documents at the address above.

Project Description:

This project will consist of a base bid and three alternate bids. The base bid consists of striping various roadways throughout OSRD's jurisdiction detailed below. The alternate bids each consist of an additional section of roadway to be striped.

Questions regarding this information may be directed to:

Derrick Estell, P.E. Toth and Associates, Inc. 1550 E. Republic Road Springfield, Missouri 65804 destell@tothassociates.com (417) 888-0645

It shall be mandatory for each contractor to pay the current prevailing hourly rate of wages as set forth in the Wage Determination Orders of the Department of Labor and Industrial Relations of Missouri for Christian County, Missouri. Please reference the Contract Documents for additional information.

The City hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, businesses owned and controlled by socially and economically disadvantaged individuals 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, religion, creed, sex, age, ancestry or national origin in consideration for an award.

INSTRUCTIONS TO BIDDERS

TABLE OF CONTENTS

	Page
ARTICLE 1 – Defined Terms	1
ARTICLE 2 – Copies of Bidding Documents	1
ARTICLE 3 – Qualifications of Bidders	1
ARTICLE 4 – Site and Other Areas; Existing Site Conditions; Examination of Site; Owner's Safety Program; Other Work at the Site	
ARTICLE 5 – Bidder's Representations	3
ARTICLE 6 – Interpretations and Addenda	4
ARTICLE 7 – Bid Security	4
ARTICLE 8 – Contract Times	5
ARTICLE 9 – Liquidated Damages	5
ARTICLE 10 – Substitute and "Or-Equal" Items	5
ARTICLE 11 – Subcontractors, Suppliers, and Others	5
ARTICLE 12 – Preparation of Bid	6
ARTICLE 13 – Basis of Bid	6
ARTICLE 14 – Submittal of Bid	7
ARTICLE 15 – Modification and Withdrawal of Bid	7
ARTICLE 16 – Opening of Bids	8
ARTICLE 17 – Bids to Remain Subject to Acceptance	8
ARTICLE 18 – Evaluation of Bids and Award of Contract	8
ARTICLE 19 – Bonds and Insurance	9
ARTICLE 20 – Signing of Agreement	9
ARTICLE 21 – Sales and Use Taxes	9
ARTICLE 22 – Prevailing Wage Rates	9

ARTICLE 1 – DEFINED TERMS

- 1.01 Terms used in these Instructions to Bidders have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below:
 - A. *Issuing Office* The office from which the Bidding Documents are to be issued.

ARTICLE 2 – COPIES OF BIDDING DOCUMENTS

- 2.01 Complete sets of the Bidding Documents may be obtained from the Issuing Office in the number and format stated in the advertisement or invitation to bid.
- 2.02 Complete sets of Bidding Documents shall be used in preparing Bids; neither Owner nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents. Portions of paper Bidding and Contract Documents may be printed on both sides of a page.
- 2.03 Owner and Engineer, in making copies of Bidding Documents available on the above terms, do so only for the purpose of obtaining Bids for the Work and do not authorize or confer a license for any other use.
- 2.04 All bidders must be on the Engineer's plan holder list to be eligible to bid on the project.

ARTICLE 3 – QUALIFICATIONS OF BIDDERS

- 3.01 To demonstrate Bidder's qualifications to perform the Work, Bidder shall submit written evidence establishing its qualifications such as financial data, previous experience, and present commitments, and the Bidder's Qualification form.
- 3.02 A Bidder's failure to submit required qualification information at the time of bid may disqualify Bidder from receiving an award of the Contract.
- 3.03 No requirement in this Article 3 to submit information will prejudice the right of Owner to seek additional pertinent information regarding Bidder's qualifications.
- 3.04 Bidder is advised to carefully review those portions of the Bid Documents requiring Bidder qualification information.

ARTICLE 4 – SITE AND OTHER AREAS; EXISTING SITE CONDITIONS; EXAMINATION OF SITE: OWNER'S SAFETY PROGRAM: OTHER WORK AT THE SITE

4.01 Site and Other Areas

A. The Site is identified in the Bidding Documents. By definition, the Site includes rights-of-way, easements, and other lands furnished by Owner for the use of the Contractor. Any additional lands required for temporary construction facilities, construction equipment, or storage of materials and equipment, and any access needed for such additional lands, are to be obtained and paid for by Contractor.

4.02 Existing Site Conditions

- A. Subsurface and Physical Conditions; Hazardous Environmental Conditions
 - 1. The Supplementary Conditions identify (if any):
 - a. those reports known to Owner of explorations and tests of subsurface conditions at or adjacent to the Site.

- b. those drawings known to Owner of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities).
- c. reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site.
- d. Technical Data contained in such reports and drawings.
- 2. Owner will make copies of reports and drawings referenced above available to any Bidder on request. These reports and drawings are not part of the Contract Documents, but the Technical Data contained therein upon whose accuracy Bidder is entitled to rely, as provided in the General Conditions, has been identified and established in the Supplementary Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any Technical Data or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.
- If the Supplementary Conditions do not identify Technical Data, the default definition of Technical Data set forth in Article 1 of the General Conditions will apply.
- B. Underground Facilities: Information and data shown or indicated in the Bidding Documents with respect to existing Underground Facilities at or contiguous to the Site are set forth in the Contract Documents and are based upon information and data furnished to Owner and Engineer by owners of such Underground Facilities, including Owner, or others.
- C. Adequacy of Data: Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to subsurface conditions, other physical conditions, and Underground Facilities, and possible changes in the Bidding Documents due to differing or unanticipated subsurface or physical conditions appear in Paragraphs 5.03, 5.04, and 5.05 of the General Conditions. Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to a Hazardous Environmental Condition at the Site, if any, and possible changes in the Contract Documents due to any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work, appear in Paragraph 5.06 of the General Conditions.

4.03 Site Visit and Testing by Bidders

- A. Bidder may conduct an elective Site visit during normal working hours, and shall not disturb any ongoing operations at the Site. Site visits may be arranged by contacting the Owner at the number listed on the Cover Sheet of the project drawings.
- B. Bidder is not required to conduct any subsurface testing, or exhaustive investigations of Site conditions.
- C. On request, and to the extent Owner has control over the Site, and schedule permitting, the Owner will provide Bidder access to the Site to conduct such additional examinations, investigations, explorations, tests, and studies as Bidder deems necessary for preparing and submitting a successful Bid. Owner will not have any obligation to grant such access if doing so is not practical because of existing operations, security or safety concerns, or restraints on Owner's authority regarding the Site.

- D. Bidder shall comply with all applicable Laws and Regulations regarding excavation and location of utilities, obtain all permits, and comply with all terms and conditions established by Owner or by property owners or other entities controlling the Site with respect to schedule, access, existing operations, security, liability insurance, and applicable safety programs.
- E. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

4.04 Owner's Safety Program

A. Site visits and work at the Site may be governed by an Owner safety program. As the General Conditions indicate, if an Owner safety program exists, it will be noted in the Supplementary Conditions.

4.05 Other Work at the Site

A. Reference is made to Article 8 of the Supplementary Conditions for the identification of the general nature of other work of which Owner is aware (if any) that is to be performed at the Site by Owner or others (such as utilities and other prime contractors) and relates to the Work contemplated by these Bidding Documents. If Owner is party to a written contract for such other work, then on request, Owner will provide to each Bidder access to examine such contracts (other than portions thereof related to price and other confidential matters), if any.

ARTICLE 5 – BIDDER'S REPRESENTATIONS

- 5.01 It is the responsibility of each Bidder before submitting a Bid to:
 - A. examine and carefully study the Bidding Documents, and any data and reference items identified in the Bidding Documents;
 - B. visit the Site, conduct a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfy itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work;
 - C. become familiar with and satisfy itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work;
 - D. carefully study all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings:
 - E. consider the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs;
 - F. agree, based on the information and observations referred to in the preceding paragraph, that at the time of submitting its Bid no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents:

- G. become aware of the general nature of the work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents;
- H. promptly give Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by Engineer is acceptable to Bidder;
- determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work; and
- J. agree that the submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 6 – INTERPRETATIONS AND ADDENDA

- 6.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to Engineer in writing. Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda delivered to all parties recorded as having received the Bidding Documents. Questions received less than seven days prior to the date for opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.
- 6.02 Addenda may be issued to clarify, correct, supplement, or change the Bidding Documents. Addenda may be provided via email only, thus it is important to ensure that a correct email address is provided when obtaining the Bidding Documents.

ARTICLE 7 – BID SECURITY

- 7.01 A Bid must be accompanied by Bid security made payable to Owner in an amount of <u>5</u> percent of Bidder's maximum Bid price (determined by adding the base bid and all alternates) and in the form of a certified check, bank money order, or a Bid bond (on the form included in the Bidding Documents) issued by a surety meeting the requirements of Paragraphs 6.01 and 6.02 of the General Conditions.
- 7.02 The Bid security of the apparent Successful Bidder will be retained until Owner awards the contract to such Bidder, and such Bidder has executed the Contract Documents, furnished the required contract security, and met the other conditions of the Notice of Award, whereupon the Bid security will be released. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required contract security within 15 days after the Notice of Award, Owner may consider Bidder to be in default, annul the Notice of Award, and the Bid security of that Bidder will be forfeited. Such forfeiture shall be Owner's exclusive remedy if Bidder defaults.
- 7.03 The Bid security of other Bidders that Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of seven days after the Effective Date of the Contract or 91 days after the Bid opening, whereupon Bid security furnished by such Bidders will be released.
- 7.04 Bid security of other Bidders that Owner believes do not have a reasonable chance of receiving the award will be released within seven days after the Bid opening.

ARTICLE 8 – CONTRACT TIMES

8.01 The number of days within which, or the dates by which, the Work is to be substantially completed and ready for final payment are set forth in the Agreement.

ARTICLE 9 – LIQUIDATED DAMAGES

9.01 Provisions for liquidated damages, if any, for failure to timely attain a Milestone, Substantial Completion, or completion of the Work in readiness for final payment, are set forth in the Agreement.

ARTICLE 10 - SUBSTITUTE AND "OR-EQUAL" ITEMS

- 10.01 Every request for substitution of materials or equipment shall be in writing addressed to the Engineer and to facilitate time for the Engineer's consideration must be received at least ten business days prior to the date fixed for the opening of bids. Requests for substitution of materials or equipment received less than ten business days prior to the date fixed for the opening of bids may or may not be considered. Any and all such approvals or disapprovals will be in the form of written addenda to the bidding documents. Failure of any Bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under his/her bid as submitted.
- 10.02 All prices that Bidder sets forth in its Bid shall be based on the presumption that the Contractor will furnish the materials and equipment specified or described in the Bidding Documents, as supplemented by Addenda. Any assumptions regarding the possibility of post-Bid approvals of "or-equal" or substitution requests are made at Bidder's sole risk.

ARTICLE 11 - SUBCONTRACTORS, SUPPLIERS, AND OTHERS

- 11.01 A Bidder shall be prepared to retain specific Subcontractors, Suppliers, or other individuals or entities for the performance of the Work if required by the Bidding Documents (most commonly in the Specifications) to do so. If a prospective Bidder objects to retaining any such Subcontractor, Supplier, or other individual or entity, and the concern is not relieved by an Addendum, then the prospective Bidder should refrain from submitting a Bid.
- 11.02 Subsequent to the submittal of the Bid, Owner may not require the Successful Bidder or Contractor to retain any Subcontractor, Supplier, or other individual or entity against which Contractor has reasonable objection.
- 11.03 The apparent Successful Bidder, and any other Bidder so requested, shall within five days after Bid opening, submit to Owner a list of the Subcontractors or Suppliers proposed for all portions of the Work.
 - If requested by Owner, such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor, Supplier, or other individual or entity. If Owner or Engineer, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual, or entity, Owner may, before the Notice of Award is given, request apparent Successful Bidder to submit an acceptable substitute, in which case apparent Successful Bidder shall submit a substitute, Bidder's Bid price will be increased (or decreased) by the difference in cost occasioned by such substitution, and Owner may consider such price adjustment in evaluating Bids and making the Contract award.
- 11.04 If apparent Successful Bidder declines to make any such substitution, Owner may award the Contract to the next lowest Bidder that proposes to use acceptable Subcontractors,

Suppliers, or other individuals or entities. Declining to make requested substitutions will constitute grounds for forfeiture of the Bid security of any Bidder. Any Subcontractor, Supplier, individual, or entity so listed and against which Owner or Engineer makes no written objection prior to the giving of the Notice of Award will be deemed acceptable to Owner and Engineer subject to subsequent revocation of such acceptance as provided in Paragraph 7.06 of the General Conditions.

ARTICLE 12 – PREPARATION OF BID

- 12.01 The Bid Form is included with the Bidding Documents.
 - A. All blanks on the Bid Form shall be completed in ink and the Bid Form signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid Form. A Bid price shall be indicated for each section, Bid item, alternate, adjustment unit price item, and unit price item listed therein.
 - B. If the Bid Form expressly indicates that submitting pricing on a specific alternate item is optional, and Bidder elects to not furnish pricing for such optional alternate item, then Bidder may enter the words "No Bid" or "Not Applicable."
- 12.02 A Bid by a corporation shall be executed in the corporate name by a corporate officer (whose title must appear under the signature), accompanied by evidence of authority to sign. The corporate address and state of incorporation shall be shown. The corporate seal shall be affixed and attested by the corporate secretary or an assistant corporate secretary.
- 12.03 A Bid by a limited liability company shall be executed in the name of the firm by a member or other authorized person and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm shall be shown.
- 12.04 A Bid by an individual shall show the Bidder's name and official address.
- 12.05 A Bid by a joint venture shall be executed by an authorized representative of each joint venturer in the manner indicated on the Bid Form. The official address of the joint venture shall be shown.
- 12.06 All names shall be printed in ink below the signatures.
- 12.07 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid Form. The "Receipt of Addendum" forms sent out by the Engineer at the time Addenda is issued are not required to be submitted with the Bid; but must be on file with the Engineer as acknowledgment.
- 12.08 Postal and e-mail addresses and telephone number for communications regarding the Bid shall be shown.
- 12.09 The Bid shall contain evidence of Bidder's authority and qualification to do business in the state where the Project is located, or Bidder shall covenant in writing to obtain such authority and qualification prior to award of the Contract and attach such covenant to the Bid. Bidder's state contractor license number, if any, shall also be shown on the Bid Form.

ARTICLE 13 – BASIS OF BID

- 13.01 Base Bid with Alternates
 - A. Bidders shall submit a Bid on a lump sum basis for the base Bid and include a separate price for each alternate described in the Bidding Documents and as

- provided for in the Bid Form. The price for each alternate will be the amount added to or deleted from the base Bid if Owner selects the alternate.
- B. In the comparison of Bids, any alternate may be added or subtracted in order to determine the low bidder.

13.02 Unit Price

- A. Bidders shall submit a Bid on a unit price basis for each item of Work listed in the unit price section of the Bid Form.
- B. The "Bid Price" (sometimes referred to as the extended price) for each unit price Bid item will be the product of the "Estimated Quantity" (which Owner or its representative has set forth in the Bid Form) for the item and the corresponding "Bid Unit Price" offered by the Bidder. The total of all unit price Bid items will be the sum of these "Bid Prices"; such total will be used by Owner for Bid comparison purposes. The final quantities and Contract Price will be determined in accordance with Paragraph 13.03 of the General Conditions.
- C. Discrepancies between the multiplication of units of Work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

13.03 Allowances

A. For cash allowances the Bid price shall include such amounts as the Bidder deems proper for Contractor's overhead, costs, profit, and other expenses on account of cash allowances, if any, named in the Contract Documents, in accordance with Paragraph 13.02.B of the General Conditions.

ARTICLE 14 – SUBMITTAL OF BID

- 14.01 With each copy of the Bidding Documents, a Bidder is furnished one separate unbound copy of the Bid Form, and, if required, the Bid Bond Form. The unbound copy of the Bid Form is to be completed and submitted with the Bid security and the other documents required to be submitted under the terms of Article 7 of the Bid Form.
- 14.02 A Bid shall be received no later than the date and time prescribed and at the place indicated in the advertisement or invitation to bid and shall be enclosed in a plainly marked package with the Project title (and, if applicable, the designated portion of the Project for which the Bid is submitted), the name and address of Bidder, and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate package plainly marked on the outside with the notation "BID ENCLOSED." A mailed Bid shall be addressed to **Ozark Special Road District; P.O. Box 688 Ozark, MO 65721**. If mailing Bids via United States Postal Service, use **P.O. Box 688 Ozark, MO 65721**
- 14.03 Bids received after the date and time prescribed for the opening of bids, or not submitted at the correct location or in the designated manner, will not be accepted and will be returned to the Bidder unopened.

ARTICLE 15 – MODIFICATION AND WITHDRAWAL OF BID

15.01 A Bid may be withdrawn by an appropriate document duly executed in the same manner that a Bid must be executed and delivered to the place where Bids are to be submitted

- prior to the date and time for the opening of Bids. Upon receipt of such notice, the unopened Bid will be returned to the Bidder.
- 15.02 If a Bidder wishes to modify its Bid prior to Bid opening, Bidder must withdraw its initial Bid in the manner specified in Paragraph 16.01 and submit a new Bid prior to the date and time for the opening of Bids.
- 15.03 If within 24 hours after Bids are opened any Bidder files a duly signed written notice with Owner and promptly thereafter demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Work is rebid, that Bidder will be disqualified from further bidding on the Work.

ARTICLE 16 - OPENING OF BIDS

16.01 Bids will be opened at the time and place indicated in the advertisement or invitation to bid and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the base Bids and major alternates, if any, will be made available to Bidders after the opening of Bids.

ARTICLE 17 - BIDS TO REMAIN SUBJECT TO ACCEPTANCE

17.01 All Bids will remain subject to acceptance for the period of time stated in the Bid Form, but Owner may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

ARTICLE 18 - EVALUATION OF BIDS AND AWARD OF CONTRACT

- 18.01 Owner reserves the right to reject any or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. Owner will reject the Bid of any Bidder that Owner finds, after reasonable inquiry and evaluation, to not be responsible. If Bidder purports to add terms or conditions to its Bid, takes exception to any provision of the Bidding Documents, or attempts to alter the contents of the Contract Documents for purposes of the Bid, then the Owner will reject the Bid as nonresponsive; provided that Owner also reserves the right to waive all minor informalities not involving price, time, or changes in the Work.
- 18.02 If Owner awards the contract for the Work, such award shall be to the responsible Bidder submitting the lowest responsive Bid.

18.03 Evaluation of Bids

- A. In evaluating Bids, Owner will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Bid Form or prior to the Notice of Award.
- B. For the determination of the apparent low Bidder when unit price bids are submitted, Bids will be compared on the basis of the total of the products of the estimated quantity of each item and unit price Bid for that item, together with any lump sum or alternate items.
- 18.04 In evaluating whether a Bidder is responsible, Owner will consider the qualifications of the Bidder and may consider the qualifications and experience of Subcontractors and Suppliers proposed for those portions of the Work for which the identity of Subcontractors and Suppliers must be submitted as provided in the Bidding Documents.

18.05 Owner may conduct such investigations as Owner deems necessary to establish the responsibility, qualifications, and financial ability of Bidders and any proposed Subcontractors or Suppliers.

ARTICLE 19 – BONDS AND INSURANCE

19.01 Article 6 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth Owner's requirements as to performance and payment bonds and insurance. When the Successful Bidder delivers the Agreement (executed by Successful Bidder) to Owner, it shall be accompanied by required bonds and insurance documentation.

ARTICLE 20 - SIGNING OF AGREEMENT

20.01 When Owner issues a Notice of Award to the Successful Bidder, it shall be accompanied by the unexecuted counterparts of the Agreement along with the other Contract Documents as identified in the Agreement. Within 15 days thereafter, Successful Bidder shall execute and deliver the required number of counterparts of the Agreement (and any bonds and insurance documentation required to be delivered by the Contract Documents) to Owner. Within ten days thereafter, Owner shall deliver one fully executed counterpart of the Agreement to Successful Bidder, together with printed and electronic copies of the Contract Documents as stated in Paragraph 2.02 of the General Conditions.

ARTICLE 21 - SALES AND USE TAXES

21.01 Owner is exempt from <u>Missouri</u> state sales and use taxes on materials and equipment to be incorporated in the Work. Said taxes shall not be included in the Bid. Refer to Paragraph 7.09 of the General Conditions for additional information.

ARTICLE 22 - PREVAILING WAGE RATES

22.01 Wage Rates paid on construction work for this project shall be at least equal to the prevailing wage rates as determined by the Department of Labor and Industrial Relations of Missouri.

BIDDER'S QUALIFICATIONS

OSRD 2024 Striping Services

BIDDER'S GENERAL INFORMATION

The Bidder shall furnish and notarize the following information. Additional sheets shall be attached as required. Failure to complete will cause the Bid to be non-responsive and may cause its rejection. No award will be made until all of the Bidder's General Information is provided to the Owner.

Names of Responsible Ma	anagement Officer	or Responsible Managem	nent Employee	e
BIDDER'S telephone num	nber: ()			
Name of person who insp	ected the site of the	proposed Work for the E	Bidder:	
Name:		Date o	finspection: _	
Identify Surety Company a	and Agent who will _l	provide the required Bond	ds on this Cor	ntract:
Name of Surety:				
Address				
Surety		Company		
Telephone Numbers: Age	ent: ()	Surety: ()	
When was Bidder Compa	ny Organized?			
How many years has Bidd	ler been engaged in	the construction busines	s under the p	resent firm or trade
List current contracts unde	er construction by th	ne Bidder, showing amou	nt of each con	tract and completio
CONTRACT/PROJECT			<u>AMOUNT</u>	COMPLETION D
1				
2				
0				

0.	Has Bidder ever defaulted on a cont	ract? If so, list contr	act, amount, date and	reason:
1.	Attach to this BID the resume of the on-site Construction Manager for the		designated as Genera	Construction Superintendent or
2.	Attach to the BID a financial stateme appraisal of the Bidder's current fina		other information suffic	iently comprehensive to permit an
3.	The undersigned hereby authorizes requested by the Local Public Agualifications.			
ated	at	this	day of	, 20
idder	r:	By		_Title:
tate (of	County of		_
	duly sworn deposes and says that he	is	of	and that the answers to
eing (therein contained a	re true and correct.	
Ū	egoing questions and all statements			
ne for	egoing questions and all statements ribed and sworn to before me this	day of		,20
he for		day of		,20
ne for		day of		,20
he for Subsc		day of		,20

LIST OF SUBCONTRACTORS

The BIDDER is required to list in the spaces provided below, the SUBCONTRACTORS who will perform work under this BID in excess of 1% of the Contractor's Total Bid Price. The BIDDER shall also list the other required information for each SUBCONTRACTOR (Name, Address, Phone No., License Number, Work To Be Performed, MBE/WBE Business Owned Company, total amount of work to be performed in dollars and percent of total contract amount). Failure to comply with this requirement will render the BID as non-responsive and may cause its rejection.

The total cost of the work performed by SUBCONTRACTORS must not be more than fifty percent (50% of the total contract amount.

es or No)
Percent of Total Contract
s or No)
Percent of Total Contract
s or No)
Percent of Total Contract
or No)
Percent of Total Contract
es or No)
Percent of Total Contract
es or No)

(Add additional sheets, if necessary.)

EXPERIENCE RECORD

The BIDDER shall furnish the following information on a minimum of three (3) completed projects, of recent date, involving work of similar type and complexity to this Project that the BIDDER successfully completed. List below all information to enable the OWNER to judge the experience and capability of the BIDDER to perform this Project work.

Project Name	
Contract Price	
Date Completed	
Owner:	Engineer:
Name	Name
Address	Address
Phone No	Phone No.
Contact	Contact
Project Name	
Contract Price	
Date Completed	
Owner:	Engineer:
Name	Name
Address	Address
Phone No	
Contact	
Date Completed	
Owner:	Engineer:
Name	Name
Address	Address
Phone No	Phone No.
Contact	Contact
Project Name	
Date Completed	
Owner:	Engineer:
Name	Name
Address	Address
Phone No	Phone No.
Contact	

RECORD OF BIDDER'S EQUIPMENT

(Add additional sheets, if necessary.)

The BIDDER shall indicate below construction equipment he has available for Work under this CONTRACT. Information should include age of equipment, description, and existing physical conditions. Also list any equipment you intend to purchase or rent for use on the proposed work. If the BIDDER has previously prepared a description of their construction equipment with the information below, it may be attached to this sheet.

<u>EQUIPMENT DESCRIPTION</u>	<u>AGE</u>	<u>CONDITION</u>
1		<u>-</u>
2		
3		
4		
5		
6		
7		
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END OF SECTION

BID FORM

OSRD 2024 Striping Services

TABLE OF CONTENTS

	Page
ARTICLE 1 – Bid Recipient	1
ARTICLE 2 – Bidder's Acknowledgements	1
ARTICLE 3 – Bidder's Representations	1
ARTICLE 4 – Bidder's Certification	2
ARTICLE 5 – Basis of Bid	3
ARTICLE 6 – Time of Completion	3
ARTICLE 7 – Attachments to this Bid	3
ARTICLE 8 – Defined Terms	3
ARTICLE 9 – Bid Submittal	4

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Mailing Address:
Ozark Special Road District
P.O. Box 688
Ozark, MO 65721

Physical Address:
Ozark Special Road District
905 N. Riverside Road
Ozark, MO 65721

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER'S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:
 - A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda (In addition, acknowledge Addenda by signing and dating the "Receipt of Addendum" form included with issued Addenda. Fax or email form back to Engineer as soon as possible to acknowledge receipt of issued addenda.):

Addendum No.	Addendum, Date

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all, if any: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical

conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Siterelated reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 - BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid:
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid

- prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
- 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
- 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the e execution of the Contract.

ARTICLE 5 - BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s): **SEE ATTACHED BID SCHEDULE**

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Bid Schedule;
 - B. Required Bid security;
 - C. Bidder's Qualifications

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK

ARTICLE 9 – BID SUBMITTAL BIDDER: By: [Śignature] [Printed name] (If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.) Attest: [Signature] [Printed name] Title: Submittal Date: Address for giving notices:

Telephone Number:

Bidder's License No.:

Contact Name and e-mail

Fax Number:

address:

(where applicable)

LINE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	Mobilization, Demobilization, Bonding	LS	1	\$	\$
	SELMORE ROAD: HIGHWAY	14 TO	WISCON	ISIN	
1	Solid White 6" Line With Reflective Paint	LF	11,000	\$	\$
2	Dashed White 6" Line With Reflective Paint	LF	300	\$	\$
3	Solid Yellow 6" Line With Reflective Paint	LF	475	\$	\$
4	Double Yellow 6" Line With Reflective Paint	LF	500	\$	\$
5	Dashed Yellow 6" Line With Reflective Paint	LF	4,900	\$	\$
6	Solid White Left Arrow With Reflective Paint	EA	2	\$	\$
7	Solid White Right Arrow With Reflective Paint	EA	2	\$	\$
8	Yellow Chevron With Reflective Paint	EA	4	\$	\$
9	White Chevron With Reflective Paint	EA	3	\$	\$
10	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	3	\$	\$
	HEARTLEY: SOUTH 14TH	AVEN	IUE TO J	J	
1	Solid White 6" Line With Reflective Paint	LF	20,100	\$	\$
2	Double Yellow 6" Line With Reflective Paint	LF	180	\$	\$
3	Dashed Yellow 6" Line With Reflective Paint	LF	9,900	\$	\$
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	\$
	WARREN AVENUE: 6TH AVEN	UE TO	HIGHW	AY W	
1	Solid White 6" Line With Reflective Paint	LF	15,850	\$	\$
2	Double Yellow 6" Line With Reflective Paint	LF	200	\$	\$
3	Dashed Yellow 6" Line With Reflective Paint	LF	7,750	\$	\$
	RIVERDALE ROAD: BRIDGE I	3Y 65	TO FOX	ΓAIL	
1	Solid White 6" Line With Reflective Paint	LF	18,000	\$	<u>\$</u>
2	Double Yellow 6" Line With Reflective Paint	LF	5,850	\$	\$
3	Dashed Yellow 6" Line With Reflective Paint	LF	3,150	\$	\$

	BID SCHEDOLE				
LINE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	CAVE HOLLOW: HIGHWAY F TO	RIV	ERDALE	ROAD	
1	Solid White 6" Line With Reflective Paint	LF	7,400	\$	<u>\$</u>
2	Double Yellow 6" Line With Reflective Paint	LF	2,700	\$	
3	Dashed Yellow 6" Line With Reflective Paint	LF	1,000	\$	
	40TH STREET: HIGHWAY 14 TO	MC	CAULEY	ROAD	
1	Solid White 6" Line With Reflective Paint	LF	14,800	\$	
2	Dashed Yellow 6" Line With Reflective Paint	LF	7,400	\$	
	CHEYENNE ROAD: NIXA SCHOOL NO	RTH S	SIDE TO H	HIGHWAY CC	
1	Solid White 6" Line With Reflective Paint	LF	10,600	\$	
2	Double Yellow 6" Line With Reflective Paint	LF	450	\$	
3	Dashed Yellow 6" Line With Reflective Paint	LF	4,850	\$	<u>\$</u>
4	Solid White Left Arrow With Reflective Paint	EA	2	\$	<u>\$</u>
5	Solid White Right Arrow With Reflective Paint	EA	2	\$	\$
6	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	
	FREMONT ROAD: HIGHWAY CC TO FIOC	CHI A	AMMUNIT	ION DRIVEWAY	
1	Solid White 6" Line With Reflective Paint	LF	15,850	\$	
2	Double Yellow 6" Line With Reflective Paint	LF	2,100	\$	\$
3	Dashed Yellow 6" Line With Reflective Paint	LF	6,675	\$	\$
4	Solid White Left Arrow With Reflective Paint	EA	2	\$	\$
5	Solid White straight Arrow With Reflective Paint	EA	3	\$	
6	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	
	LONGVIEW ROAD: 20TH STREET	TO F	FREMON	T ROAD	
1	Solid White 6" Line With Reflective Paint	LF	10,575	\$	<u>\$</u>
2	Double Yellow 6" Line With Reflective Paint	LF	1,050	\$	<u>\$</u>
3	Dashed Yellow 6" Line With Reflective Paint	LF	4,250	\$	
	NORTH ROAD: FREMONT ROA	р то	COMBS	ROAD	
1	Solid White 6" Line With Reflective Paint	LF	5,280	\$	
2	Double Yellow 6" Line With Reflective Paint	LF	300	\$	
3	Dashed Yellow 6" Line With Reflective Paint	LF	2,350	\$	\$

LINE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT		
FARMERS BRANCH ROAD: HIGHWAY NN TO CITY WIDE CONCRETE DRIVEWAY							
1	Solid White 6" Line With Reflective Paint	LF	17,200	\$	\$		
2	Double Yellow 6" Line With Reflective Paint	LF	13,820	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	200	\$	\$		
4	Solid White Left Arrow With Reflective Paint	EA	6	\$	\$		
5	Solid White Right Arrow With Reflective Paint	EA	2	\$	\$		
6	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	\$		
7	Yellow Chevron With Reflective Paint	EA	13	\$	\$		
	N WILLOW ROAD: QUAIL R	UN TO	O MELTO	N			
1	Solid White 6" Line With Reflective Paint	LF	13,730	\$	\$		
2	Dashed Yellow 6" Line With Reflective Paint	LF	6,870	\$	\$		
	E CARDINAL ROAD: N WILLOW ROA	D TO	N PHEAS	SANT ROAD			
1	Solid White 6" Line With Reflective Paint	LF	10,600	\$	\$		
2	Double Yellow 6" Line With Reflective Paint	LF	300	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	5,000	\$	\$		
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	3	\$	\$		
	MELTON ROAD: HIGHWAY NN	TO SC	OUTHERN	IVIEW			
1	Solid White 6" Line With Reflective Paint	LF	9,510	\$	<u>\$</u>		
2	Double Yellow 6" Line With Reflective Paint	LF	610	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	4,150	\$	\$		
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	\$		
SOUTHERNVIEW: MELTON TO HIGHWAY NN							
1	Solid White 6" Line With Reflective Paint	LF	15,850	\$	\$		
2	Double Yellow 6" Line With Reflective Paint	LF	780	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	7,150	\$	\$		
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	\$		

LINE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT				
	BLUE STEAM ROAD: HIGHWAY NN TO NEW CULVERTS								
1	Solid White 6" Line With Reflective Paint	LF	2,120	\$	\$				
2	Double Yellow 6" Line With Reflective Paint	LF	100	\$	\$				
3	Dashed Yellow 6" Line With Reflective Paint	LF	960	\$	\$				
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	\$				
	MCCRACKEN ROAD: BARRY LANE TO N RIVERSIDE ROAD								
1	Solid White 6" Line With Reflective Paint	LF	26,680	\$	<u>\$</u>				
2	Double Yellow 6" Line With Reflective Paint	LF	450	\$	\$				
3	Dashed Yellow 6" Line With Reflective Paint	LF	12,750	\$	\$				
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	\$				
5	Solid White Right Arrow With Reflective Paint	EA	1	\$	\$				
6	White Chevron With Reflective Paint	EA	7	\$	\$				
	N RIVERSIDE ROAD: E MCCRACKEN ROA	D TO	THE NEV	N BUILT BRIDGE					
1	Solid White 6" Line With Reflective Paint	LF	14,800	\$	\$				
2	Double Yellow 6" Line With Reflective Paint	LF	2,700	\$	\$				
3	Dashed Yellow 6" Line With Reflective Paint	LF	4,700	\$	\$				
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	<u>\$</u>				
5	Solid White Right Arrow With Reflective Paint	EA	1	\$	<u>\$</u>				
	N SMALLIN ROAD: N RIVERSIDE ROAD B	RIDGI	E TO N PI	HEASANT ROAD					
1	Solid White 6" Line With Reflective Paint	LF	16,900	\$	\$				
2	Double Yellow 6" Line With Reflective Paint	LF	1,400	\$	\$				
3	Dashed Yellow 6" Line With Reflective Paint	LF	7,050	\$	<u>\$</u>				
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	\$				
	N PHEASANT ROAD: HIGHWAY NN	TO E	CARDIN	AL ROAD					
1	Solid White 6" Line With Reflective Paint	LF	5,280	\$	\$				
2	Double Yellow 6" Line With Reflective Paint	LF	500	\$	<u>\$</u>				
3	Dashed Yellow 6" Line With Reflective Paint	LF	2,140	\$	<u>\$</u>				
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	\$				

LINE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT		
W. SUNSET ROAD: HIGHWAY NN TO N 3RD STREET							
1	Solid White 6" Line With Reflective Paint	LF	8,450	\$	\$		
2	Double Yellow 6" Line With Reflective Paint	LF	100	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	4,124	\$	\$		
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	\$		
N 3RD STREET: W SUNSET ROAD TO RIVERBLUFF DRIVE							
1	Solid White 6" Line With Reflective Paint	LF	7,400	\$	\$		
2	Double Yellow 6" Line With Reflective Paint	LF	100	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	3,600	\$	\$		
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	1	\$	\$		
RIVERBLUFF DRIVE: N 3RD STREET TO HIGHWAY NN							
1	Solid White 6" Line With Reflective Paint	LF	7,400	\$	\$		
2	Double Yellow 6" Line With Reflective Paint	LF	900	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	2,800	\$	\$		
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	\$		
N WEAVER ROAD: HIGHWAY NN TO HIGHWAY NN							
1	Solid White 6" Line With Reflective Paint	LF	5,280	\$	\$		
2	Double Yellow 6" Line With Reflective Paint	LF	200	\$	\$		
3	Dashed Yellow 6" Line With Reflective Paint	LF	2,440	\$	\$		
4	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	\$		
	BASE BID CONSTRUCTION COST: \$						

LINE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT			
	ALTERNATE BID #1 MCLEAN ROAD: PARK BOULEVARD TO DAIRY FARMER HOUSE							
1	Solid White 6" Line With Reflective Paint	LF	23,400	\$	\$			
2	Dashed Yellow 6" Line With Reflective Paint	LF	10,700	\$	\$			
		AL	TERNATE #1	BID CONSTRUCTION COST:	\$			
	ALTERNATE BID #2 SOUTH 17TH STREET FF STREET							
1	Solid White 6" Line With Reflective Paint	LF	12,970	\$	\$			
2	Double Yellow 6" Line With Reflective Paint	LF	600	\$	\$			
3	Dashed Yellow 6" Line With Reflective Paint	LF	5,900	\$	\$			
4	Solid White Left Arrow With Reflective Paint	EA	1	\$	\$			
5	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	3	\$	\$			
		AL	TERNATE #2	BID CONSTRUCTION COST:	\$			
	ALTERNATE BID #3 FREMONT ROAD F ENTRANCE							
1	Solid White 6" Line With Reflective Paint	LF	32,000	\$	\$			
2	Double Yellow 6" Line With Reflective Paint	LF	1,200	\$	\$			
3	Dashed Yellow 6" Line With Reflective Paint	LF	14,800	\$	\$			
4	Solid White Left Arrow With Reflective Paint	EA	1	<u>\$</u>	\$			
5	Solid White Right Arrow With Reflective Paint	EA	1	\$	\$			
6	Solid White Straight Arrow With Reflective Paint	EA	1	\$	\$			
7	Solid White preformed Thermoplastic Stop Bar With Reflective Paint	EA	2	\$	\$			
		\$						

ANY ITEM SHOWN ON PLANS OR CONTRACT DOCUMENTS NOT SHOWN IN THE ABOVE BID ITEMS IS CONSIDERED INCIDENTAL TO THE ITEMS IN THE BID ANY ADDITIONAL WORK REQUIRED TO BID OR COMPLETE THE PROJECT IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE AT THE CONTRACTOR'S THE CONTRACTOR AGREES THAT HE WILL MAKE NO CLAIM FOR DAMAGES, ANTICIPATED PROFITS, OR OTHERWISE, ON ACCOUNT OF ANY DIFFERENCE



BID BOND

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.					
BIDDEF	R (Name and Address):				
SURET	Y (Name, and Address of Principal Place	of Busine	ess):		
OWNE	R (Name and Address):				
	Due Date: scription <i>(Project Name— Include Locatior</i>	n):			
Dat	mber: te: nal sum		\$		
(Words) (Figures) Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative. BIDDER SURETY (Seal) (Seal)					
	Name and Corporate Seal	_	s Name and Corporate Seal		
Ву:	Signature	By:	Signature (Attach Power of Attorney)		
	Print Name	_	Print Name		
	Title	-	Title		
Attest:		Attest:			
	Signature	-	Signature		
	Title		Title		
Note: Addresses are to be used for giving any required notice. Provide execution by any additional parties, such as joint venturers, if necessary.					
EJCDC® C-430, Bid Bond (Penal Sum Form). Published 2013. Prepared by the Engineers Joint Contract Documents Committee. Page 1 of 2					



- 1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond shall be Owner's sole and exclusive remedy upon default of Bidder.
- 2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
- 3. This obligation shall be null and void if:
 - 3.1 Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2 All Bids are rejected by Owner, or
 - 3.3 Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
- 4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
- 5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
- 6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after the Bid due date.
- 7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located. However, the exclusive venue for any legal action arising out of this agreement or the performance of services thereunder shall be the Circuit Court of Christian County, Missouri, and Bidder and Surety submits to the jurisdiction of said court.
- 8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
- 9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
- 10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
- 11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

OSRD STRIPING SERVICES 2024 for OZARK SPECIAL ROAD DISTRICT CHRISTIAN COUNTY, MISSOURI

REGISTRANTS

The personal seal of each shown Engineer shall be the legal equivalent of his signature whenever and wherever used, and the owner of the seal shall authenticate this sheet and the specification sections pertaining to this sheet. Responsibility shall be disclaimed for all other plans, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of this project.

Those sections each discipline is responsible for shall be as listed alongside seal of same.

SEAL

CIVIL ENGINEER OF RECORD

Toth & Associates, Inc. 1550 East Republic Road Springfield, Missouri 65804 417-888-0645 Missouri State Certificate of Authority # 2004004242

Sections: 321723

Derrick James Estell, Civil Engineer MO# PE-2021028054

AGREEMENT BETWEEN OWNER AND CONTRACTOR FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)

THIS AGREEMENT is by and		
between	Ozark Special Road District	("Owner") and
		("Contractor").

Owner and Contractor hereby agree as follows:

ARTICLE 1 – WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: Repainting of potable water storage facilities.

ARTICLE 2 – THE PROJECT

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: This project will consist of a base bid and three alternates. The base bid consists of striping various sections of roadway within OSRD jurisdiction. Bid Alternate 1 consists of striping a section of McLean Road. Alternate 2 consists of striping a section of South 17th Street. Alternate 3 consists striping a section of Fremont Road

ARTICLE 3 – ENGINEER

- 3.01 The Project has been designed by Toth and Associates, Inc.
- 3.02 The Owner has retained Toth and Associates, Inc. ("Engineer") to act as Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 - CONTRACT TIMES

- 4.01 Time of the Essence
 - A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.
- 4.02 Contract Times: Days
 - A. The Work will be substantially completed before December 31st 2024. The Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions before December 31st 2024 when the Contract Times commence to run.
- 4.03 Liquidated Damages
 - A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with the Contract. The

parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):

1. Substantial Completion **and Readiness for Final Payment**: Contractor shall pay Owner \$500 for each day that expires after the time (as duly adjusted pursuant to the Contract) specified in Paragraph 4.02.A above for Substantial Completion **and Readiness for Final Payment** until the Work is complete.

ARTICLE 5 - CONTRACT PRICE

- 5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents the amounts that follow, subject to adjustment under the Contract:
 - A. For all Unit Price Work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item):

SEE ATTACHED BID SCHEDULE

The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on estimated quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

ARTICLE 6 – PAYMENT PROCEDURES

- 6.01 Submittal and Processing of Payments
 - A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.
- 6.02 Progress Payments; Retainage
 - A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on or about the <u>30th</u> day of each month during performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.
 - Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract
 - a. 95 percent of Work completed (with the balance being retainage).
 - b. <u>95</u> percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).
 - B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to <u>95</u> percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less

<u>150</u> percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 Final Payment

A. Upon final completion and acceptance of the Work in accordance with Paragraph 15.06 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 15.06 and in accordance with actual installed quantities at the contract unit prices.

ARTICLE 7 – INTEREST

7.01 All amounts not paid when due shall bear interest at the rate of <u>12</u> percent per annum.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

- 8.01 In order to induce Owner to enter into this Contract, Contractor makes the following representations:
 - A. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.
 - B. Contractor has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 - C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
 - D. If any, Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
 - E. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, if any, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (3) Contractor's safety precautions and programs.
 - F. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
 - G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.

- H. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
- I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- J. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

ARTICLE 9 – CONTRACT DOCUMENTS

9.01 Contents

- A. The Contract Documents consist of the following:
 - 1. This Agreement (pages 1 to 6, inclusive).
 - 2. Performance bond (pages 1 to 3, inclusive).
 - 3. Payment bond (pages <u>1</u> to <u>3</u>, inclusive).
 - 4. General Conditions (pages 1 to 69, inclusive).
 - 5. Supplementary Conditions (page SC1 and incorporated into C-700 Standard General Conditions by strikethrough and bold).
 - 6. Specifications as listed in the table of contents of the Project Manual.
 - 7. Addenda (numbers ____ to ____, inclusive).
 - 8. Exhibits to this Agreement (enumerated as follows):
 - a. Contractor's Bid Schedule (pages <u>1</u> to <u>1</u>, inclusive).
 - 9. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
 - a. Notice of Award.
 - b. Notice to Proceed.
 - c. Change Orders.
- B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 9.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in the General Conditions.

ARTICLE 10 - MISCELLANEOUS

10.01 Terms

A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

10.02 Assignment of Contract

A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another

party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03 Successors and Assigns

A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.04 Severability

A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

10.05 Contractor's Certifications

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:
 - "corrupt practice" means the offering, giving, receiving, or soliciting of anything
 of value likely to influence the action of a public official in the bidding process or
 in the Contract execution;
 - "fraudulent practice" means an intentional misrepresentation of facts made (a)
 to influence the bidding process or the execution of the Contract to the
 detriment of Owner, (b) to establish Bid or Contract prices at artificial noncompetitive levels, or (c) to deprive Owner of the benefits of free and open
 competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
 - "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

IN WITNESS WHEREOF, Owner and Contract	ctor have signed this Agreement.					
This Agreement will be effective on	(which is the Effective Date of the Contract).					
OWNER:	CONTRACTOR:					
Ozark Special Road District						
Ву:	By:					
Title:	Title:					
	(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)					
Attest:	Attest:					
Title:	Title:					
Address for giving notices:	Address for giving notices:					
905 N. Riverside Road						
Ozark, MO 65721						
	License No.:					

NOTICE OF AWARD

DATE OF ISS	SUANCE:			
OWNER: Oza	ark Special Road District			
ENGINEER:	Toth and Associates, Inc.	ENGINE	ER'S PROJECT NO.:	97.001.038
PROJECT: O	SRD 2024 Striping Services	CONTRACT	NAME: OSRD 2024	Striping Services
BIDDER:				
BIDDER'S AD	DDRESS:			
TO BIDDER	:			
	fied that Owner has accepted you that you are the Successful Bidder a		d a Contract for:] for the above
The Contract	Price of the awarded Contract is: \$_			
copy o	4) unexecuted counterparts of the a of the Contract Documents accompa available to Bidder electronically.			
	a set of the Drawings will be delivered	ed separately fro	om the other Contrac	t Documents.
You must con Notice of Awa	nply with the following conditions pre ard:	cedent within 1	5 days of the date of	receipt of this
1. De	eliver to Owner four (4) counterparts	of the Agreeme	nt, fully executed by i	Bidder.
bo	eliver with the executed Agreement(seast) and insurance documentation and insurance documentation and the seast and 6.			
Th Co Ag un	her conditions precedent (if any): e attached letter provided by Toth and ontract Documents that have been represent, the Bidder and Owner account prices on the revised bid form and ocuments.	vised after the be ept the revisions	oid opening. By exect soutlined in the attact	cuting the ched letter and the
	mply with these conditions within the this Notice of Award, and declare you			to consider you in
counterpart of	ys after you comply with the above c f the Agreement, together with any a aragraph 2.02 of the General Condit	dditional copies		
Ozark Specia	I Road District			
Owner			Bidder Name	
By:Author	rized Signature	Ву:	Authorized Signatur	re
Name	and Title		Name and Title	
Сору:	Engineer	Receiv	ved On	, 20

NOTICE TO PROCEED

EFFECTIVE DATE OF CONTRACT:	
OWNER: Ozark Special Road District	
ENGINEER: Toth and Associates, Inc.	ENGINEER'S PROJECT NO.: 97.001.038
PROJECT: OSRD 2024 Striping Services	CONTRACT NAME: OSRD 2024 Striping Services
CONTRACTOR:	
TO CONTRACTOR:	
	act Times under the above Contract will commence to []. [see Paragraph 4.01 of the General Conditions]
shall be done at the Site prior to such date. In ac	s obligations under the Contract Documents. No Work cordance with the Agreement, the date of readiness for the number of days to achieve readiness for final
Before starting any Work at the Site, Contractor of Note any access limitations, security procedures	
ISSUED:	
By:Authorized Signature	
Name and Title	

Copy: Engineer



PERFORMANCE BOND

CONTRACTOR (name and address):

SURETY (name and address of principal place of business):

OWNER (name and address): Ozark Special Road District,	905 N. Riverside Road Ozark, MO 65721
CONSTRUCTION CONTRACT Effective Date of the Agreement: Amount: Description (name and location):	
BOND Bond Number: Date (not earlier than the Effective Date of the Agreeme Amount: Modifications to this Bond Form: None	ent of the Construction Contract): See Paragraph 16
Surety and Contractor, intending to be legally bour each cause this Performance Bond to be duly exe representative.	
CONTRACTOR AS PRINCIPAL	SURETY
Contractor's Name and Corporate Seal	(seal) Surety's Name and Corporate Seal
By:Signature	By:
Print Name	Print Name
Title	Title
Attest:Signature	Attest:Signature
Title	Title
Notes: (1) Provide supplemental execution by any a singular reference to Contractor, Surety, Owner, or applicable.	
	, Performance Bond

- 1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
- 2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Paragraph 3.
- 3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after:
 - 3.1 The Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor, and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall Unless the Owner agrees otherwise, any conference requested under this Paragraph 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;
 - 3.2 The Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
 - 3.3 The Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.
- 4. Failure on the part of the Owner to comply with the notice requirement in Paragraph 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
- 5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;
 - 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;
 - 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract,

- arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owners concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or
- 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor, and with reasonable promptness under the circumstances:
 - 5.4.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
 - 5.4.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
- 6. If the Surety does not proceed as provided in Paragraph 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.
- 7. If the Surety elects to act under Paragraph 5.1, 5.2, or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:
 - 7.1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
 - 7.2 additional legal, design professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 5; and
 - 7.3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
- 8. If the Surety elects to act under Paragraph 5.1, 5.3, or 5.4, the Surety's liability is limited to the amount of this Bond.
- 9. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated

obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.

- 10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
- 11. Any proceeding, legal or equitable, under this Bond may be instituted in a court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. However, the exclusive venue for any legal action arising out of this agreement or the performance of services thereunder shall be the Circuit Court of Christian County, Missouri, and Contractor and Surety submits to the jurisdiction of said court. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit shall be applicable.
- 12. Notice to the Surety, the Owner, or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.
- 13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

14. Definitions

14.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have

been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

- 14.2 Construction Contract: The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
- 14.3 Contractor Default: Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
- 14.4 Owner Default: Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- 14.5 Contract Documents: All the documents that comprise the agreement between the Owner and Contractor.
- 15. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.
- 16. Modifications to this Bond are as follows:



PAYMENT BOND

CONTRACTOR (name and address):

SURETY (name and address of principal place of business):

OWNER (name and address): Ozark Special Road District,	905 N. Riverside Road Ozark, MO 65721
CONSTRUCTION CONTRACT Effective Date of the Agreement: Amount: Description (name and location):	
BOND	
Bond Number: Date (not earlier than the Effective Date of the Agreeme Amount:	ent of the Construction Contract):
Modifications to this Bond Form: None	See Paragraph 18
•	nd hereby, subject to the terms set forth below, do d by an authorized officer, agent, or representative.
CONTRACTOR AS PRINCIPAL	SURETY
(seal)	(seal)
Contractor's Name and Corporate Seal	Surety's Name and Corporate Seal
Ву:	Ву:
Signature	Signature (attach power of attorney)
Print Name	Print Name
Title	Title
Attest:	Attest:
Signature	Signature
Title	Title
Notes: (1) Provide supplemental execution by any singular reference to Contractor, Surety, Owner, or applicable.	
F ICDOR C C	15 Payment Pand

- The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner to pay for labor, materials, and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.
- 2. If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies, and holds harmless the Owner from claims, demands, liens, or suits by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.
- 3. If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 13) of claims, demands, liens, or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, and tendered defense of such claims, demands, liens, or suits to the Contractor and the Surety.
- 4. When the Owner has satisfied the conditions in Paragraph 3, the Surety shall promptly and at the Surety's expense defend, indemnify, and hold harmless the Owner against a duly tendered claim, demand, lien, or suit.
- 5. The Surety's obligations to a Claimant under this Bond shall arise after the following:
 - 5.1 Claimants who do not have a direct contract with the Contractor,
 - 5.1.1 have furnished a written notice of nonpayment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
 - 5.1.2 have sent a Claim to the Surety (at the address described in Paragraph 13).
 - 5.2 Claimants who are employed by or have a direct contract with the Contractor have sent a Claim to the Surety (at the address described in Paragraph 13).
- 6. If a notice of non-payment required by Paragraph 5.1.1 is given by the Owner to the Contractor, that is

- sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Paragraph 5.1.1.
- 7. When a Claimant has satisfied the conditions of Paragraph 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:
 - 7.1 Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and
 - 7.2 Pay or arrange for payment of any undisputed amounts.
 - 7.3 The Surety's failure to discharge its obligations under Paragraph 7.1 or 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Paragraph 7.1 or 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.
- 8. The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Paragraph 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.
- 9. Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.
- 10. The Surety shall not be liable to the Owner, Claimants, or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to or give notice on behalf of Claimants, or otherwise have any obligations to Claimants under this Bond.
- The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
- 12. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent

jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Paragraph 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable. However, the exclusive venue for any legal action arising out of this agreement or the performance of services thereunder shall be the Circuit Court of Christian County, Missouri, and Contractor and Surety submits to the jurisdiction of said court.

- 13. Notice and Claims to the Surety, the Owner, or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.
- 14. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.
- 15. Upon requests by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

16. **Definitions**

- 16.1 **Claim:** A written statement by the Claimant including at a minimum:
 - 1. The name of the Claimant;
 - 2. The name of the person for whom the labor was done, or materials or equipment furnished:
 - A copy of the agreement or purchase order pursuant to which labor, materials, or equipment was furnished for use in the performance of the Construction Contract;
 - A brief description of the labor, materials, or equipment furnished;
 - The date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
 - 6. The total amount earned by the Claimant for labor, materials, or equipment furnished as of the date of the Claim;
 - 7. The total amount of previous payments received by the Claimant; and

- 8. The total amount due and unpaid to the Claimant for labor, materials, or equipment furnished as of the date of the Claim.
- 16.2 Claimant: An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials, or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms of "labor, materials, or equipment" that part of the water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.
- 16.3 **Construction Contract:** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.
- 16.4 Owner Default: Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- 16.5 Contract Documents: All the documents that comprise the agreement between the Owner and Contractor.
- 17. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.
- 18. Modifications to this Bond are as follows:

ONE YEAR GUARANTEE

OSRD 2024 Striping Services

Contractor shall guarantee all work, labor, materials, and equipment provided for a period of one year from the date that final payment is due. The following shall be completed as part of the project closeout process.

OSRD 2024 Striping Services

Project:

Owner:	Ozark Special Road District	
Contractor: _		
Contractor Address:		
Project Manager:		
Phone Number:		
Contract Start		
Contract Completion Date:		
One-Year Guarantee Start Date:	(Date	of Contract Completion Certificate)
One-Year Guarantee Completion _ Date:		
date of the final completion of the property owner(s). All equipment, under subject coother items required to conguarantee any damage causwinds, extremely heavy snow. The undersigned hereby certerms thereof. The undersignayments due to sub-contractifiteen (15) days of receipt of		et, or its representative and acceptance of guarantees covering materials and le all labor, equipment, materials, or d. The contractor will not, however, lalism, or "Acts of God" such as high or design criteria was exceeded. Is been performed in accordance with laterials, supplies, equipment; and all the been made or will be made within
	nt, the undersigned does hereby release the prop iny and all claims which may arise under or by virti	
Contractor (Company Name)	
Signature and Title of Office	r, Partner or Individual	
Date		
Witness		

PREVAILING WAGE LAW

Definitions.

290.210. As used in sections 290.210 to 290.340, unless the context indicates otherwise:

- (1) "Adjacent county", any Missouri county of the third or fourth classification having a boundary that, at any point, touches any boundary of the locality for which the wage rate is being determined;
- (2) "Collective bargaining agreement" means any written agreement or understanding between an employer or employer association and a labor organization or union which is the exclusive bargaining representative of the employer's or employer association's employees pursuant to the terms of the National Labor Relations Act and which agreement or understanding or predecessor agreement or understanding has been used to determine an occupational title wage rate;
- (3) "Construction" includes construction, reconstruction, improvement, enlargement, alteration, painting and decorating, or major repair;
- (4) "Department" means the department of labor and industrial relations;
- (5) "Labor organization" or "union" means any entity which has been designated pursuant to the terms of the National Labor Relations Act as the exclusive bargaining representative of employees of employers engaged in the construction industry, which entity or affiliated entity has ever had a collective bargaining agreement which determined an occupational title wage rate;
- (6) "Locality" means the county where the physical work upon public works is performed;
- (7) "Maintenance work" means the repair, but not the replacement, of existing facilities when the size, type or extent of the existing facilities is not thereby changed or increased;
- (8) "Prevailing hourly rate of wages" means the wages paid generally, in the locality in which the public works is being performed, to workmen engaged in work of a similar character including the basic hourly rate of pay and the amount of the rate of contributions irrevocably made to a fund, plan or program, and the amount of the rate of costs to the contractor or subcontractor which may be reasonably anticipated in providing benefits to workmen and mechanics pursuant to an enforceable commitment to carry out a financially responsible plan or program which was communicated in writing to the workmen affected, for medical or hospital care, pensions on retirement or death, compensation for injuries or illness resulting from occupational activity, or insurance to provide any of the foregoing, for unemployment benefits, life insurance, disability and sickness insurance, accident insurance, for vacation and holiday pay, for defraying costs of apprenticeship or other similar programs, or for other bona fide fringe benefits, but only where the contractor or subcontractor is not required by other federal or state law to provide any of the benefits; provided, that the obligation of a contractor or subcontractor to make payment in accordance with the prevailing wage determinations of the department, insofar as sections 290.210 to 290.340 are concerned, may be discharged by the making of payments in cash, by the making of irrevocable contributions by the assumption of an enforceable commitment to bear the costs of a plan or program as provided herein, or any combination thereof, where the

aggregate of such payments, contributions and costs is not less than the rate of pay plus the other amounts as provided herein;

- (9) "Previous six annual wage order reporting periods" means the current annual wage order reporting period under consideration for wage rate determinations and the five immediately preceding annual wage order reporting periods*;
- (10) "Public body" means the state of Missouri or any officer, official, authority, board or commission of the state, or other political subdivision thereof, or any institution supported in whole or in part by public funds;
- (11) "Public works" means all fixed works constructed for public use or benefit or paid for wholly or in part out of public funds. It also includes any work done directly by any public utility company when performed by it pursuant to the order of the public service commission or other public authority whether or not it be done under public supervision or direction or paid for wholly or in part out of public funds when let to contract by said utility. It does not include any work done for or by any drainage or levee district;
- (12) "Workmen" means laborers, workmen and mechanics.

Policy declared.

290.220. It is hereby declared to be the policy of the state of Missouri that a wage of no less than the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed shall be paid to all workmen employed by or on behalf of any public body engaged in public works exclusive of maintenance work.

Prevailing wage rates required on construction of public works.

- 290.230. 1. Not less than the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed, and not less than the prevailing hourly rate of wages for legal holiday and overtime work, shall be paid to all workmen employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work. Only such workmen as are directly employed by contractors or subcontractors in actual construction work on the site of the building or construction job shall be deemed to be employed upon public works.
- 2. When the hauling of materials or equipment includes some phase of construction other than the mere transportation to the site of the construction, workmen engaged in this dual capacity shall be deemed employed directly on public works.

Department of labor and industrial relations to enforce--make regulations.

- 290.240. 1. The department shall inquire diligently as to any violation of sections 290.210 to 290.340, shall institute actions for penalties herein prescribed, and shall enforce generally the provisions of sections 290.210 to 290.340.
- 2. The department may establish rules and regulations for the purpose of carrying out the provisions of sections 290.210 to 290.340.

Prevailing wage, incorporation into contracts--failure to pay, penalty--complaints of violation, public body or prime contractor to withhold payment--determination of a violation, investigation required--employer's right to dispute--enforcement proceeding permitted, when.

- 290.250. 1. Every public body authorized to contract for or construct public works before advertising for bids or undertaking such construction shall request the department to determine the prevailing rates of wages for workmen for the class or type of work called for by the public works, in the locality where the work is to be performed. The department shall determine the prevailing hourly rate of wages in the locality in which the work is to be performed for each type of workman required to execute the contemplated contract and such determination or schedule of the prevailing hourly rate of wages shall be attached to and made a part of the specifications for the work. The public body shall then specify in the resolution or ordinance and in the call for bids for the contract what is the prevailing hourly rate of wages in the locality for each type of workman needed to execute the contract and also the general prevailing rate for legal holiday and overtime work. It shall be mandatory upon the contractor to whom the contract is awarded and upon any subcontractor under him to pay not less than the specified rates to all workmen employed by them in the execution of the contract. The public body awarding the contract shall cause to be inserted in the contract a stipulation to the effect that not less than the prevailing hourly rate of wages shall be paid to all workmen performing work under the contract. The employer shall forfeit as a penalty to the state, county, city and county, city, town, district or other political subdivision on whose behalf the contract is made or awarded one hundred dollars for each workman employed, for each calendar day, or portion thereof, such workman is paid less than the said stipulated rates for any work done under said contract, by him or by any subcontractor under him, and the said public body awarding the contract shall cause to be inserted in the contract a stipulation to this effect. It shall be the duty of such public body awarding the contract, and its agents and officers, to take cognizance of all complaints of all violations of the provisions of sections 290.210 to 290.340 committed in the course of the execution of the contract, and, when making payments to the contractor becoming due under said contract, to withhold and retain therefrom all sums and amounts due and owing as a result of any violation of sections 290.210 to 290.340. It shall be lawful for any contractor to withhold from any subcontractor under him sufficient sums to cover any penalties withheld from him by the awarding body on account of said subcontractor's failure to comply with the terms of sections 290.210 to 290.340, and if payment has already been made to him, the contractor may recover from him the amount of the penalty in a suit at law.
- 2. In determining whether a violation of sections 290.210 to 290.340 has occurred, and whether the penalty under subsection 1 of this section shall be imposed, it shall be the duty of the department to investigate any claim of violation. Upon completing such investigation, the department shall notify the employer of its findings. If the department concludes that a violation of sections 290.210 to 290.340 has occurred and a penalty may be due, the department shall notify the employer of such finding by providing a notice of penalty to the employer. Such penalty shall not be due until forty-five days after the date of the notice of the penalty.
- 3. The employer shall have the right to dispute such notice of penalty in writing to the department within forty-five days of the date of the notice. Upon receipt of this written notice of dispute, the department shall notify the employer of the right to resolve such dispute through arbitration. The state and the employer shall submit to an arbitration process to be established by the department by rule, and in conformance with the guidelines and rules of the American Arbitration Association or other arbitration process mutually agreed upon by the employer and

the state. If at any time prior to the department pursuing an enforcement action to enforce the monetary penalty provisions of subsection 1 of this section against the employer, the employer pays the back wages as determined by either the department or the arbitrator, the department shall be precluded from initiating any enforcement action to impose the monetary penalty provisions of subsection 1 of this section.

- 4. If the employer fails to pay all wages due as determined by the arbitrator within forty-five days following the conclusion of the arbitration process, or if the employer fails to exercise the right to seek arbitration, the department may then pursue an enforcement action to enforce the monetary penalty provisions of subsection 1 of this section against the employer. If the court orders payment of the penalties as prescribed in subsection 1 of this section, the department shall be entitled to recover its actual cost of enforcement from such penalty amount.
- 5. Nothing in this section shall be interpreted as precluding an action for enforcement filed by an aggrieved employee as otherwise provided in law.

Determination of hourly rate for heavy and highway construction work, when made, where filed, objections, hearing, determination.

- 290.260. 1. The department, as it deems necessary, shall from time to time investigate and determine the prevailing hourly rate of wages for heavy and highway construction work in the localities. In doing so, the department shall accept and consider information regarding local wage rates that is submitted in either paper or electronic formats. A determination applicable to every locality to be contained in a general wage order shall be made annually on or before July first of each year for the Missouri state highways and transportation commission and shall remain in effect until superseded by a new general wage order. In determining prevailing rates, the department shall ascertain and consider the applicable wage rates established by collective bargaining agreements, if any, and the rates that are paid generally within the locality.
- 2. A certified copy of the determination so made shall be filed immediately with the secretary of state and with the department in Jefferson City. Copies shall be supplied by the department to all persons requesting them within ten days after the filing.
- 3. At any time within thirty days after the certified copies of the determinations have been filed with the secretary of state and the department, any person who is affected thereby may object in writing to the determination or the part thereof that he deems objectionable by filing a written notice with the department, stating the specific grounds of the objection.
- 4. Within thirty days of the receipt of the objection, the department shall set a date for a hearing on the objection. The date for the hearing shall be within sixty days of the receipt of the objection. Written notice of the time and place of the hearing shall be given to the objectors at least ten days prior to the date set for the hearing.
- 5. The department at its discretion may hear each written objection separately or consolidate for hearing any two or more written objections. At the hearing the department shall first introduce in evidence the investigation it instituted and the other facts which were considered at the time of the original determination which formed the basis for its determination. The department, or the objector, or any interested party, thereafter may introduce any evidence that is material to the issues.

- 6. Within twenty days of the conclusion of the hearing, the department must rule on the written objection and make the final determination that it believes the evidence warrants. Immediately, the department shall file a certified copy of its final determination with the secretary of state and with the department and shall serve a copy of the final determination on all parties to the proceedings by personal service or by registered mail.
- 7. This final decision of the department of the prevailing wages in the locality is subject to review in accordance with the provisions of chapter 536. Any person affected, whether or not the person participated in the proceedings resulting in the final determination, may have the decision of the department reviewed. The filing of the final determination with the secretary of state shall be considered a service of the final determination on persons not participating in the administrative proceedings resulting in the final determination.
- 8. At any time before trial any person affected by the final determination of the department may intervene in the proceedings to review under chapter 536 and be made a party to the proceedings.
- 9. All proceedings in any court affecting a determination of the department under the provisions of sections 290.210 to 290.340 shall have priority in hearing and determination over all other civil proceedings pending in the court, except election contests.

Determination of hourly rate by location and occupation title, when made, where filed-objections, hearings--final determination--notice to department by public body, when.

- 290.262. 1. Except as otherwise provided in section 290.260, the department shall annually determine the prevailing hourly rate of wages in each locality for each separate occupational title. In doing so, the department shall accept and consider information regarding local wage rates that is submitted in either paper or electronic formats. A final determination applicable to every locality to be contained in an annual wage order shall be made annually on or before July first of each year and shall remain in effect until superseded by a new annual wage order or as otherwise provided in this section. The department shall, by March tenth of each year, make an initial determination for each occupational title within the locality.
- 2. The prevailing wage rate for an occupational title in a locality shall, with the exception of localities that are counties of the third and fourth classification and any county of the second classification with more than fifty-eight thousand but fewer than sixty-five thousand inhabitants, be the wage rate most commonly paid, as measured by the number of hours worked at each wage rate, for that occupational title within that locality. In determining such prevailing wage rates, the department shall ascertain and consider the applicable wage rates established by collective bargaining agreements, if any, when no wages were reported.
- 3. With respect only to localities that are counties of the third and fourth classification and any county of the second classification with more than fifty-eight thousand but fewer than sixty-five thousand inhabitants, the prevailing wage rate for an occupational title within such locality shall be determined in the following manner:
- (1) The total number of hours worked that are not paid pursuant to a collective bargaining agreement for the time period in that occupational title in the locality and the total number of hours worked that are paid pursuant to a collective bargaining agreement for the time period in that occupational title in the locality shall be considered;

- (2) If the total number of hours that are not paid pursuant to a collective bargaining agreement, in the aggregate, exceeds the total number of hours that are paid pursuant to such an agreement, in the aggregate, then the prevailing wage rate shall be the rate most commonly paid that is not paid pursuant to a collective bargaining agreement as measured by the number of hours worked at such rate for that occupational title within the locality;
- (3) If the total number of hours that are paid pursuant to a collective bargaining agreement, in the aggregate, exceeds the total number of hours that are not paid pursuant to such an agreement, in the aggregate, then the prevailing wage rate shall be the rate most commonly paid that is paid pursuant to a collective bargaining agreement as measured by the number of hours worked at such rate for that occupational title within the locality;
- (4) If no work within a particular occupational title has been performed in a locality at any wage rate, the prevailing wage rate for that occupational title in that locality shall be determined in the following manner:
- (a) If wages were reported for an occupational title within a locality within the previous six annual wage order reporting periods and the prevailing wage rate was determined by a collective bargaining agreement by hours worked pursuant to such agreement in the most recent annual wage order reporting period where such wages were reported, then the wage rate paid pursuant to the current collective bargaining agreement shall be the prevailing rate for that occupational title within the locality;
- (b) If wages were reported for an occupational title within a locality within the previous six annual wage order reporting periods and the prevailing wage rate was not determined by hours worked pursuant to a collective bargaining agreement in the most recent annual wage order reporting period where such wages were reported, then the wage rate paid in the most recent annual wage order reporting period when such wages were reported shall be the prevailing wage rate for that occupational title within the locality;
- (c) If no wages were reported for an occupational title within a locality within the previous six annual wage order reporting periods, the department shall examine hours and wages reported in all adjacent Missouri counties during the same periods. The most recent reported wage rate in a given wage order period in the adjacent Missouri county with the most reported hours actually worked for that occupational title in the wage period during the previous six annual wage order reporting periods shall be used to determine the prevailing wage rate;
- (d) If no wages were reported for an occupational title within any adjacent Missouri county within the previous six annual wage order reporting periods, then the rate paid pursuant to the current collective bargaining agreement shall be the prevailing wage rate for that occupational title within the locality.
- 4. A certified copy of the initial determinations so made shall be filed immediately with the secretary of state and with the department in Jefferson City. Copies shall be supplied by the department to all persons requesting them within ten days after the filing.
- 5. At any time within thirty days after the certified copies of the determinations have been filed with the secretary of state and the department, any person who is affected thereby may object in writing to a determination or a part thereof that he deems objectionable by filing a written

notice with the department, stating the specific grounds of the objection. If no objection is filed, the determination is final after thirty days.

- 6. After the receipt of the objection, the department shall set a date for a hearing on the objection. The date for the hearing shall be within sixty days of the receipt of the objection. Written notice of the time and place of the hearing shall be given to the objectors at least ten days prior to the date set for the hearing.
- 7. The department at its discretion may hear each written objection separately or consolidate for hearing any two or more written objections. At the hearing the department shall first introduce in evidence the investigation it instituted and the other facts which were considered at the time of the original determination which formed the basis for its determination. The department, or the objector, or any interested party, thereafter may introduce any evidence that is material to the issues.
- 8. Within twenty days of the conclusion of the hearing, the department shall rule on the written objection and make the final determination that it believes the evidence warrants. Immediately, the department shall file a certified copy of its final determination with the secretary of state and with the department and shall serve a copy of the final determination on all parties to the proceedings by personal service or by registered mail.
- 9. This final decision of the department of the prevailing wages in the locality for each occupational title is subject to review in accordance with the provisions of chapter 536. Any person affected, whether or not the person participated in the proceedings resulting in the final determination, may have the decision of the department reviewed. The filing of the final determination with the secretary of state shall be considered a service of the final determination on persons not participating in the administrative proceedings resulting in the final determination.
- 10. At any time before trial any person affected by the final determination of the department may intervene in the proceedings to review under chapter 536 and be made a party to the proceedings.
- 11. Any annual wage order made for a particular occupational title in a locality, that is based on the number of hours worked under a collective bargaining agreement, may be altered once each year, as provided in this subsection. The prevailing wage for each such occupational title may be adjusted on the anniversary date of any collective bargaining agreement which covers all persons in that particular occupational title in the locality in accordance with any annual incremental wage increases set in the collective bargaining agreement. If the prevailing wage for an occupational title is adjusted pursuant to this subsection, the employee's representative or employer in regard to such collective bargaining agreement shall notify the department of this adjustment, including the effective date of the adjustment. The adjusted prevailing wage shall be in effect until the next final annual wage order is issued pursuant to this section. The wage rates for any particular job, contracted and commenced within sixty days of the contract date, which were set as a result of the annual or revised wage order, shall remain in effect for the duration of that particular job.
- 12. In addition to all other reporting requirements of sections 290.210 to 290.340, each public body which is awarding a contract for a public works project shall, prior to beginning of any work on such public works project, notify the department, on a form prescribed by the department, of

the scope of the work to be done, the various types of craftsmen who will be needed on the project, and the date work will commence on the project.

Hourly wage must equal or exceed federal minimum wage.

290.263. The hourly wages to be paid as prescribed in section 290.250 to workmen upon public works shall not be less than the minimum wage specified under Section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended.

Wage rates posted, where.

290.265. A clearly legible statement of all prevailing hourly wage rates to be paid to all workmen employed in order to execute the contract and employed on the construction of the public works shall be kept posted in a prominent and easily accessible place at the site thereof by each contractor and subcontractor engaged in the public works projects under the provisions of this law and such notice shall remain posted during the full time that any such workman shall be employed on the public works.

Declaration as to prevailing wages final--maximum wages and hours not limited.

290.270. The finding of the department ascertaining and declaring the prevailing hourly rate of wages shall be final for the locality, unless reviewed under the provisions of sections 290.210 to 290.340. Nothing in sections 290.210 to 290.340, however, shall be construed to prohibit the payment to any workman employed on any public work of more than the prevailing rate of wages. Nothing in sections 290.210 to 290.340 shall be construed to limit the hours of work which may be performed by any workman in any particular period of time.

Administration of oaths--subpoenas--enforcement of subpoenas.

290.280. The authorized representative of the department may administer oaths, take or cause to be taken the depositions of witnesses, and require by subpoena the attendance and testimony of witnesses and the production of all books, records, and other evidence relative to any matter under investigation or hearing. The subpoena shall be signed and issued by the department's authorized representative. In case of failure of any person to comply with any subpoena lawfully issued under this section, or on the refusal of any witness to produce evidence or to testify to any matter regarding which he may be lawfully interrogated, the authorized representative of the department may proceed to enforce obedience to the subpoenas in the manner provided by section 536.077 for administrative agencies. The authorized representative of the department shall have the power to certify to official acts.

Contractor's payroll records, contents--affidavit of compliance required--signs on motor vehicles and equipment, requirements--temporary stationary sign, when--exception.

290.290. 1. The contractor and each subcontractor engaged in any construction of public works shall keep full and accurate records clearly indicating the names, occupations and crafts of every workman employed by them in connection with the public work together with an accurate record of the number of hours worked by each workman and the actual wages paid therefor. The payroll records required to be so kept shall be open to inspection by any authorized representative of the contracting public body or of the department at any reasonable time and as often as may be necessary and such records shall not be destroyed or removed from the

state for the period of one year following the completion of the public work in connection with which the records are made.

- 2. Each contractor and subcontractor shall file with the contracting public body upon completion of the public work and prior to final payment therefor an affidavit stating that he had fully complied with the provisions and requirements of this chapter, and no public body shall be authorized to make final payment until such affidavit is filed therewith in proper form and order.
- 3. Each contractor and subcontractor engaged in any construction of public works shall have its name, acceptable abbreviation or recognizable logo and the name of the city and state of the mailing address of the principal office of the company, on each motor vehicle and motorized self-propelled piece of equipment which is used in connection with such public works project during the time the contractor or subcontractor is engaged on such project. The sign shall be legible from a distance of twenty feet but the size of the lettering need not be larger than two inches. In cases where equipment is leased or where affixing a legible sign to the equipment is impractical, the contractor may place a temporary stationary sign, with the information required pursuant to this subsection, at the main entrance of the construction project in place of affixing the required information on the equipment so long as such sign is not in violation of any state or federal statute, rule or regulation. Motor vehicles which are required to have similar information affixed thereto pursuant to requirements of a regulatory agency of the state or federal government are exempt from the provisions of this subsection.
- 4. The provisions of subsection 3 of this section shall not apply to construction of public works for which the contract awarded is in the amount of two hundred fifty thousand dollars or less.

Actions for prevailing wages by workman authorized.

290.300. Any workman employed by the contractor or by any subcontractor under the contractor who shall be paid for his services in a sum less than the stipulated rates for work done under the contract, shall have a right of action for double whatever difference there may be between the amount so paid and the rates provided by the contract together with a reasonable attorney's fee to be determined by the court, and an action brought to recover same shall be deemed to be a suit for wages, and any and all judgments entered therein shall have the same force and effect as other judgments for wages.

Rebates by workmen prohibited, exception.

290.305. No person, firm or corporation shall violate the wage provisions of any contract contemplated in sections 290.210 to 290.340 or suffer or require any employee to work for less than the rate of wages so fixed, or violate any of the provisions contained in sections 290.210 to 290.340. Where workmen are employed and their rate of wages has been determined as provided in sections 290.210 to 290.340, no person, either for himself or any other person, shall request, demand or receive, either before or after such workman is engaged, that such workman pay back, return, donate, contribute, or give any part or all of said workman's wages, salary, or thing of value, to any person, upon the statement, representation, or understanding that failure to comply with such request or demand will prevent such workman from procuring or retaining employment, and no person shall, directly or indirectly, pay, request or authorize any other person to violate this section. This section does not apply to any agent or representative of a duly constituted labor organization acting in the collection of dues or assessments of such organization.

Deductions from wages, agreement to be written, approval of public body required.

290.315. All contractors and subcontractors required in sections 290.210 to 290.340 to pay not less than the prevailing rate of wages shall make full payment of such wages in legal tender, without any deduction for food, sleeping accommodations, transportation, use of small tools, or any other thing of any kind or description. This section does not apply where the employer and employee enter into an agreement in writing at the beginning of said term of employment covering deductions for food, sleeping accommodations, or other similar items, provided such agreement is submitted by the employer to the public body awarding the contract and the same is approved by such public body as fair and reasonable.

Advertising for bids before prevailing wage is determined prohibited.

290.320. No public body, officer, official, member, agent or representative authorized to contract for public works shall fail, before advertising for bids or contracting for such construction, to have the department determine the prevailing rates of wages of workmen for each class of work called for by the public works in the locality where the work is to be performed as provided in sections 290.210 to 290.340.

Awarding contract or payment without prevailing wage determination prohibited.

290.325. No public body, officer, official, member, agent or representative thereof authorized to contract for public works shall award a contract for the construction of such improvement or disburse any funds on account of the construction of such public improvement, unless such public body has first had the department determine the prevailing rates of wages of workmen for the class of work called for by such public works in the locality where the work is to be performed and such determination has been made a part of the specifications and contract for such public works.

Convicted violators of sections 290.210 to 290.340 listed, effect of.

290.330. The department after investigation, upon complaint or upon its own initiative, shall file with the secretary of state a list of the contractors and subcontractors who it finds have been prosecuted and convicted for violations of sections 290.210 to 290.340 and such contractor or subcontractor, or simulations thereof, shall be prohibited from contracting directly or indirectly with any public body for the construction of any public works or from performing any work on the same as a contractor or subcontractor for a period of one year from the date of the first conviction for such violation and for a period of three years from the date of each subsequent violation and conviction thereof. No public body shall award a contract for a public works to any contractor or subcontractor, or simulation thereof, during the time that its name appears on said list. The filing of the notice of conviction with the secretary of state shall be notice to all public bodies and their officers, officials, members, agents and representatives.

Notice of violation, failure to comply, attorney general shall sue, injunctive relief authorized.

290.335. If it is found that a public body, contractor or subcontractor has not complied with any of the terms of sections 290.210 to 290.340, the department shall give notice of the precise violation in writing to such public body, contractor or subcontractor. Sufficient time may be allowed for compliance therewith as the department deems necessary. After the expiration of

the time prescribed in said notice, the department may in writing inform the attorney general of the fact that such notice has been given and that the public body, contractor or subcontractor or the authorized representative or agent thereof to whom it was directed has not complied with such notice. Upon receipt thereof, the attorney general shall at the earliest possible time bring suit in the name of the state in the circuit court of the county in which such public body is located or where any such contractor or subcontractor is engaged in any public works to enjoin the award of such contract for a public works, or any further work or payments thereunder if the contract has been awarded, until the requirements of such notice are fully complied with. The court may issue a temporary restraining order with due notice to the defendant in such action. The plaintiff shall in any such injunctive action post an adequate bond to be set by the circuit judge. Upon final hearing thereof, if the court is satisfied that the requirements of the notice by the department to the defendant were not unreasonable or arbitrary, it shall issue an order enjoining the awarding of such contract for a public works, or any further work or payments thereunder if the contract has been awarded, until the notice is fully complied with. Such injunction shall continue operative until the court is satisfied that the requirements of such notice have been complied with and the court shall have and exercise with respect to the enforcement of such injunctions all the power in it in other similar cases. Both the plaintiff and defendant in such action have the same rights of appeal as are provided by law in other injunction proceedings.

Penalty for violation.

290.340. Any officer, official, member, agent or representative of any public body, contractor or subcontractor who willfully violates and omits to comply with any of the provisions and requirements of sections 290.210 to 290.340 shall be punished for each violation thereof by a fine not exceeding five hundred dollars, or by imprisonment not exceeding six months, or by both such fine and imprisonment. Each day such violation or omission continues shall constitute a separate offense as contemplated by this section.



MISSOURI DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS DIVISION OF LABOR STANDARDS

AFFIDAVIT COMPLIANCE WITH THE PREVAILING WAGE LAW

Ι,	, upon being duly sworn upon my oath state that: (1) I am the
	(Name)
(Title)	of; (2) all requirements of; (2) all requirements of
, ,	340, RSMo, pertaining to the payment of wages to workers employed on public works projects
	efied with regard to this company's work on;
have been fully saids	(Name of Project)
(3) I have reviewed	and am familiar with the prevailing wage rules in 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 record	s clearly indicating (a) the names, occupations, and crafts of every worker employed by this
company in connec	tion with this project together with an accurate record of the number of hours worked by each
worker and the actu	al wages paid for each class or type of work performed, (b) the payroll deductions that have been
	ter, and (c) the amounts paid to provide fringe benefits, if any, for each worker; (5) the amounts
	ge benefits, if any, were irrevocably paid to a trustee or to a third party pursuant to a fund, plan,
•	If of the workers; (6) these payroll records are kept and have been provided for inspection to the
	tative of the contracting public body and will be available, as often as may be necessary, to such
•	puri Department of Labor and Industrial Relations; (7) such records shall not be destroyed or
•	state for one year following the completion of this company's work on this project; (8) when in
	nents of §§ 290.550 through 290.580, RSMo, pertaining to excessive unemployment were fully
•	there has been no exception to the full and complete compliance with the provisions and
	nual Wage Order No Section issued by the Missouri Division of Labor Standards
_	
	is project located in County, Missouri, and completed on the day or
The matters	, s stated herein are true to the best of my information, knowledge, and belief. I acknowledge that
	any information set out above may subject me to criminal prosecution pursuant to §§290.340
	575.050, or 575.060, RSMo.
370.050, 373.010, 2	73.030, 01 373.000, 103.120.
	Signature
Subscribed and swo	orn to me this,,
My commission ex	pires
Notary Public	
	Receipt by Authorized Public Representative

Missouri Division of Labor Standards

WAGE AND HOUR SECTION



MICHAEL L. PARSON, Governor

Annual Wage Order No. 30

Section 022
CHRISTIAN 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
Todd Smith, Director
Division of Labor Standards

Filed With Secretary of State: March 10, 2023

Last Date Objections May Be Filed: April 10, 2023

Prepared by Missouri Department of Labor and Industrial Relations

	**Prevailing			
OCCUPATIONAL TITLE	Hourly			
	Rate			
Asbestos Worker	\$21.50			
Boilermaker	\$23.45*			
Bricklayer	\$50.77			
Carpenter	\$46.73			
Lather				
Linoleum Layer				
Millwright				
Pile Driver				
Cement Mason	\$38.46			
Plasterer	φοσ. το			
Communications Technician	\$23.45*			
Electrician (Inside Wireman)	\$44.82			
Electrician Outside Lineman	\$23.45*			
Lineman Operator	,			
Lineman - Tree Trimmer				
Groundman	1			
Groundman - Tree Trimmer				
Elevator Constructor	\$23.45*			
Glazier	\$41.59			
Ironworker	\$64.66			
Laborer	\$39.11			
General Laborer	ψου.11			
First Semi-Skilled				
Second Semi-Skilled				
Mason	\$23.45*			
Marble Mason	4=01.10			
Marble Finisher				
Terrazzo Worker				
Terrazzo Finisher				
Tile Setter				
Tile Finisher				
Operating Engineer	\$45.20			
Group I				
Group II				
Group III				
Group III-A				
Group IV				
Group V				
Painter	\$40.48			
Plumber	\$50.29			
Pipe Fitter	·			
Roofer	\$40.95			
Sheet Metal Worker	\$48.35			
Sprinkler Fitter	\$64.44			
Truck Driver	\$23.45*			
Truck Control Service Driver				
Group I				
Group II				
Group III				
Group IV				

^{*}The Division of Labor Standards received fewer than 1,000 reportable hours for this occupational title. The 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 as defined in RSMO Section 290.210.

CHING HAN County	
OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Carpenter	\$23.45*
Millwright	Ψ20.40
Pile Driver	
Electrician (Outside Lineman)	\$23.45*
Lineman Operator	
Lineman - Tree Trimmer	
Groundman	
Groundman - Tree Trimmer	
Laborer	\$43.50
General Laborer	
Skilled Laborer	
Operating Engineer	\$50.83
Group I	
Group II	
Group III	
Group IV	
Truck Driver	\$23.45*
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 fewer 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.

EJCDC		Contractor's A	pplication for	Payment No.			
ENGINEERS JOINT CONTRAC DOCUMENTS COMMITTEE	СТ	Application Period:		Application Date:			
To (Owner):		From (Contractor):		Via (Engineer):			
Project:		Contract:					
Owner's Contract No.:		Contractor's Project No.:		Engineer's Project No.:			
	Application For Payment Change Order Summary		1				
Approved Change Orders			1. ORIGINAL CONTE	RACT PRICE	. s		
Number	Additions	Deductions	2. Net change by Chan	ge Orders	. s		
			3. Current Contract Pr	rice (Line 1 ± 2)	. \$		
			4. TOTAL COMPLET	ED AND STORED TO DATE			
			(Column F total on I	Progress Estimates)	. s		
			5. RETAINAGE:				
			a.	X Work Completed	s		
			b.	X Stored Material			
				Retainage (Line 5.a + Line 5.b)			
				LE TO DATE (Line 4 - Line 5.c)			
TOTALS			1	AYMENTS (Line 6 from prior Application)			
NET CHANGE BY				IS APPLICATION	S		
CHANGE ORDERS			<u> </u>	SH, PLUS RETAINAGE			
			(Column G total on F	Progress Estimates + Line 5.c above)	. \$		
Contractor's Certification]				
	ertifies, to the best of its knowledge,		Payment of:	3			
	ments received from Owner on accout to discharge Contractor's legitimate of Applications for Payment:			(Line 8 or other - attach explanation of th	e other amount)		
	s and equipment incorporated in said		is recommended by:				
Liens, security interests, and e	or Payment, will pass to Owner at time encumbrances (except such as are covering such Liens, security interest, or early	ered by a bond acceptable to Owner		(Engineer)	(Date)		
(3) All the Work covered by the and is not defective.	his Application for Payment is in acc	ordance with the Contract Documents					
and is not defective.							
			is approved by:	(Owner)	(Date)		
Contractor Signature			-				
By:		Date:					

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):				Application Number:				
Application Period:				Application Date:				
			Work Co	ompleted	Е	F		G
	A	В	С	D	Materials Presently	Total Completed		Balance to Finish
Specification Section No.	Description	Scheduled Value (\$)	From Previous Application (C+D)	This Period	Stored (not in C or D)	and Stored to Date (C + D + E)	% (F / B)	(B - F)
	Totals							

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract):								Application Number:			
Application Period:							Application Date:				
A B C D						Е	F				
Item Contract Information			n	Estimated	Value of Work		Total Completed				
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)	Quantity Installed	Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
	m ()										
	Totals								<u> </u>	J	

Stored Material Summary

Contractor's Application

Bid Supplier (with Supplier) (with No. 1 No.	For (Contract):								Application Number:			
Bid Item Item Item Storage Supplier Item I	Application Period:								Application Date:			
Bid Item Supplier Supplie		A	В		C	I)	Е	0.14.4.1.4]	F	G
Item No. Invive No. Specification Survey Description of Materials or Equipment Stored Index Survey Invive No. Specification Survey Specification Survey Secription of Materials or Equipment Stored Index Inde	Did		Submittal No.			Stored Previously				Incorporated in Work		
	Item	Supplier Invoice No.	Specification		Description of Materials or Equipment Stored	into Storage			Stored to Date			in Storage (\$)
					Totals	1	<u> </u>	1		1		1

REQUEST FOR INTERPRETATION

OSRD 2024 Striping Services

		RFI NO.		
ENGINEER: _	Toth and Associ	ates, Inc.		
CONTRACTOR:				
THIS REQUEST	BY:			
	(Name o	f the Contractor's Rep	resentative)	
REFERENCE:	DIVISION	SECTION	PLAN SHEET NO	
	D	ESCRIPTION ON INTI	ERPRETATION	
		·		
ATTACHMENTS	::			
INTERPRETATION	ON BY:		DATE:	
ATTACHMENTS	3:			
CAUTION:	THE GENERAL C	ONDITIONS SPECIFY	Y THAT IF THE CONTRAC	TOR BELIEVES AN
INTERPRETATION OF AN AMERICAN CONTRACT THE PROCEEDING NOTES ON WHETHER AMERICAN OF AN AMERICAN CONTRACT CONTRAC	ON OR CLARIFI ME, THE CONTR WITH THE WORK R TO PROCEED V ANY INCREASES	CATION JUSTIFIES RACTOR SHALL NOT INVOLVED. FURTHE WITH WORK INVOLVE ARE DUE AT ALL, OASES, THE CONTRA	AN INCREASE IN CONTRACT AN INCREASE IN CONTRACTOR IN R, IF THE CONTRACTOR IS BEFORE FULL AGREET R IF ANY DETERMINED TO COTOR SHALL FURNISH TO THE RESERVENT OF	TRACT PRICE OR WRITING BEFORE S AUTHORIZED BY MENT IS REACHED O BE DUE, ON THE
CC:				

Field Order No							
Date of Issuance:	Effective Date:						
Owner: Ozark Special Road District	Owner's Contract No.:						
Contractor:	Contractor's Project No.:						
Engineer: Toth and Associates, Inc.	Engineer's Project No.: 97.001.038						
Project: OSRD 2024 Striping Services	Contract Name: OSRD 2024 Striping Services						
Conditions Paragraph 11.01, for minor changes Times. If Contractor considers that a change in Change Proposal before proceeding with this W	ute this Field Order, issued in accordance with General in the Work without changes in Contract Price or Contract Contract Price or Contract Times is required, submit a Work.						
Reference: Specification(s)	 Drawing(s) / Detail(s)						
Attachments:							
ISSUED:	RECEIVED:						
By:	Ву:						
Engineer (Authorized Signature)	Contractor (Authorized Signature)						
Title	Title						

Date: ______Date: _____

Copy to: Owner

Date of Issuance:	Effec	ctive Date:	
Owner: Ozark Special Road Distri	ct Own	er's Contract No.:	
Contractor:	Cont	tractor's Project No.:	
Engineer: Toth and Associates, In	c. Engi	neer's Project No.: 97.001.038	
Project: OSRD 2024 Striping Serv	ices Cont	tract Name: OSRD 2024 Striping Service	S
Contractor is directed to proceed Description:	promptly with the follo	owing change(s):	
Attachments: [List documents su	oporting change]		
Purpose for Work Change Directive to proceed promptly with and Contract Time, is issued due	the Work described	herein, prior to agreeing to changes on Co n of the following]	ontract Price
☐Non-agreement on pricin	g of proposed change	e.	
☐ Necessity to proceed for	schedule or other Pr	oject reasons.	
Estimated Change in Contract F	Price and Contract T	imes (non-binding, preliminary):	
Contract Price \$ Contract Time days		[increase] [decrease]. [increase] [decrease].	
Basis of estimated change in Co	ontract Price:	☐ Unit Drice	
☐ Lump Sum☐ Cost of the Work		☐ Unit Price ☐ Other	
RECOMMENDED:	AUTHORIZ		·
By:	Ву:	By:	
Engineer (Authorized Signature)	Owner (Au Signature)		rized
Title:	Title:	Title:	

Date:

Date:

Date

Work Change Directive No. ____

CHANGE ORDER

Sheet No of	Change Order No				
	County	Christian			
Contractor	Project				
You are herby directed to make the following changes from the contract	Job No.				
1. Description and reason for change (attach supplemental sheets if require	**************************************	**			
2. Estimate of cost of work affected by this change order:					

Α	В	С	D	E	F	G	Н	I
Est. Line No.	Contract Item No.	Item Description	Units	Units Previously Provided For	Units to be Constructed	Units Increased or Decreased	Contract or Agreed Unit Price	Amount of Increase or Decrease
							Total	

3. Settlement for cost of the above change to be made at Contract Unit Prices except as noted:

1. CONTRACT AMOUNT	\$ -
2. INCREASE THIS ORDER	\$ -
3. INCREASE PREVIOUS	\$ -
4. TOTAL INCREASE TO DATE	\$ -
5. TOTAL	\$ -

_	e Order, when executed, constitutes a y any previous Change Orders, shall a		provisions of the Contract, except as modified
Engineer Ap	oproval: sociates, Inc.	Contractor A	pproval:
By (Print):		By (Print):	
Signature:		Signature:	
Date_		Date_	
Owner Appi Ozark Speci	r oval: al Road District		
By (Print):			
Signature:			
Date_			

Sheet No. _____ of

LIEN WAIVER

DATE	
ТО	
Re:	OSRD 2024 Striping Services
Dear S	ir:
this co	y that I have paid in full for all materials purchased and all labor employed in the performance of ntract, and that there are no claims against me as an employer under this contract on account of sustained by workmen employed by me thereunder. I hereby release you from any claims arising ue of this contract.
	ttaching form "Release by Claimants", signed by all persons from whom I have purchased materials all persons employed in connection with my contract with the above named owner.
Contra	ctor

RELEASE BY CLAIMANTS

	DATE	·		
STATE OF				
COUNTY OF				
WHEREAS, we the undersignedbeen employed by			to	furnish
NOW, THEREFORE, know ye, that I (we) the unc	dersigned for a	and in conside	eration of the	sum of
(words)			_	
(Numbers) \$ and other good and v				
hereby acknowledged do hereby waive and release any construction project and premises under the statutes of			_	
Mechanic's Liens, on account of labor, or materials, or				
account of the said		•	· ·	
and premises.		101 3410		Гргојсс
Given under our hands and seals this day o	of		20	
	Signature			
WITNESS:				
My Commission Expires:				



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

	Name of Exempt Entity Issuing the Certificate					Missouri Tax Exemption Number			
	Address			City			State	Zip Code	
	E-mail Address								
ation	Project Number	1 -	t Begin Date (MM/D	· I			Project End Date (MM/DD/YYYY)		
Project Number Project Begin Date (MM/DD/YYYY) Description of Project Project Location Project Begin Date (MM/DD/YYYY) Fishing Project Number Project Begin Date (MM/DD/YYYY) Fishing Project Location									
Exempt	Project Location							te (MM/DD/YYYY)	
	This exemption does not apply to the purposition of the purposition of the exemption of the	e, along or who ire the v	with a copy of the will be purchasing to	exempt entity's angible personal	Missour	i Sales / for use	and Use in this p	Tax Exemption project. It is the	
	Signature of Authorized Exempt Entity		Printed Name of Au	thorized Exempt	Entity	1	IM/DD/YYY	/) /	
Contractor	The Missouri exempt entity named above hereby authorizes the purchase, without sales tax, of tangible personal proper incorporated or consumed in the construction project identified herein and no other, pursuant to Section 144.062, RSMo 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)				62, RSMo. Under rect.				
ပိ	Address			City			State	Zip Code	
Contractors - Present this to your supplier in order to purchase the necessary materials tax exempt. Complete portion if extending the certificate to your subcontractor. The contractor must sign the form in the space. Name of Purchasing Subcontractor Address City State									
npcon	Address			City			State	Zip Code	
- 0)	Signature of Contractor		Contractor's Printed	l Name		-	/ /	YYY) /	

Form 5060 (Revised 02-2014)

Taxation Division Phone: (573) 751-2836 P.O Box 358 Fax: (573) 751-9409

Jefferson City, MO 65105-0358 **E-mail:** <u>salestaxexemptions@dor.mo.gov</u>



CERTIFICATE OF COMPLETION

Owner:		Owner's	Contract No.:				
Contractor:			or'sProject No.:				
Engineer:		•	's Project No.:				
Project:			Contract Name:				
This [preliminary] [final] Certi	ficate of Substantial	Completion appli	es to:				
All Work		☐ The followin	g specified portions of the Work				
_	Date of Substantia	I Completion					
The Work to which this Certific Contractor, and Engineer, and for Work or portion thereof designates pertaining to Substantial Completion marks the comment by the Contract.	ound to be substantia ated above is hereby etion. The date of Sub	lly complete. The established, subjustantial Completio	Date of Substantial Completion ect to the provisions of the Conning the final Certificate of Subs	of the ontract stantial			
A punch list of items to be con inclusive, and the failure to inclu complete all Work in accordance	ide any items on such						
The responsibilities between Owinsurance, and warranties upon except as amended as follows: should be the product of mutual Conditions.]	Owner's use or occu [Note: Amendments of	pancy of the Work of contractual resp	shall be as provided in the Co onsibilities recorded in this Cer	ntract, <i>tificate</i>			
· <u> </u>	None As follows						
· <u> </u>	None As follows:						
The following documents are atta	ached to and made a _l	part of this Certifica	te: [punch list; others]				
This Certificate does not constitution is it a release of Contractor's obli				ts, nor			
EXECUTED BY ENGINEER:	RECEIV	ED:	RECEIVED:				
Ву:	Ву:	Е	ву:				
(Authorized signature)		rized Signature)	Contractor (Author	orized			
Title:	_ Title:	Т	itle:				
Date:	_ Date:	[Date:				

STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

TABLE OF CONTENTS

		Page
ARTICLE 1	 Definitions and Terminology 	1
1.01	Defined Terms	1
1.02	Terminology	5
ARTICLE 2	– Preliminary Matters	6
2.01	Delivery of Bonds and Evidence of Insurance	6
2.02	Copies of Documents	6
2.03	Before Starting Construction	6
2.04	Preconstruction Conference; Designation of Authorized Representatives	7
2.05	Initial Acceptance of Schedules	7
2.06	Electronic Transmittals	7
ARTICLE 3	– Documents: Intent, Requirements, Reuse	8
3.01	Intent	8
3.02	Reference Standards	8
3.03	Reporting and Resolving Discrepancies	8
3.04	Requirements of the Contract Documents	9
3.05	Reuse of Documents	10
ARTICLE 4	 Commencement and Progress of the Work 	10
4.01	Commencement of Contract Times; Notice to Proceed	10
4.02	Starting the Work	10
4.03	Reference Points	10
4.04	Progress Schedule	10
4.05	Delays in Contractor's Progress	11
	– Availability of Lands; Subsurface and Physical Conditions; Hazardous E	
5.01	Availability of Lands	12
5.02	Use of Site and Other Areas	12
5.03	Subsurface and Physical Conditions	13
5.04	Differing Subsurface or Physical Conditions	13
5.05	Underground Facilities	14

5.06	Hazardous Environmental Conditions at Site	16
ARTICLE 6 -	- Bonds and Insurance	18
6.01	Performance, Payment, and Other Bonds	18
6.02	Insurance—General Provisions	18
6.03	Contractor's Insurance	20
6.04	Owner's Liability Insurance	23
6.05	Property Insurance	23
6.06	Waiver of Rights	25
6.07	Receipt and Application of Property Insurance Proceeds	26
ARTICLE 7 -	- Contractor's Responsibilities	26
7.01	Supervision and Superintendence	26
7.02	Labor; Working Hours	27
7.03	Services, Materials, and Equipment	27
7.04	"Or Equals"	27
7.05	Substitutes	29
7.06	Concerning Subcontractors, Suppliers, and Others	30
7.07	Patent Fees and Royalties	31
7.08	Permits	32
7.09	Taxes	32
7.10	Laws and Regulations	33
7.11	Record Documents	33
7.12	Safety and Protection	33
7.13	Safety Representative	34
7.14	Hazard Communication Programs	34
7.15	Emergencies	34
7.16	Shop Drawings, Samples, and Other Submittals	35
7.17	Contractor's General Warranty and Guarantee	37
7.18	Indemnification	37
7.19	Delegation of Professional Design Services	38
ARTICLE 8 -	- Other Work at the Site	39
8.01	Other Work	39
8.02	Coordination	39
8.03	Legal Relationships	40

ART	ICLE 9 –	Owner's Responsibilities	41
	9.01	Communications to Contractor	41
	9.02	Replacement of Engineer	41
	9.03	Furnish Data	41
	9.04	Pay When Due	41
	9.05	Lands and Easements; Reports, Tests, and Drawings	41
	9.06	Insurance	41
	9.07	Change Orders	41
	9.08	Inspections, Tests, and Approvals	41
	9.09	Limitations on Owner's Responsibilities	41
	9.10	Undisclosed Hazardous Environmental Condition	42
	9.11	Evidence of Financial Arrangements	42
	9.12	Safety Programs	42
ART	ICLE 10	 Engineer's Status During Construction 	42
	10.01	Owner's Representative	42
	10.02	Visits to Site	42
	10.03	Project Representative	42
	10.04	Rejecting Defective Work	45
	10.05	Shop Drawings, Change Orders and Payments	45
	10.06	Determinations for Unit Price Work	46
	10.07	Decisions on Requirements of Contract Documents and Acceptability of Work	46
	10.08	Limitations on Engineer's Authority and Responsibilities	46
	10.09	Compliance with Safety Program	46
ART	ICLE 11	 Amending the Contract Documents; Changes in the Work 	47
	11.01	Amending and Supplementing Contract Documents	47
	11.02	Owner-Authorized Changes in the Work	47
	11.03	Unauthorized Changes in the Work	48
	11.04	Change of Contract Price	48
	11.05	Change of Contract Times	49
	11.06	Change Proposals	49
	11.07	Execution of Change Orders	50
	11.08	Notification to Surety	50
ART	ICLE 12	– Claims	50

	12.01	Claims	50
ARTI	CLE 13	– Cost of the Work; Allowances; Unit Price Work	. 52
	13.01	Cost of the Work	52
	13.02	Allowances	54
	13.03	Unit Price Work	54
ARTI	CLE 14	– Tests and Inspections; Correction, Removal or Acceptance of Defective Work	. 55
	14.01	Access to Work	55
	14.02	Tests, Inspections, and Approvals	55
	14.03	Defective Work	56
	14.04	Acceptance of Defective Work	57
	14.05	Uncovering Work	57
	14.06	Owner May Stop the Work	57
	14.07	Owner May Correct Defective Work	58
ARTI	CLE 15	Payments to Contractor; Set-Offs; Completion; Correction Period	. 58
	15.01	Progress Payments	58
	15.02	Contractor's Warranty of Title	61
	15.03	Substantial Completion	61
	15.04	Partial Use or Occupancy	62
	15.05	Final Inspection	63
	15.06	Final Payment	63
	15.07	Waiver of Claims	64
	15.08	Correction Period	64
ARTI	CLE 16	– Suspension of Work and Termination	. 65
	16.01	Owner May Suspend Work	65
	16.02	Owner May Terminate for Cause	65
	16.03	Owner May Terminate For Convenience	66
	16.04	Contractor May Stop Work or Terminate	67
ARTI	CLE 17	– Final Resolution of Disputes	. 67
	17.01	Methods and Procedures	67
	17.02	Attorneys' Fees	68
ARTI	CLE 18	– Miscellaneous	. 68
	18.01	Giving Notice	68
	18.02	Computation of Times	68

18.03	Cumulative Remedies	68
18.04	Limitation of Damages	68
18.05	No Waiver	68
18.06	Survival of Obligations	68
18.07	Controlling Law	69
18.08	Headings	69

ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.01 Defined Terms

- A. Wherever used in the Bidding Requirements or Contract Documents, a term printed with initial capital letters, including the term's singular and plural forms, will have the meaning indicated in the definitions below. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
 - Addenda—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 - 2. Agreement—The written instrument, executed by Owner and Contractor, that sets forth the Contract Price and Contract Times, identifies the parties and the Engineer, and designates the specific items that are Contract Documents.
 - 3. Application for Payment—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 - 4. *Bid*—The offer of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 - 5. Bidder—An individual or entity that submits a Bid to Owner.
 - 6. *Bidding Documents*—The Bidding Requirements, the proposed Contract Documents, and all Addenda.
 - 7. Bidding Requirements—The advertisement or invitation to bid, Instructions to Bidders, Bid Bond or other Bid security, if any, the Bid Form, and the Bid with any attachments.
 - 8. Change Order—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, or other revision to the Contract, issued on or after the Effective Date of the Contract.
 - 9. Change Proposal—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment in Contract Price or Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Contract.
 - 10. Claim—(a) A demand or assertion by Owner directly to Contractor, duly submitted in compliance with the procedural requirements set forth herein: seeking an adjustment of Contract Price or Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; contesting Engineer's decision regarding a Change Proposal; seeking resolution of a contractual issue that Engineer has declined to address; or seeking other relief with respect to the terms of the Contract; or (b) a demand or assertion by Contractor directly to Owner, duly submitted in compliance with the procedural requirements set forth herein, contesting Engineer's decision regarding a Change Proposal; or seeking resolution of a contractual issue that Engineer

- has declined to address. A demand for money or services by a third party is not a Claim.
- 11. Constituent of Concern—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. ("CERCLA"); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5501 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. ("RCRA"); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, state, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
- 12. *Contract*—The entire and integrated written contract between the Owner and Contractor concerning the Work.
- 13. *Contract Documents*—Those items so designated in the Agreement, and which together comprise the Contract.
- 14. *Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Contract Documents. .
- 15. Contract Times—The number of days or the dates by which Contractor shall: (a) achieve Milestones, if any; (b) achieve Substantial Completion; and (c) complete the Work.
- 16. *Contractor*—The individual or entity with which Owner has contracted for performance of the Work.
- 17. *Cost of the Work*—See Paragraph 13.01 for definition.
- 18. *Drawings*—The part of the Contract that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
- 19. *Effective Date of the Contract*—The date, indicated in the Agreement, on which the Contract becomes effective.
- 20. Engineer—The individual or entity named as such in the Agreement.
- 21. Field Order—A written order issued by Engineer which requires minor changes in the Work but does not change the Contract Price or the Contract Times.
- 22. Hazardous Environmental Condition—The presence at the Site of Constituents of Concern in such quantities or circumstances that may present a danger to persons or property exposed thereto. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated in the Work, and that are controlled and contained pursuant to industry practices, Laws and Regulations, and the requirements of the Contract, does not establish a Hazardous Environmental Condition.
- 23. Laws and Regulations; Laws or Regulations—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

- 24. *Liens*—Charges, security interests, or encumbrances upon Contract-related funds, real property, or personal property.
- 25. *Milestone*—A principal event in the performance of the Work that the Contract requires Contractor to achieve by an intermediate completion date or by a time prior to Substantial Completion of all the Work.
- 26. *Notice of Award*—The written notice by Owner to a Bidder of Owner's acceptance of the Bid.
- 27. *Notice to Proceed*—A written notice by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.
- 28. *Owner*—The individual or entity with which Contractor has contracted regarding the Work, and which has agreed to pay Contractor for the performance of the Work, pursuant to the terms of the Contract.
- 29. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor's plan to accomplish the Work within the Contract Times.
- 30. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the Work to be performed under the Contract Documents is a part.
- 31. Project Manual—The written documents prepared for, or made available for, procuring and constructing the Work, including but not limited to the Bidding Documents or other construction procurement documents, geotechnical and existing conditions information, the Agreement, bond forms, General Conditions, Supplementary Conditions, and Specifications. The contents of the Project Manual may be bound in one or more volumes.
- 32. Resident Project Representative—The authorized representative of Engineer assigned to assist Engineer at the Site. As used herein, the term Resident Project Representative or "RPR" includes any assistants or field staff of Resident Project Representative.
- 33. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
- 34. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements for Engineer's review of the submittals and the performance of related construction activities.
- 35. Schedule of Values—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.
- 36. Shop Drawings—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Contract Documents.

- 37. Site—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
- 38. Specifications—The part of the Contract that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
- 39. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
- 40. Substantial Completion—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion thereof.
- 41. *Successful Bidder*—The Bidder whose Bid the Owner accepts, and to which the Owner makes an award of contract, subject to stated conditions.
- 42. *Supplementary Conditions*—The part of the Contract that amends or supplements these General Conditions.
- 43. Supplier—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.
- 44. *Technical Data*—Those items expressly identified as Technical Data in the Supplementary Conditions, with respect to either (a) subsurface conditions at the Site, or physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) or (b) Hazardous Environmental Conditions at the Site. If no such express identifications of Technical Data have been made with respect to conditions at the Site, then the data contained in boring logs, recorded measurements of subsurface water levels, laboratory test results, and other factual, objective information regarding conditions at the Site that are set forth in any geotechnical or environmental report prepared for the Project and made available to Contractor are hereby defined as Technical Data with respect to conditions at the Site under Paragraphs 5.03, 5.04, and 5.06.
- 45. Underground Facilities—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including but not limited to those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, fiber optic transmissions, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
- 46. *Unit Price Work*—Work to be paid for on the basis of unit prices.
- 47. Work—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.

48. Work Change Directive—A written directive to Contractor issued on or after the Effective Date of the Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

1.02 Terminology

- A. The words and terms discussed in the following paragraphs are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. Intent of Certain Terms or Adjectives:
 - 1. The Contract Documents include the terms "as allowed," "as approved," "as ordered," "as directed" or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives "reasonable," "suitable," "acceptable," "proper," "satisfactory," or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Article 10 or any other provision of the Contract Documents.

C. Day:

1. The word "day" means a calendar day of 24 hours measured from midnight to the next midnight.

D. *Defective*:

- 1. The word "defective," when modifying the word "Work," refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. does not conform to the Contract Documents; or
 - b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - c. has been damaged prior to Engineer's recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 15.03 or 15.04).

E. Furnish, Install, Perform, Provide:

- The word "furnish," when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
- 2. The word "install," when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.

- 3. The words "perform" or "provide," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
- 4. If the Contract Documents establish an obligation of Contractor with respect to specific services, materials, or equipment, but do not expressly use any of the four words "furnish," "install," "perform," or "provide," then Contractor shall furnish and install said services, materials, or equipment complete and ready for intended use.
- F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.01 Delivery of Bonds and Evidence of Insurance

- A. *Bonds*: When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner such bonds as Contractor may be required to furnish.
- B. *Evidence of Contractor's Insurance*: When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner, with copies to each named insured and additional insured (as identified in the Supplementary Conditions or elsewhere in the Contract), the certificates and other evidence of insurance required to be provided by Contractor in accordance with Article 6.
- C. Evidence of Owner's Insurance: After receipt of the executed counterparts of the Agreement and all required bonds and insurance documentation, Owner shall promptly deliver to Contractor, with copies to each named insured and additional insured (as identified in the Supplementary Conditions or otherwise), the certificates and other evidence of insurance required to be provided by Owner under Article 6.

2.02 Copies of Documents

- A. Owner shall furnish to Contractor three printed copies of the Contract (including one fully executed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies will be furnished upon request at the cost of reproduction.
- B. Owner shall maintain and safeguard at least one original printed record version of the Contract, including Drawings and Specifications signed and sealed by Engineer and other design professionals. Owner shall make such original printed record version of the Contract available to Contractor for review. Owner may delegate the responsibilities under this provision to Engineer.

2.03 Before Starting Construction

- A. *Preliminary Schedules*: Within 10 days after the Effective Date of the Contract (or as otherwise specifically required by the Contract Documents), Contractor shall submit to Engineer for timely review:
 - a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract;
 - 2. a preliminary Schedule of Submittals; and

3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.04 Preconstruction Conference; Designation of Authorized Representatives

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.03.A, procedures for handling Shop Drawings, Samples, and other submittals, processing Applications for Payment, electronic or digital transmittals, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit and receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.05 Initial Acceptance of Schedules

- A. At least 10 days before submission of the first Application for Payment a conference, attended by Contractor, Engineer, and others as appropriate, will be held to review for acceptability to Engineer as provided below the schedules submitted in accordance with Paragraph 2.03.A. Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to Engineer.
 - The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 - 2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 - Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to the component parts of the Work.

2.06 Electronic Transmittals

- A. Except as otherwise stated elsewhere in the Contract, the Owner, Engineer, and Contractor may transmit, and shall accept, Project-related correspondence, text, data, documents, drawings, information, and graphics, including but not limited to Shop Drawings and other submittals, in electronic media or digital format, either directly, or through access to a secure Project website.
- B. If the Contract does not establish protocols for electronic or digital transmittals, then Owner, Engineer, and Contractor shall jointly develop such protocols.
- C. When transmitting items in electronic media or digital format, the transmitting party makes no representations as to long term compatibility, usability, or readability of the items resulting from the recipient's use of software application packages, operating systems, or

computer hardware differing from those used in the drafting or transmittal of the items, or from those established in applicable transmittal protocols.

ARTICLE 3 – DOCUMENTS: INTENT, REQUIREMENTS, REUSE

3.01 Intent

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents.
- C. Unless otherwise stated in the Contract Documents, if there is a discrepancy between the electronic or digital versions of the Contract Documents (including any printed copies derived from such electronic or digital versions) and the printed record version, the printed record version shall govern.
- D. The Contract supersedes prior negotiations, representations, and agreements, whether written or oral.
- E. Engineer will issue clarifications and interpretations of the Contract Documents as provided herein.

3.02 Reference Standards

- A. Standards Specifications, Codes, Laws and Regulations
 - Reference in the Contract Documents to standard specifications, manuals, reference standards, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard specification, manual, reference standard, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Contract if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
 - 2. No provision of any such standard specification, manual, reference standard, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the part of the Contract Documents prepared by or for Engineer. No such provision or instruction shall be effective to assign to Owner, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the part of the Contract Documents prepared by or for Engineer.

3.03 Reporting and Resolving Discrepancies

A. Reporting Discrepancies:

Contractor's Verification of Figures and Field Measurements: Before undertaking each
part of the Work, Contractor shall carefully study the Contract Documents, and check
and verify pertinent figures and dimensions therein, particularly with respect to
applicable field measurements. Contractor shall promptly report in writing to Engineer
any conflict, error, ambiguity, or discrepancy that Contractor discovers, or has actual
knowledge of, and shall not proceed with any Work affected thereby until the conflict,

- error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract Documents issued pursuant to Paragraph 11.01.
- 2. Contractor's Review of Contract Documents: If, before or during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) actual field conditions, (c) any standard specification, manual, reference standard, or code, or (d) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 7.15) until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract Documents issued pursuant to Paragraph 11.01.
- 3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. Resolving Discrepancies:

- Except as may be otherwise specifically stated in the Contract Documents, the
 provisions of the part of the Contract Documents prepared by or for Engineer shall
 take precedence in resolving any conflict, error, ambiguity, or discrepancy between
 such provisions of the Contract Documents and:
 - a. the provisions of any standard specification, manual, reference standard, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference as a Contract Document); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 Requirements of the Contract Documents

- A. During the performance of the Work and until final payment, Contractor and Owner shall submit to the Engineer all matters in question concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents, as soon as possible after such matters arise. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work thereunder.
- B. Engineer will, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents. Engineer's written clarification, interpretation, or decision will be final and binding on Contractor, unless it appeals by submitting a Change Proposal, and on Owner, unless it appeals by filing a Claim.
- C. If a submitted matter in question concerns terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work under the Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer is unable to provide a decision or interpretation. If Owner and Contractor are unable to agree on resolution of such a matter in question, either party may pursue resolution as provided in Article 12.

3.05 Reuse of Documents

- A. Contractor and its Subcontractors and Suppliers shall not:
 - have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions, or reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer; or
 - 2. have or acquire any title or ownership rights in any other Contract Documents, reuse any such Contract Documents for any purpose without Owner's express written consent, or violate any copyrights pertaining to such Contract Documents.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

ARTICLE 4 - COMMENCEMENT AND PROGRESS OF THE WORK

4.01 Commencement of Contract Times; Notice to Proceed

A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Contract or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Contract. In no event will the Contract Times commence to run later than the ninetieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Contract, whichever date is earlier.

4.02 Starting the Work

A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to such date.

4.03 Reference Points

A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.04 Progress Schedule

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.05 as it may be adjusted from time to time as provided below.
 - Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.05) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times.

- 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 11.
- B. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, or during any appeal process, except as permitted by Paragraph 16.04, or as Owner and Contractor may otherwise agree in writing.

4.05 Delays in Contractor's Progress

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Times and Contract Price. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor. Delay, disruption, and interference attributable to and within the control of a Subcontractor or Supplier shall be deemed to be within the control of Contractor.
- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be Contractor's sole and exclusive remedy for the delays, disruption, and interference described in this paragraph. Causes of delay, disruption, or interference that may give rise to an adjustment in Contract Times under this paragraph include but are not limited to the following:
 - 1. severe and unavoidable natural catastrophes such as fires, floods, epidemics, and earthquakes;
 - 2. abnormal weather conditions;
 - acts or failures to act of utility owners (other than those performing other work at or adjacent to the Site by arrangement with the Owner, as contemplated in Article 8);
 and
 - 4. acts of war or terrorism.
- D. Delays, disruption, and interference to the performance or progress of the Work resulting from the existence of a differing subsurface or physical condition, an Underground Facility that was not shown or indicated by the Contract Documents, or not shown or indicated with reasonable accuracy, and those resulting from Hazardous Environmental Conditions, are governed by Article 5.
- E. Paragraph 8.03 governs delays, disruption, and interference to the performance or progress of the Work resulting from the performance of certain other work at or adjacent to the Site.
- F. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor.

G. Contractor must submit any Change Proposal seeking an adjustment in Contract Price or Contract Times under this paragraph within 30 days of the commencement of the delaying, disrupting, or interfering event.

ARTICLE 5 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

5.01 Availability of Lands

- A. Owner shall furnish the Site. Owner shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which permanent improvements are to be made and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

5.02 Use of Site and Other Areas

- A. Limitation on Use of Site and Other Areas:
 - 1. Contractor shall confine construction equipment, temporary construction facilities, the storage of materials and equipment, and the operations of workers to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and such other adjacent areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible.
 - 2. If a damage or injury claim is made by the owner or occupant of any such land or area because of the performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible, Contractor shall (a) take immediate corrective or remedial action as required by Paragraph 7.12, or otherwise; (b) promptly attempt to settle the claim as to all parties through negotiations with such owner or occupant, or otherwise resolve the claim by arbitration or other dispute resolution proceeding, or at law; and (c) to the fullest extent permitted by Laws and Regulations, indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claim, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused directly or indirectly, in whole or in part

by, or based upon, Contractor's performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible.

- B. Removal of Debris During Performance of the Work: During the progress of the Work the Contractor shall keep the Site and other adjacent areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.
- C. Cleaning: Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site and adjacent areas all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. Loading of Structures: Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent structures or land to stresses or pressures that will endanger them.

5.03 Subsurface and Physical Conditions

A. No reports of explorations or tests of subsurface conditions at or adjacent to the Site, or drawings of physical conditions relating to existing surface or subsurface structures at the Site, are known to Owner.

5.04 Differing Subsurface or Physical Conditions

- A. *Notice by Contractor*: If Contractor believes that any subsurface or physical condition that is uncovered or revealed at the Site either:
 - 1. is of such a nature as to establish that any Technical Data on which Contractor is entitled to rely as provided in Paragraph 5.03 is materially inaccurate; or
 - 2. is of such a nature as to require a change in the Drawings or Specifications; or
 - 3. differs materially from that shown or indicated in the Contract Documents; or
 - is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so.

B. *Engineer's Review*: After receipt of written notice as required by the preceding paragraph, Engineer will promptly review the subsurface or physical condition in question; determine the necessity of Owner's obtaining additional exploration or tests with respect to the condition; conclude whether the condition falls within any one or more of the differing site condition categories in Paragraph 5.04.A above; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and advise Owner in writing of Engineer's findings, conclusions, and recommendations.

- C. Owner's Statement to Contractor Regarding Site Condition: After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the subsurface or physical condition in question, addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part.
- D. Possible Price and Times Adjustments:
 - 1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, or both, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. such condition must fall within any one or more of the categories described in Paragraph 5.04.A;
 - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03; and,
 - c. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
 - 2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:
 - a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract, or otherwise; or
 - the existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or
 - Contractor failed to give the written notice as required by Paragraph 5.04.A.
 - 3. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, or both, then any such adjustment shall be set forth in a Change Order.
 - 4. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, or both, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the subsurface or physical condition in question.

5.05 Underground Facilities

A. Contractor's Responsibilities: The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or adjacent to the Site is based on information and data furnished to Owner or Engineer by the owners of such

Underground Facilities, including Owner, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:

- Owner and Engineer do not warrant or guarantee the accuracy or completeness of any such information or data provided by others; and
- 2. the cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - a. reviewing and checking all information and data regarding existing Underground Facilities at the Site;
 - b. locating all Underground Facilities shown or indicated in the Contract Documents as being at the Site;
 - c. coordination of the Work with the owners (including Owner) of such Underground Facilities, during construction; and
 - d. the safety and protection of all existing Underground Facilities at the Site, and repairing any damage thereto resulting from the Work.
- B. Notice by Contractor: If Contractor believes that an Underground Facility that is uncovered or revealed at the Site was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy, then Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), identify the owner of such Underground Facility and give written notice to that owner and to Owner and Engineer.
- C. Engineer's Review: Engineer will promptly review the Underground Facility and conclude whether such Underground Facility was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the Underground Facility in question; determine the extent, if any, to which a change is required in the Drawings or Specifications to reflect and document the consequences of the existence or location of the Underground Facility; and advise Owner in writing of Engineer's findings, conclusions, and recommendations. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
- D. Owner's Statement to Contractor Regarding Underground Facility: After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the Underground Facility in question, addressing the resumption of Work in connection with such Underground Facility, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations in whole or in part.
- E. Possible Price and Times Adjustments:
 - Contractor shall be entitled to an equitable adjustment in the Contract Price or Contract Times, or both, to the extent that any existing Underground Facility at the Site that was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:

- Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated the existence or actual location of the Underground Facility in question;
- b. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03;
- Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times; and
- d. Contractor gave the notice required in Paragraph 5.05.B.
- 2. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, or both, then any such adjustment shall be set forth in a Change Order.
- 3. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, or both, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the Underground Facility in question.

5.06 Hazardous Environmental Conditions at Site

A. No reports or drawings related to Hazardous Environmental Conditions at the Site are known to Owner.

B. Not Used.

- C. Contractor shall not be responsible for removing or remediating any Hazardous Environmental Condition encountered, uncovered, or revealed at the Site unless such removal or remediation is expressly identified in the Contract Documents to be within the scope of the Work.
- D. Contractor shall be responsible for controlling, containing, and duly removing all Constituents of Concern brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible, and for any associated costs; and for the costs of removing and remediating any Hazardous Environmental Condition created by the presence of any such Constituents of Concern.
- E. If Contractor encounters, uncovers, or reveals a Hazardous Environmental Condition whose removal or remediation is not expressly identified in the Contract Documents as being within the scope of the Work, or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, then Contractor shall immediately: (1) secure or otherwise isolate such condition; (2) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 7.15); and (3) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 5.06.F. If Contractor or anyone for whom Contractor is responsible created the Hazardous Environmental Condition, and impose a set-off against payments to account for the associated costs.

- F. Contractor shall not resume Work in connection with such Hazardous Environmental Condition or in any affected area until after Owner has obtained any required permits related thereto, and delivered written notice to Contractor either (1) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work, or (2) specifying any special conditions under which such Work may be resumed safely.
- G. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, then within 30 days of Owner's written notice regarding the resumption of Work, Contractor may submit a Change Proposal, or Owner may impose a set-off.
- H. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work, following the contractual change procedures in Article 11. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 8.
- I. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition (1) was not shown or indicated in the Drawings, Specifications, or other Contract Documents, identified as Technical Data entitled to limited reliance pursuant to Paragraph 5.06.B, or identified in the Contract Documents to be included within the scope of the Work, and (2) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.H shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- J. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the failure to control, contain, or remove a Constituent of Concern brought to the Site by Contractor or by anyone for whom Contractor is responsible, or to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.J shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- K. The provisions of Paragraphs 5.03, 5.04, and 5.05 do not apply to the presence of Constituents of Concern or to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 6 – BONDS AND INSURANCE

6.01 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish a performance bond and a payment bond, each in an amount at least equal to the Contract Price, as security for the faithful performance and payment of all of Contractor's obligations under the Contract. These bonds shall remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 15.08, whichever is later, except as provided otherwise by Laws or Regulations, the Supplementary Conditions, or other specific provisions of the Contract. Contractor shall also furnish such other bonds as are required by the Supplementary Conditions or other specific provisions of the Contract.
- B. All bonds shall be in **and on** the form prescribed by the Contract except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (as amended and supplemented) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. A bond signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed the accompanying bond.
- C. Contractor shall obtain the required bonds from surety companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds in the required amounts.
- D. If the surety on a bond furnished by Contractor is declared bankrupt or becomes insolvent, or its right to do business is terminated in any state or jurisdiction where any part of the Project is located, or the surety ceases to meet the requirements above, then Contractor shall promptly notify Owner and Engineer and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the bond and surety requirements above.
- E. If Contractor has failed to obtain a required bond, Owner may exclude the Contractor from the Site and exercise Owner's termination rights under Article 16.
- F. Upon request, Owner shall provide a copy of the payment bond to any Subcontractor, Supplier, or other person or entity claiming to have furnished labor or materials used in the performance of the Work.

6.02 Insurance—General Provisions

- A. Owner and Contractor shall obtain and maintain insurance as required in this Article and in the Supplementary Conditions.
- B. All insurance required by the Contract to be purchased and maintained by Owner or Contractor shall be obtained from insurance companies that are duly licensed or authorized, in the state or jurisdiction in which the Project is located, to issue insurance policies for the required limits and coverages. Unless a different standard is indicated in the Supplementary Conditions, all companies that provide insurance policies required under this Contract shall have an A.M. Best rating of A-VII or better.
 - Contractor may obtain worker's compensation insurance from an insurance company that has not been rated by A.M. Best, provided that such company (a) is domiciled in the state in which the project is located, (b) is certified or authorized as

- a worker's compensation insurance provider by the appropriate state agency, and (c) has been accepted to provide worker's compensation insurance for similar projects by the state within the last 12 months.
- C. Contractor shall deliver to Owner, with copies to each named insured and additional insured (as identified in this Article, in the Supplementary Conditions, or elsewhere in the Contract), certificates of insurance establishing that Contractor has obtained and is maintaining the policies, coverages, and endorsements required by the Contract. Upon request by Owner or any other insured, Contractor shall also furnish other evidence of such required insurance, including but not limited to copies of policies and endorsements, and documentation of applicable self-insured retentions and deductibles. Contractor may block out (redact) any confidential premium or pricing information contained in any policy or endorsement furnished under this provision.
- D. Owner shall deliver to Contractor, with copies to each named insured and additional insured (as identified in this Article, the Supplementary Conditions, or elsewhere in the Contract), certificates of insurance establishing that Owner has obtained and is maintaining the policies, coverages, and endorsements required of Owner by the Contract (if any). Upon request by Contractor or any other insured, Owner shall also provide other evidence of such required insurance (if any), including but not limited to copies of policies and endorsements, and documentation of applicable self-insured retentions and deductibles. Owner may block out (redact) any confidential premium or pricing information contained in any policy or endorsement furnished under this provision.
- E. Failure of Owner or Contractor to demand such certificates or other evidence of the other party's full compliance with these insurance requirements, or failure of Owner or Contractor to identify a deficiency in compliance from the evidence provided, shall not be construed as a waiver of the other party's obligation to obtain and maintain such insurance.
- F. If either party does not purchase or maintain all of the insurance required of such party by the Contract, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage.
- G. If Contractor has failed to obtain and maintain required insurance, Owner may exclude the Contractor from the Site, impose an appropriate set-off against payment, and exercise Owner's termination rights under Article 16.
- H. Without prejudice to any other right or remedy, if a party has failed to obtain required insurance, the other party may elect to obtain equivalent insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and the Contract Price shall be adjusted accordingly.
- I. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor or Contractor's interests.
- J. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner and other individuals and entities in the Contract.

6.03 Contractor's Insurance

- A. *Workers' Compensation*: Contractor shall purchase and maintain workers' compensation and employer's liability insurance for:
 - claims under workers' compensation, disability benefits, and other similar employee benefit acts.
 - 2. United States Longshoreman and Harbor Workers' Compensation Act and Jones Act coverage (if applicable).
 - claims for damages because of bodily injury, occupational sickness or disease, or death
 of Contractor's employees (by stop-gap endorsement in monopolist worker's
 compensation states).
 - 4. Foreign voluntary worker compensation (if applicable).
- B. Commercial General Liability—Claims Covered: Contractor shall purchase and maintain commercial general liability insurance, covering all operations by or on behalf of Contractor, on an occurrence basis, against:
 - 1. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees.
 - 2. claims for damages insured by reasonably available personal injury liability coverage.
 - 3. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom.
- C. Commercial General Liability—Form and Content: Contractor's commercial liability policy shall be written on a 1996 (or later) ISO commercial general liability form (occurrence form) and include the following coverages and endorsements:
 - 1. Products and completed operations coverage:
 - a. Such insurance shall be maintained for three years after final payment.
 - b. Contractor shall furnish Owner and each other additional insured (as identified in the Supplementary Conditions or elsewhere in the Contract) evidence of continuation of such insurance at final payment and three years thereafter.
 - Blanket contractual liability coverage, to the extent permitted by law, including but not limited to coverage of Contractor's contractual indemnity obligations in Paragraph 7.18.
 - 3. Broad form property damage coverage.
 - 4. Severability of interest.
 - 5. Underground, explosion, and collapse coverage.
 - 6. Personal injury coverage.
 - 7. Additional insured endorsements that include both ongoing operations and products and completed operations coverage through ISO Endorsements CG 20 10 10 01 and CG 20 37 10 01 (together); or CG 20 10 07 04 and CG 20 37 07 04 (together); or their equivalent.
 - 8. For design professional additional insureds, ISO Endorsement CG 20 32 07 04, "Additional Insured—Engineers, Architects or Surveyors Not Engaged by the Named Insured" or its equivalent.

- D. Automobile liability: Contractor shall purchase and maintain automobile liability insurance against claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance, or use of any motor vehicle. The automobile liability policy shall be written on an occurrence basis.
- E. Umbrella or excess liability: Contractor shall purchase and maintain umbrella or excess liability insurance written over the underlying employer's liability, commercial general liability, and automobile liability insurance described in the paragraphs above. Subject to industry-standard exclusions, the coverage afforded shall follow form as to each and every one of the underlying policies.
- F: Contractor's pollution liability insurance: Contractor shall purchase and maintain a policy covering third-party injury and property damage claims, including clean-up costs, as a result of pollution conditions arising from Contractor's operations and completed operations. This insurance shall be maintained for no less than three years after final completion.
- G. Additional insureds: The Contractor's commercial general liability, automobile liability, umbrella or excess, and pollution liability policies shall include and list as additional insureds. Owner and Engineer, and any individuals or entities identified in the Supplementary Conditions; include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds; and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby (including as applicable those arising from both ongoing and completed operations) on a non-contributory basis. Contractor shall obtain all necessary endorsements to support these requirements.
- H. Contractor's professional liability insurance: If Contractor will provide or furnish professional services under this Contract, through a delegation of professional design services or otherwise, then Contractor shall be responsible for purchasing and maintaining applicable professional liability insurance. This insurance shall provide protection against claims arising out of performance of professional design or related services, and caused by a negligent error, omission, or act for which the insured party is legally liable. It shall be maintained throughout the duration of the Contract and for a minimum of two years after Substantial Completion. If such professional design services are performed by a Subcontractor, and not by Contractor itself, then the requirements of this paragraph may be satisfied through the purchasing and maintenance of such insurance by such Subcontractor.
- I. General provisions: The policies of insurance required by this Paragraph 6.03 shall:
 - 1. include at least the specific coverages provided in this Article.
 - 2. be written for not less than the limits of liability provided in this Article and in the Supplementary Conditions, or required by Laws or Regulations, whichever is greater.
 - contain a provision or endorsement that the coverage afforded will not be canceled, materially changed, or renewal refused until at least 10 days prior written notice has been given to Contractor. Within three days of receipt of any such written notice, Contractor shall provide a copy of the notice to Owner, Engineer, and each other insured under the policy.
 - 4. remain in effect at least until final payment (and longer if expressly required in this Article) and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work as a warranty or correction obligation, or otherwise, or returning to the Site to conduct other tasks arising from the Contract Documents.

- 5. be appropriate for the Work being performed and provide protection from claims that may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable.
- J. The coverage requirements for specific policies of insurance must be met by such policies, and not by reference to excess or umbrella insurance provided in other policies.
- K. The limits of liability for the insurance required by Paragraph 6.03 of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:
 - 1. Workers' Compensation, and related coverages under Paragraphs 6.03.A.1 and A.2 of the General Conditions:

State:	Statutory
Federal, if applicable (e.g., Longshoreman's):	Statutory
Jones Act coverage, if applicable:	
Bodily injury by accident, each accident	\$ 1,000,000.00
Bodily injury by disease, aggregate	\$ 2,000,000.00
Employer's Liability:	
Bodily injury, each accident	\$ 1,000,000.00
Bodily injury by disease, each employee	\$ 1,000,000.00
Bodily injury/disease aggregate	\$ 2,000,000.00
For work performed in monopolistic states, stop- gap liability coverage shall be endorsed to either the worker's compensation or commercial general liability policy with a minimum limit of:	\$ Not Applicable
Foreign voluntary worker compensation	Statutory

2. Contractor's Commercial General Liability under Paragraphs 6.03.B and 6.03.C of the General Conditions:

General Aggregate	\$ 2,000,000.00
Products - Completed Operations Aggregate	\$ 2,000,000.00
Personal and Advertising Injury	\$ 1,000,000.00
Each Occurrence (Bodily Injury and Property Damage)	\$ 1,000,000.00

3.	Automobile Liability under Paragraph 6.03.D. of the General Conditions:				
	Combined Single Limit of	\$	1,000,000.00		
4.	Excess or Umbrella Liability:				
	Per Occurrence	\$	2,000,000.00		
	General Aggregate	\$	2,000,000.00		
5.	Contractor's Pollution Liability:				
	Each Occurrence	\$	Not Applicable		
	General Aggregate	\$	Not Applicable		
	If box is checked, Contractor is not require Pollution Liability insurance under this Contractor		•		
6.	Additional Insureds: In addition to Owner a additional insureds the following: Not Applicable	nd	Engineer, include as		
7.	Contractor's Professional Liability:				
	Each Claim	\$	Not Applicable		
	Annual Aggregate	\$	Not Applicable		

8. [Here list additional types and amounts of insurance that may be required by Owner.]

6.04 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 6.03, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.
- B. Owner's liability policies, if any, operate separately and independently from policies required to be provided by Contractor, and Contractor cannot rely upon Owner's liability policies for any of Contractor's obligations to the Owner, Engineer, or third parties.

6.05 Property Insurance

- A. Builder's Risk: Unless otherwise provided in the Supplementary Conditions, Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the full insurable replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:
 - 1. include the Owner and Contractor as named insureds, and all Subcontractors, and any individuals or entities required by the Supplementary Conditions to be insured under such builder's risk policy, as insureds or named insureds. For purposes of the remainder of this Paragraph 6.05, Paragraphs 6.06 and 6.07, and any corresponding

- Supplementary Conditions, the parties required to be insured shall collectively be referred to as "insureds."
- 2. be written on a builder's risk "all risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire; lightning; windstorm; riot; civil commotion; terrorism; vehicle impact; aircraft; smoke; theft; vandalism and malicious mischief; mechanical breakdown, boiler explosion, and artificially generated electric current; earthquake; volcanic activity, and other earth movement; flood; collapse; explosion; debris removal; demolition occasioned by enforcement of Laws and Regulations; water damage (other than that caused by flood); and such other perils or causes of loss as may be specifically required by the Supplementary Conditions. If insurance against mechanical breakdown, boiler explosion, and artificially generated electric current; earthquake; volcanic activity, and other earth movement; or flood, are not commercially available under builder's risk policies, by endorsement or otherwise, such insurance may be provided through other insurance policies acceptable to Owner and Contractor.
- 3. cover, as insured property, at least the following: (a) the Work and all materials, supplies, machinery, apparatus, equipment, fixtures, and other property of a similar nature that are to be incorporated into or used in the preparation, fabrication, construction, erection, or completion of the Work, including Owner-furnished or assigned property; (b) spare parts inventory required within the scope of the Contract; and (c) temporary works which are not intended to form part of the permanent constructed Work but which are intended to provide working access to the Site, or to the Work under construction, or which are intended to provide temporary support for the Work under construction, including scaffolding, form work, fences, shoring, falsework, and temporary structures.
- 4. cover expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects).
- 5. extend to cover damage or loss to insured property while in temporary storage at the Site or in a storage location outside the Site (but not including property stored at the premises of a manufacturer or Supplier).
- 6. extend to cover damage or loss to insured property while in transit.
- 7. allow for partial occupation or use of the Work by Owner, such that those portions of the Work that are not yet occupied or used by Owner shall remain covered by the builder's risk insurance.
- allow for the waiver of the insurer's subrogation rights, as set forth below.
- provide primary coverage for all losses and damages caused by the perils or causes of loss covered.
- 10. not include a co-insurance clause.
- 11. include an exception for ensuing losses from physical damage or loss with respect to any defective workmanship, design, or materials exclusions.
- 12. include performance/hot testing and start-up.
- 13. be maintained in effect, subject to the provisions herein regarding Substantial Completion and partial occupancy or use of the Work by Owner, until the Work is complete.

- B. Notice of Cancellation or Change: All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with this Paragraph 6.05 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 10 days prior written notice has been given to the purchasing policyholder. Within three days of receipt of any such written notice, the purchasing policyholder shall provide a copy of the notice to each other insured.
- C. *Deductibles*: The purchaser of any required builder's risk or property insurance shall pay for costs not covered because of the application of a policy deductible.
- D. Partial Occupancy or Use by Owner: If Owner will occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 15.04, then Owner (directly, if it is the purchaser of the builder's risk policy, or through Contractor) will provide notice of such occupancy or use to the builder's risk insurer. The builder's risk insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy; rather, those portions of the Work that are occupied or used by Owner may come off the builder's risk policy, while those portions of the Work not yet occupied or used by Owner shall remain covered by the builder's risk insurance.
- E. Additional Insurance: If Contractor elects to obtain other special insurance to be included in or supplement the builder's risk or property insurance policies provided under this Paragraph 6.05, it may do so at Contractor's expense.
- F. Insurance of Other Property: If the express insurance provisions of the Contract do not require or address the insurance of a property item or interest, such as tools, construction equipment, or other personal property owned by Contractor, a Subcontractor, or an employee of Contractor or a Subcontractor, then the entity or individual owning such property item will be responsible for deciding whether to insure it, and if so in what amount.

6.06 Waiver of Rights

- All policies purchased in accordance with Paragraph 6.05, expressly including the builder's risk policy, shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any insureds thereunder, or against Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors. Owner and Contractor waive all rights against each other and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Engineer, its consultants, all Subcontractors, all individuals or entities identified in the Supplementary Conditions as insureds, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by Owner or Contractor as trustee or fiduciary, or otherwise payable under any policy so issued.
- B. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, for:

- loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by Owner; and
- loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by Owner during partial occupancy or use pursuant to Paragraph 15.04, after Substantial Completion pursuant to Paragraph 15.03, or after final payment pursuant to Paragraph 15.06.
- C. Any insurance policy maintained by Owner covering any loss, damage or consequential loss referred to in Paragraph 6.06.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against Contractor, Subcontractors, or Engineer, or the officers, directors, members, partners, employees, agents, consultants, or subcontractors of each and any of them.
- D. Contractor shall be responsible for assuring that the agreement under which a Subcontractor performs a portion of the Work contains provisions whereby the Subcontractor waives all rights against Owner, Contractor, all individuals or entities identified in the Supplementary Conditions as insureds, the Engineer and its consultants, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by builder's risk insurance and any other property insurance applicable to the Work.

6.07 Receipt and Application of Property Insurance Proceeds

- A. Any insured loss under the builder's risk and other policies of insurance required by Paragraph 6.05 will be adjusted and settled with the named insured that purchased the policy. Such named insured shall act as fiduciary for the other insureds, and give notice to such other insureds that adjustment and settlement of a claim is in progress. Any other insured may state its position regarding a claim for insured loss in writing within 15 days after notice of such claim.
- 3. Proceeds for such insured losses may be made payable by the insurer either jointly to multiple insureds, or to the named insured that purchased the policy in its own right and as fiduciary for other insureds, subject to the requirements of any applicable mortgage clause. A named insured receiving insurance proceeds under the builder's risk and other policies of insurance required by Paragraph 6.05 shall distribute such proceeds in accordance with such agreement as the parties in interest may reach, or as otherwise required under the dispute resolution provisions of this Contract or applicable Laws and Regulations.
- C. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the money so received applied on account thereof, and the Work and the cost thereof covered by Change Order, if needed.

ARTICLE 7 – CONTRACTOR'S RESPONSIBILITIES

7.01 Supervision and Superintendence

A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely

- responsible for the means, methods, techniques, sequences, and procedures of construction.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

7.02 Labor; Working Hours

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours, Monday through Friday. Contractor will not perform Work on a Saturday, Sunday, or any legal holiday **observed by the Owner**. Contractor may perform Work outside regular working hours or on Saturdays, Sundays, or legal holidays only with Owner's written consent, which will not be unreasonably withheld.
- C. Contractor shall be responsible for the cost of any overtime pay or other expense incurred by the Owner for Engineer's services (including those of the Resident Project Representative, if any), Owner's representative, and construction observation services, occasioned by the performance of Work on Saturday, Sunday, any legal holiday, or as overtime on any regular work day. If Contractor is responsible but does not pay, or if the parties are unable to agree as to the amount owed, then Owner may impose a reasonable set-off against payments due under Article 15. However, the Contractor and Owner may agree to compensate for overtime pay, if Contractor is responsible, by a reasonable set-off against payments due.

7.03 Services, Materials, and Equipment

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents.
- B. All materials and equipment incorporated into the Work shall be of good quality and new, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.
- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

7.04 "Or Equals"

A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the Contract Price has been based upon Contractor furnishing such item as specified. The specification or description of such an item is intended to establish the type, function,

appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or equal" item is permitted, Contractor may request that Engineer authorize the use of other items of material or equipment, or items from other proposed suppliers under the circumstances described below.

- 1. If Engineer in its sole discretion determines that an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, Engineer shall deem it an "or equal" item. For the purposes of this paragraph, a proposed item of material or equipment will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that:
 - 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;
 - it has a proven record of performance and availability of responsive service;
 and
 - 4) it is not objectionable to Owner.
 - b. Contractor certifies that, if approved and incorporated into the Work:
 - 1) there will be no increase in cost to the Owner or increase in Contract Times; and
 - 2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.
- B. *Contractor's Expense*: Contractor shall provide all data in support of any proposed "or equal" item at Contractor's expense.
- C. Engineer's Evaluation and Determination: Engineer will be allowed a reasonable time to evaluate each "or-equal" request. Engineer may require Contractor to furnish additional data about the proposed "or-equal" item. Engineer will be the sole judge of acceptability. No "or-equal" item will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an "or-equal", which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.
- D. Effect of Engineer's Determination: Neither approval nor denial of an "or-equal" request shall result in any change in Contract Price. The Engineer's denial of an "or-equal" request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents.
- E. *Treatment as a Substitution Request*: If Engineer determines that an item of material or equipment proposed by Contractor does not qualify as an "or-equal" item, Contractor may request that Engineer considered the proposed item as a substitute pursuant to Paragraph 7.05.

7.05 Substitutes

- 4. Unless the specification or description of an item of material or equipment required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of material or equipment under the circumstances described below. To the extent possible such requests shall be made before commencement of related construction at the Site.
 - Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of material or equipment from anyone other than Contractor.
 - The requirements for review by Engineer will be as set forth in Paragraph 7.05.B, as supplemented by the Specifications, and as Engineer may decide is appropriate under the circumstances.
 - 3. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
 - a. shall certify that the proposed substitute item will:
 - perform adequately the functions and achieve the results called for by the general design,
 - be similar in substance to that specified, and
 - 3) be suited to the same use as that specified.

b. will state:

- 1) the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times,
- 2) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and
- 3) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.

c. will identify:

- 1) all variations of the proposed substitute item from that specified, and
- 2) available engineering, sales, maintenance, repair, and replacement services.
- d. shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.
- B. Engineer's Evaluation and Determination: Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from Owner. Engineer may require Contractor to furnish additional data about the proposed substitute

item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise Contractor in writing of any negative determination.

- C. *Special Guarantee*: Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- D. Reimbursement of Engineer's Cost: Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- E. *Contractor's Expense*: Contractor shall provide all data in support of any proposed substitute at Contractor's expense.
- F. Effect of Engineer's Determination: If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents. Contractor may challenge the scope of reimbursement costs imposed under Paragraph 7.05.D, by timely submittal of a Change Proposal.

7.06 Concerning Subcontractors, Suppliers, and Others

- A. Contractor may retain Subcontractors and Suppliers for the performance of parts of the Work. Such Subcontractors and Suppliers must be acceptable to Owner.
- B. Contractor shall retain specific Subcontractors, Suppliers, or other individuals or entities for the performance of designated parts of the Work if required by the Contract to do so.
- C. Subsequent to the submittal of Contractor's Bid or final negotiation of the terms of the Contract, Owner may not require Contractor to retain any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against which Contractor has reasonable objection.
- D. Prior to entry into any binding subcontract or purchase order, Contractor shall submit to Owner the identity of the proposed Subcontractor or Supplier (unless Owner has already deemed such proposed Subcontractor or Supplier acceptable, during the bidding process or otherwise). Such proposed Subcontractor or Supplier shall be deemed acceptable to Owner unless Owner raises a substantive, reasonable objection within five days.
- E. Owner may require the replacement of any Subcontractor, Supplier, or other individual or entity retained by Contractor to perform any part of the Work. Owner also may require Contractor to retain specific replacements; provided, however, that Owner may not require a replacement to which Contractor has a reasonable objection. If Contractor has submitted the identity of certain Subcontractors, Suppliers, or other individuals or entities for acceptance by Owner, and Owner has accepted it (either in writing or by failing to make written objection thereto), then Owner may subsequently revoke the acceptance of any such Subcontractor, Supplier, or other individual or entity so identified solely on the basis of substantive, reasonable objection after due investigation. Contractor shall submit an

- acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity.
- F. If Owner requires the replacement of any Subcontractor, Supplier, or other individual or entity retained by Contractor to perform any part of the Work, then Contractor shall be entitled to an adjustment in Contract Price or Contract Times, or both, with respect to the replacement; and Contractor shall initiate a Change Proposal for such adjustment within 30 days of Owner's requirement of replacement.
- G. No acceptance by Owner of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of the right of Owner to the completion of the Work in accordance with the Contract Documents.
- H. On a monthly basis Contractor shall submit to Engineer a complete list of all Subcontractors and Suppliers having a direct contract with Contractor, and of all other Subcontractors and Suppliers known to Contractor at the time of submittal.
- I. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor's own acts and omissions.
- J. Contractor shall be solely responsible for scheduling and coordinating the work of Subcontractors, Suppliers, and all other individuals or entities performing or furnishing any of the Work.
- K. Contractor shall restrict all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work from communicating with Engineer or Owner, except through Contractor or in case of an emergency, or as otherwise expressly allowed herein.
- L. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- M. All Work performed for Contractor by a Subcontractor or Supplier shall be pursuant to an appropriate contractual agreement that specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner and Engineer.
- N. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor on account of Work performed for Contractor by the particular Subcontractor or Supplier.
- O. Nothing in the Contract Documents:
 - shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Owner or Engineer and any such Subcontractor, Supplier, or other individual or entity; nor
 - 2. shall create any obligation on the part of Owner or Engineer to pay or to see to the payment of any money due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.

7.07 Patent Fees and Royalties

A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by

- others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

7.08 Permits

A. Unless otherwise provided in the Contract Documents, Contractor shall obtain and pay for all construction permits and licenses. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of the submission of Contractor's Bid (or when Contractor became bound under a negotiated contract). Owner shall pay all charges of utility owners for connections for providing permanent service to the Work

7.09 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.
- B. Owner is exempt from payment of sales and compensating use taxes of the State of Missouri and of cities and counties thereof on all materials to be incorporated into the Work.
 - Owner will furnish the required certificates of tax exemption to Contractor for use in the purchase of supplies and materials to be incorporated into the Work.
 - Owner's exemption does not apply to construction tools, machinery, equipment, or other property purchased by or leased by Contractor, or to supplies or materials not incorporated into the Work.

7.10 Laws and Regulations

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all resulting costs and losses, and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work or other action. It shall not be Contractor's responsibility to make certain that the Work described in the Contract Documents is in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.03.
- C. Owner or Contractor may give notice to the other party of any changes after the submission of Contractor's Bid (or after the date when Contractor became bound under a negotiated contract) in Laws or Regulations having an effect on the cost or time of performance of the Work, including but not limited to changes in Laws or Regulations having an effect on procuring permits and on sales, use, value-added, consumption, and other similar taxes. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times resulting from such changes, then within 30 days of such notice Contractor may submit a Change Proposal, or Owner may initiate a Claim.

7.11 Record Documents

A. Contractor shall maintain in a safe place at the Site one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved Shop Drawings. Contractor shall keep such record documents in good order and annotate them to show changes made during construction. These record documents, together with all approved Samples, will be available to Engineer for reference. Upon completion of the Work, Contractor shall deliver these record documents to Engineer.

7.12 Safety and Protection

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.

- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify Owner; the owners of adjacent property, Underground Facilities, and other utilities; and other contractors and utility owners performing work at or adjacent to the Site, when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.
- C. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. The Supplementary Conditions identify any Owner's safety programs that are applicable to the Work.
- D. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 7.12.A.2 or 7.12.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- F. Contractor's duties and responsibilities for safety and protection shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor in accordance with Paragraph 15.06.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).
- G. Contractor's duties and responsibilities for safety and protection shall resume whenever Contractor or any Subcontractor or Supplier returns to the Site to fulfill warranty or correction obligations, or to conduct other tasks arising from the Contract Documents.

7.13 Safety Representative

A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

7.14 Hazard Communication Programs

A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

7.15 Emergencies

A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have

been caused thereby or are required as a result thereof. If Engineer determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

7.16 Shop Drawings, Samples, and Other Submittals

- A. Shop Drawing and Sample Submittal Requirements:
 - 1. Before submitting a Shop Drawing or Sample, Contractor shall have:
 - reviewed and coordinated the Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
 - c. determined and verified the suitability of all materials and equipment offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - d. determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
 - 2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that submittal, and that Contractor approves the submittal.
 - 3. With each submittal, Contractor shall give Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be set forth in a written communication separate from the Shop Drawings or Sample submittal; and, in addition, in the case of Shop Drawings by a specific notation made on each Shop Drawing submitted to Engineer for review and approval of each such variation.
- B. Submittal Procedures for Shop Drawings and Samples: Contractor shall submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals. Each submittal will be identified as Engineer may require.
 - 1. Shop Drawings:
 - a. Contractor shall submit the number of copies required in the Specifications.
 - b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide and to enable Engineer to review the information for the limited purposes required by Paragraph 7.16.D.

2. Samples:

- a. Contractor shall submit the number of Samples required in the Specifications.
- b. Contractor shall clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the submittal for the limited purposes required by Paragraph 7.16.D.

- Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. Other Submittals: Contractor shall submit other submittals to Engineer in accordance with the accepted Schedule of Submittals, and pursuant to the applicable terms of the Specifications.

D. Engineer's Review:

- Engineer will provide timely review of Shop Drawings and Samples in accordance with
 the Schedule of Submittals acceptable to Engineer. Engineer's review and approval will
 be only to determine if the items covered by the submittals will, after installation or
 incorporation in the Work, conform to the information given in the Contract
 Documents and be compatible with the design concept of the completed Project as a
 functioning whole as indicated by the Contract Documents.
- Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions or programs incident thereto.
- 3. Engineer's review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
- 4. Engineer's review and approval of a Shop Drawing or Sample shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 7.16.A.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer will document any such approved variation from the requirements of the Contract Documents in a Field Order.
- 5. Engineer's review and approval of a Shop Drawing or Sample shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 7.16.A and B.
- 6. Engineer's review and approval of a Shop Drawing or Sample, or of a variation from the requirements of the Contract Documents, shall not, under any circumstances, change the Contract Times or Contract Price, unless such changes are included in a Change Order.
- 7. Neither Engineer's receipt, review, acceptance or approval of a Shop Drawing, Sample, or other submittal shall result in such item becoming a Contract Document.
- 8. Contractor shall perform the Work in compliance with the requirements and commitments set forth in approved Shop Drawings and Samples, subject to the provisions of Paragraph 7.16.D.4.

E. Resubmittal Procedures:

 Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.

- 2. Contractor shall furnish required submittals with sufficient information and accuracy to obtain required approval of an item with no more than three submittals. Engineer will record Engineer's time for reviewing a fourth or subsequent submittal of a Shop Drawings, sample, or other item requiring approval, and Contractor shall be responsible for Engineer's charges to Owner for such time. Owner may impose a set-off against payments due to Contractor to secure reimbursement for such charges.
- 3. If Contractor requests a change of a previously approved submittal item, Contractor shall be responsible for Engineer's charges to Owner for its review time, and Owner may impose a set-off against payments due to Contractor to secure reimbursement for such charges, unless the need for such change is beyond the control of Contractor.

7.17 Contractor's General Warranty and Guarantee

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on Contractor's warranty and guarantee.
- B. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 - abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 - 2. normal wear and tear under normal usage.
- C. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:
 - 1. observations by Engineer;
 - 2. recommendation by Engineer or payment by Owner of any progress or final payment;
 - 3. the issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 - 4. use or occupancy of the Work or any part thereof by Owner;
 - 5. any review and approval of a Shop Drawing or Sample submittal;
 - 6. the issuance of a notice of acceptability by Engineer;
 - 7. any inspection, test, or approval by others; or
 - 8. any correction of defective Work by Owner.
- D. If the Contract requires the Contractor to accept the assignment of a contract entered into by Owner, then the specific warranties, guarantees, and correction obligations contained in the assigned contract shall govern with respect to Contractor's performance obligations to Owner for the Work described in the assigned contract.

7.18 *Indemnification*

A. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and

against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable.

- B. In any and all claims against Owner or Engineer or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 7.18.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.
- C. The indemnification obligations of Contractor under Paragraph 7.18.A shall not extend to the liability of Engineer and Engineer's officers, directors, members, partners, employees, agents, consultants and subcontractors arising out of:
 - the preparation or approval of, or the failure to prepare or approve maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or
 - 2. giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

7.19 Delegation of Professional Design Services

- A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable Laws and Regulations.
- B. If professional design services or certifications by a design professional related to systems, materials, or equipment are specifically required of Contractor by the Contract Documents, Owner and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.
- C. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy, and completeness of the services, certifications, or approvals performed by such design professionals, provided Owner and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this paragraph, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with

performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 7.16.D.1.

E. Contractor shall not be responsible for the adequacy of the performance or design criteria specified by Owner or Engineer.

ARTICLE 8 – OTHER WORK AT THE SITE

8.01 Other Work

- A. In addition to and apart from the Work under the Contract Documents, the Owner may perform other work at or adjacent to the Site. Such other work may be performed by Owner's employees, or through contracts between the Owner and third parties. Owner may also arrange to have third-party utility owners perform work on their utilities and facilities at or adjacent to the Site.
- B. If Owner performs other work at or adjacent to the Site with Owner's employees, or through contracts for such other work, then Owner shall give Contractor written notice thereof prior to starting any such other work. If Owner has advance information regarding the start of any utility work at or adjacent to the Site, Owner shall provide such information to Contractor.
- C. Contractor shall afford each other contractor that performs such other work, each utility owner performing other work, and Owner, if Owner is performing other work with Owner's employees, proper and safe access to the Site, and provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected.
- D. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 8, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

8.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, to perform other work at or adjacent to the Site with Owner's employees, or to arrange to have utility owners perform work at or adjacent to the Site, the following will be set forth in the Supplementary Conditions or provided to Contractor prior to the start of any such other work:
 - 1. the identity of the individual or entity that will have authority and responsibility for coordination of the activities among the various contractors;

- 2. an itemization of the specific matters to be covered by such authority and responsibility; and
- 3. the extent of such authority and responsibilities.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

8.03 Legal Relationships

- If, in the course of performing other work at or adjacent to the Site for Owner, the Owner's employees, any other contractor working for Owner, or any utility owner causes damage to the Work or to the property of Contractor or its Subcontractors, or delays, disrupts, interferes with, or increases the scope or cost of the performance of the Work, through actions or inaction, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor must submit any Change Proposal seeking an equitable adjustment in the Contract Price or the Contract Times under this paragraph within 30 days of the damaging, delaying, disrupting, or interfering event. The entitlement to, and extent of, any such equitable adjustment shall take into account information (if any) regarding such other work that was provided to Contractor in the Contract Documents prior to the submittal of the Bid or the final negotiation of the terms of the Contract. When applicable, any such equitable adjustment in Contract Price shall be conditioned on Contractor assigning to Owner all Contractor's rights against such other contractor or utility owner with respect to the damage, delay, disruption, or interference that is the subject of the adjustment. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- 3. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site. If Contractor fails to take such measures and as a result damages, delays, disrupts, or interferes with the work of any such other contractor or utility owner, then Owner may impose a set-off against payments due to Contractor, and assign to such other contractor or utility owner the Owner's contractual rights against Contractor with respect to the breach of the obligations set forth in this paragraph.
- C. When Owner is performing other work at or adjacent to the Site with Owner's employees, Contractor shall be liable to Owner for damage to such other work, and for the reasonable direct delay, disruption, and interference costs incurred by Owner as a result of Contractor's failure to take reasonable and customary measures with respect to Owner's other work. In response to such damage, delay, disruption, or interference, Owner may impose a set-off against payments due to Contractor.
- D. If Contractor damages, delays, disrupts, or interferes with the work of any other contractor, or any utility owner performing other work at or adjacent to the Site, through Contractor's failure to take reasonable and customary measures to avoid such impacts, or if any claim arising out of Contractor's actions, inactions, or negligence in performance of the Work at or adjacent to the Site is made by any such other contractor or utility owner against Contractor, Owner, or Engineer, then Contractor shall (1) promptly attempt to settle the claim as to all parties through negotiations with such other contractor or utility owner, or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law, and (2) indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of

them from and against any such claims, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such damage, delay, disruption, or interference.

ARTICLE 9 – OWNER'S RESPONSIBILITIES

- 9.01 *Communications to Contractor*
 - A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.
- 9.02 Replacement of Engineer
 - A. Owner may at its discretion appoint an engineer to replace Engineer, provided Contractor makes no reasonable objection to the replacement engineer. The replacement engineer's status under the Contract Documents shall be that of the former Engineer.
- 9.03 Furnish Data
 - A. Owner shall promptly furnish the data required of Owner under the Contract Documents.
- 9.04 Pay When Due
 - A. Owner shall make payments to Contractor when they are due as provided in the Agreement.
- 9.05 Lands and Easements; Reports, Tests, and Drawings
 - A. Owner's duties with respect to providing lands and easements are set forth in Paragraph 5.01.
 - B. Owner's duties with respect to providing engineering surveys to establish reference points are set forth in Paragraph 4.03.
 - C. Article 5 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of conditions at the Site, and drawings of physical conditions relating to existing surface or subsurface structures at the Site.
- 9.06 *Insurance*
 - A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 6.
- 9.07 Change Orders
 - A. Owner's responsibilities with respect to Change Orders are set forth in Article 11.
- 9.08 Inspections, Tests, and Approvals
 - A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 14.02.B.
- 9.09 Limitations on Owner's Responsibilities
 - A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

9.10 Undisclosed Hazardous Environmental Condition

A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 5.06.

9.11 Evidence of Financial Arrangements

A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract Documents (including obligations under proposed changes in the Work).

9.12 Safety Programs

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.
- B. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

ARTICLE 10 – ENGINEER'S STATUS DURING CONSTRUCTION

10.01 Owner's Representative

A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract.

10.02 Visits to Site

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.
- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 10.08. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

10.03 Project Representative

A. If Owner and Engineer have agreed that Engineer will furnish a Resident Project Representative to represent Engineer at the Site and assist Engineer in observing the progress and quality of the Work, then the authority and responsibilities of any such Resident Project Representative will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 10.08. If Owner

designates another representative or agent to represent Owner at the Site who is not Engineer's consultant, agent, or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Supplementary Conditions.

- B. The Resident Project Representative (RPR) will be Engineer's representative at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR's actions.
 - General: RPR's dealings in matters pertaining to the Work in general shall be with Engineer and Contractor. RPR's dealings with Subcontractors shall only be through or with the full knowledge and approval of Contractor. RPR shall generally communicate with Owner only with the knowledge of and under the direction of Engineer.
 - Schedules: Review the progress schedule, schedule of Shop Drawing and Sample submittals, and Schedule of Values prepared by Contractor and consult with Engineer concerning acceptability.
 - Conferences and Meetings: Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences, and other Projectrelated meetings, and prepare and circulate copies of minutes thereof.

4. Liaison:

- a. Serve as Engineer's liaison with Contractor. Working principally through Contractor's authorized representative or designee, assist in providing information regarding the provisions and intent of the Contract Documents.
- b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
- c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
- 5. Interpretation of Contract Documents: Report to Engineer when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Engineer.
- 6. Shop Drawings and Samples:
 - a. Record date of receipt of Samples and Contractor-approved Shop Drawings.
 - b. Receive Samples which are furnished at the Site by Contractor, and notify Engineer of availability of Samples for examination.
 - c. Advise Engineer and Contractor of the commencement of any portion of the Work requiring a Shop Drawing or Sample submittal for which RPR believes that the submittal has not been approved by Engineer.
- 7. Modifications: Consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications and report such suggestions, together with RPR's recommendations, if any, to Engineer. Transmit to Contractor in writing decisions as issued by Engineer.

- 8. Review of Work and Rejection of Defective Work:
 - a. Conduct on-Site observations of Contractor's work in progress to assist Engineer in determining if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Report to Engineer whenever RPR believes that any part of Contractor's work in progress is defective, will not produce a completed Project that conforms generally to the Contract Documents, or will imperil the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Engineer of that part of work in progress that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.

9. Inspections, Tests, and System Start-ups:

- a. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
- b. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.

10. Records:

- a. Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, Subcontractors present at the Site, weather conditions, data relative to questions of Change Orders, Field Orders, Work Change Directives, or changed conditions, Site visitors, deliveries of equipment or materials, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer.
- b. Record names, addresses, fax numbers, e-mail addresses, web site locations, and telephone numbers of all Contractors, Subcontractors, and major Suppliers of materials and equipment.
- c. Maintain records for use in preparing Project documentation.

11. Reports:

- a. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the Progress Schedule and schedule of Shop Drawing and Sample submittals.
- b. Draft and recommend to Engineer proposed Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.
- c. Immediately notify Engineer of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, force majeure or delay events, damage to property by fire or other causes, or the discovery of any Constituent of Concern or Hazardous Environmental Condition.
- 12. Payment Requests: Review applications for payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment

- requested to the Schedule of Values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.
- 13. Certificates, Operation and Maintenance Manuals: During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Contract Documents to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

14. Completion:

- a. Participate in Engineer's visits to the Site to determine Substantial Completion, assist in the determination of Substantial Completion and the preparation of a punch list of items to be completed or corrected.
- b. Participate in Engineer's final visit to the Site to determine completion of the Work, in the company of Owner and Contractor, and prepare a final punch list of items to be completed and deficiencies to be remedied.
- c. Observe whether all items on the final list have been completed or corrected and make recommendations to Engineer concerning acceptance and issuance of the notice of acceptability of the work.

C. The RPR shall not:

- 1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items).
- 2. Exceed limitations of Engineer's authority as set forth in the Contract Documents.
- Undertake any of the responsibilities of Contractor, Subcontractors, or Suppliers.
- 4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of Contractor's work.
- Advise on, issue directions regarding, or assume control over security or safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
- 6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
- 7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
- 8. Authorize Owner to occupy the Project in whole or in part.

10.04 Rejecting Defective Work

A. Engineer has the authority to reject Work in accordance with Article 14.

10.05 Shop Drawings, Change Orders and Payments

- A. Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, are set forth in Paragraph 7.16.
- B. Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, are set forth in Paragraph 7.19.

- C. Engineer's authority as to Change Orders is set forth in Article 11.
- D. Engineer's authority as to Applications for Payment is set forth in Article 15.

10.06 Determinations for Unit Price Work

A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor as set forth in Paragraph 13.03.

10.07 Decisions on Requirements of Contract Documents and Acceptability of Work

A. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth herein for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

10.08 Limitations on Engineer's Authority and Responsibilities

- A. Neither Engineer's authority or responsibility under this Article 10 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 15.06.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals, that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 10.08 shall also apply to the Resident Project Representative, if any.

10.09 Compliance with Safety Program

A. While at the Site, Engineer's employees and representatives will comply with the specific applicable requirements of Owner's and Contractor's safety programs (if any) of which Engineer has been informed.

ARTICLE 11 - AMENDING THE CONTRACT DOCUMENTS; CHANGES IN THE WORK

11.01 Amending and Supplementing Contract Documents

A. The Contract Documents may be amended or supplemented by a Change Order, a Work Change Directive, or a Field Order.

1. Change Orders:

- a. If an amendment or supplement to the Contract Documents includes a change in the Contract Price or the Contract Times, such amendment or supplement must be set forth in a Change Order. A Change Order also may be used to establish amendments and supplements of the Contract Documents that do not affect the Contract Price or Contract Times.
- b. Owner and Contractor may amend those terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, without the recommendation of the Engineer. Such an amendment shall be set forth in a Change Order.
- 2. Work Change Directives: A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the modification ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on the Contract Price and Contract Times; or, if negotiations are unsuccessful, by a determination under the terms of the Contract Documents governing adjustments, expressly including Paragraph 11.04 regarding change of Contract Price. Contractor must submit any Change Proposal seeking an adjustment of the Contract Price or the Contract Times, or both, no later than 30 days after the completion of the Work set out in the Work Change Directive. Owner must submit any Claim seeking an adjustment of the Contract Price or the Contract Times, or both, no later than 60 days after issuance of the Work Change Directive.
- 3. Field Orders: Engineer may authorize minor changes in the Work if the changes do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such changes will be accomplished by a Field Order and will be binding on Owner and also on Contractor, which shall perform the Work involved promptly. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, or both, then before proceeding with the Work at issue, Contractor shall submit a Change Proposal as provided herein.

11.02 Owner-Authorized Changes in the Work

A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work. Such changes shall be supported by Engineer's recommendation, to the extent the change involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters. Such changes may be accomplished by a Change Order, if Owner and Contractor have agreed as to the effect, if any, of the changes on Contract Times or Contract Price; or by a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved; or, in the case of a deletion in the Work, promptly cease construction activities with respect to such deleted Work. Added or revised Work shall be performed under the applicable conditions of the

Contract Documents. Nothing in this paragraph shall obligate Contractor to undertake work that Contractor reasonably concludes cannot be performed in a manner consistent with Contractor's safety obligations under the Contract Documents or Laws and Regulations.

11.03 Unauthorized Changes in the Work

A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents, as amended, modified, or supplemented, except in the case of an emergency as provided in Paragraph 7.15 or in the case of uncovering Work as provided in Paragraph 14.05.

11.04 Change of Contract Price

- A. The Contract Price may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Price shall comply with the provisions of Paragraph 11.06. Any Claim for an adjustment of Contract Price shall comply with the provisions of Article 12.
- B. An adjustment in the Contract Price will be determined as follows:
 - where the Work involved is covered by unit prices contained in the Contract Documents, then by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 13.03); or
 - 2. where the Work involved is not covered by unit prices contained in the Contract Documents, then by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.04.C.2); or
 - where the Work involved is not covered by unit prices contained in the Contract Documents and the parties do not reach mutual agreement to a lump sum, then on the basis of the Cost of the Work (determined as provided in Paragraph 13.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 11.04.C).
- C. *Contractor's Fee*: When applicable, the Contractor's fee for overhead and profit shall be determined as follows:
 - 1. a mutually acceptable fixed fee; or
 - 2. if a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. for costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2, the Contractor's fee shall be 15 percent;
 - b. for costs incurred under Paragraph 13.01.B.3, the Contractor's fee shall be five percent;
 - c. where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 11.01.C.2.a and 11.01.C.2.b is that the Contractor's fee shall be based on: (1) a fee of 15 percent of the costs incurred under Paragraphs 13.01.A.1 and 13.01.A.2 by the Subcontractor that actually performs the Work, at whatever tier, and (2) with respect to Contractor itself and to any Subcontractors of a tier higher than that of the Subcontractor that actually performs the Work, a fee of five percent of the amount (fee plus underlying costs incurred) attributable to the next lower tier Subcontractor; provided, however, that for any such subcontracted work the

- maximum total fee to be paid by Owner shall be no greater than 27 percent of the costs incurred by the Subcontractor that actually performs the work;
- d. no fee shall be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, and 13.01.C;
- e. the amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in Contractor's fee by an amount equal to five percent of such net decrease; and
- f. when both additions and credits are involved in any one change, the adjustment in Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 11.04.C.2.a through 11.04.C.2.e, inclusive.

11.05 Change of Contract Times

- A. The Contract Times may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Times shall comply with the provisions of Paragraph 11.06. Any Claim for an adjustment in the Contract Times shall comply with the provisions of Article 12.
- B. An adjustment of the Contract Times shall be subject to the limitations set forth in Paragraph 4.05, concerning delays in Contractor's progress.

11.06 Change Proposals

- A. Contractor shall submit a Change Proposal to Engineer to request an adjustment in the Contract Times or Contract Price; appeal an initial decision by Engineer concerning the requirements of the Contract Documents or relating to the acceptability of the Work under the Contract Documents; contest a set-off against payment due; or seek other relief under the Contract. The Change Proposal shall specify any proposed change in Contract Times or Contract Price, or both, or other proposed relief, and explain the reason for the proposed change, with citations to any governing or applicable provisions of the Contract Documents.
 - 1. Procedures: Contractor shall submit each Change Proposal to Engineer promptly (but in no event later than 30 days) after the start of the event giving rise thereto, or after such initial decision. The Contractor shall submit supporting data, including the proposed change in Contract Price or Contract Time (if any), to the Engineer and Owner within 15 days after the submittal of the Change Proposal. The supporting data shall be accompanied by a written statement that the supporting data are accurate and complete, and that any requested time or price adjustment is the entire adjustment to which Contractor believes it is entitled as a result of said event. Engineer will advise Owner regarding the Change Proposal, and consider any comments or response from Owner regarding the Change Proposal.
 - 2. Engineer's Action: Engineer will review each Change Proposal and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions shall be in writing, with a copy provided to Owner and Contractor. If Engineer does not take action on the Change Proposal within 30 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of Engineer's inaction the Change Proposal is deemed denied, thereby commencing the time for appeal of the denial under Article 12.

- 3. *Binding Decision*: Engineer's decision will be final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.
- B. Resolution of Certain Change Proposals: If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer is unable to resolve the Change Proposal. For purposes of further resolution of such a Change Proposal, such notice shall be deemed a denial, and Contractor may choose to seek resolution under the terms of Article 12.

11.07 Execution of Change Orders

- A. Owner and Contractor shall execute appropriate Change Orders covering:
 - changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;
 - 2. changes in Contract Price resulting from an Owner set-off, unless Contractor has duly contested such set-off;
 - 3. changes in the Work which are: (a) ordered by Owner pursuant to Paragraph 11.02, (b) required because of Owner's acceptance of defective Work under Paragraph 14.04 or Owner's correction of defective Work under Paragraph 14.07, or (c) agreed to by the parties, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters; and
 - 4. changes in the Contract Price or Contract Times, or other changes, which embody the substance of any final and binding results under Paragraph 11.06, or Article 12.
- B. If Owner or Contractor refuses to execute a Change Order that is required to be executed under the terms of this Paragraph 11.07, it shall be deemed to be of full force and effect, as if fully executed.

11.08 Notification to Surety

A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

ARTICLE 12 – CLAIMS

12.01 Claims

- A. *Claims Process*: The following disputes between Owner and Contractor shall be submitted to the Claims process set forth in this Article:
 - 1. Appeals by Owner or Contractor of Engineer's decisions regarding Change Proposals;
 - 2. Owner demands for adjustments in the Contract Price or Contract Times, or other relief under the Contract Documents; and

- 3. Disputes that Engineer has been unable to address because they do not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters.
- B. Submittal of Claim: The party submitting a Claim shall deliver it directly to the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto; in the case of appeals regarding Change Proposals within 30 days of the decision under appeal. The party submitting the Claim shall also furnish a copy to the Engineer, for its information only. The responsibility to substantiate a Claim shall rest with the party making the Claim. In the case of a Claim by Contractor seeking an increase in the Contract Times or Contract Price, or both, Contractor shall certify that the Claim is made in good faith, that the supporting data are accurate and complete, and that to the best of Contractor's knowledge and belief the amount of time or money requested accurately reflects the full amount to which Contractor is entitled.
- C. Review and Resolution: The party receiving a Claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the Claim through the exchange of information and direct negotiations. The parties may extend the time for resolving the Claim by mutual agreement. All actions taken on a Claim shall be stated in writing and submitted to the other party, with a copy to Engineer.

D. Mediation:

- At any time after initiation of a Claim, Owner and Contractor may mutually agree to mediation of the underlying dispute. The agreement to mediate shall stay the Claim submittal and response process.
- 2. If Owner and Contractor agree to mediation, then after 60 days from such agreement, either Owner or Contractor may unilaterally terminate the mediation process, and the Claim submittal and decision process shall resume as of the date of the termination. If the mediation proceeds but is unsuccessful in resolving the dispute, the Claim submittal and decision process shall resume as of the date of the conclusion of the mediation, as determined by the mediator.
- 3. Owner and Contractor shall each pay one-half of the mediator's fees and costs.
- E. Partial Approval: If the party receiving a Claim approves the Claim in part and denies it in part, such action shall be final and binding unless within 30 days of such action the other party invokes the procedure set forth in Article 17 for final resolution of disputes.
- F. Denial of Claim: If efforts to resolve a Claim are not successful, the party receiving the Claim may deny it by giving written notice of denial to the other party. If the receiving party does not take action on the Claim within 90 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of the inaction, the Claim is deemed denied, thereby commencing the time for appeal of the denial. A denial of the Claim shall be final and binding unless within 30 days of the denial the other party invokes the procedure set forth in Article 17 for the final resolution of disputes.
- G. Final and Binding Results: If the parties reach a mutual agreement regarding a Claim, whether through approval of the Claim, direct negotiations, mediation, or otherwise; or if a Claim is approved in part and denied in part, or denied in full, and such actions become final and binding; then the results of the agreement or action on the Claim shall be incorporated in a Change Order to the extent they affect the Contract, including the Work, the Contract Times, or the Contract Price.

ARTICLE 13 - COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

13.01 Cost of the Work

- A. *Purposes for Determination of Cost of the Work*: The term Cost of the Work means the sum of all costs necessary for the proper performance of the Work at issue, as further defined below. The provisions of this Paragraph 13.01 are used for two distinct purposes:
 - 1. To determine Cost of the Work when Cost of the Work is a component of the Contract Price, under cost-plus-fee, time-and-materials, or other cost-based terms; or
 - To determine the value of a Change Order, Change Proposal, Claim, set-off, or other
 adjustment in Contract Price. When the value of any such adjustment is determined
 on the basis of Cost of the Work, Contractor is entitled only to those additional or
 incremental costs required because of the change in the Work or because of the event
 giving rise to the adjustment.
- B. Costs Included: Except as otherwise may be agreed to in writing by Owner, costs included in the Cost of the Work shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 13.01.C, and shall include only the following items:
 - 1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, and vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Owner.
 - 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to Owner. All trade discounts, rebates, and refunds and returns from sale of surplus materials and equipment shall accrue to Owner, and Contractor shall make provisions so that they may be obtained.
 - 3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 13.01.
 - 4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.

- 5. Supplemental costs including the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
 - c. Rentals of all construction equipment and machinery, and the parts thereof, whether rented from Contractor or others in accordance with rental agreements approved by Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
 - d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
 - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 6.05), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.
 - g. The cost of utilities, fuel, and sanitary facilities at the Site.
 - h. Minor expenses such as communication service at the Site, express and courier services, and similar petty cash items in connection with the Work.
 - i. The costs of premiums for all bonds and insurance that Contractor is required by the Contract Documents to purchase and maintain.
- C. Costs Excluded: The term Cost of the Work shall not include any of the following items:
 - 1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expediters, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 13.01.B.1 or specifically covered by Paragraph 13.01.B.4. The payroll costs and other compensation excluded here are to be considered administrative costs covered by the Contractor's fee.

- 2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
- 3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
- 4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
- 5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 13.01.B.
- D. Contractor's Fee: When the Work as a whole is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 11.04.C.
- E. *Documentation*: Whenever the Cost of the Work for any purpose is to be determined pursuant to this Article 13, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to Engineer an itemized cost breakdown together with supporting data.

13.02 Allowances

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. Cash Allowances: Contractor agrees that:
 - the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 - 2. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.
- C. *Contingency Allowance*: Contractor agrees that a contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

13.03 Unit Price Work

A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.

- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Payments to Contractor for Unit Price Work will be based on actual quantities.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, subject to the provisions of the following paragraph.
- E. Within 30 days of Engineer's written decision under the preceding paragraph, Contractor may submit a Change Proposal, or Owner may file a Claim, seeking an adjustment in the Contract Price if:
 - 1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement;
 - 2. there is no corresponding adjustment with respect to any other item of Work; and
 - Contractor believes that it is entitled to an increase in Contract Price as a result of having incurred additional expense or Owner believes that Owner is entitled to a decrease in Contract Price, and the parties are unable to agree as to the amount of any such increase or decrease.

ARTICLE 14 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

14.01 Access to Work

A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and authorities having jurisdiction will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

14.02 Tests, Inspections, and Approvals

- A. Contractor shall give Engineer timely notice of readiness of the Work (or specific parts thereof) for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.
- B. Owner shall retain and pay for the services of an independent inspector, testing laboratory, or other qualified individual or entity to perform all inspections and tests expressly required by the Contract Documents to be furnished and paid for by Owner, except that costs incurred in connection with tests or inspections of covered Work shall be governed by the provisions of Paragraph 14.05.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging

and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.

- D. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required:
 - 1. by the Contract Documents, unless the Contract Documents expressly allocate responsibility for a specific inspection or test to Owner;
 - 2. to attain Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work;
 - 3. by manufacturers of equipment furnished under the Contract Documents;
 - 4. for testing, adjusting, and balancing of mechanical, electrical, and other equipment to be incorporated into the Work; and
 - 5. for acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work.

Such inspections and tests shall be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to Owner and Engineer.

- E. If the Contract Documents require the Work (or part thereof) to be approved by Owner, Engineer, or another designated individual or entity, then Contractor shall assume full responsibility for arranging and obtaining such approvals.
- F. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering shall be at Contractor's expense unless Contractor had given Engineer timely notice of Contractor's intention to cover the same and Engineer had not acted with reasonable promptness in response to such notice.

14.03 Defective Work

- A. *Contractor's Obligation*: It is Contractor's obligation to assure that the Work is not defective.
- B. *Engineer's Authority*: Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. *Notice of Defects*: Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. *Correction, or Removal and Replacement*: Promptly after receipt of written notice of defective Work, Contractor shall correct all such defective Work, whether or not fabricated, installed, or completed, or, if Engineer has rejected the defective Work, remove it from the Project and replace it with Work that is not defective.
- E. *Preservation of Warranties*: When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.
- F. Costs and Damages: In addition to its correction, removal, and replacement obligations with respect to defective Work, Contractor shall pay all claims, costs, losses, and damages arising out of or relating to defective Work, including but not limited to the cost of the inspection, testing, correction, removal, replacement, or reconstruction of such defective Work, fines levied against Owner by governmental authorities because the Work is

defective, and the costs of repair or replacement of work of others resulting from defective Work. Prior to final payment, if Owner and Contractor are unable to agree as to the measure of such claims, costs, losses, and damages resulting from defective Work, then Owner may impose a reasonable set-off against payments due under Article 15.

14.04 Acceptance of Defective Work

A. If, instead of requiring correction or removal and replacement of defective Work, Owner prefers to accept it, Owner may do so (subject, if such acceptance occurs prior to final payment, to Engineer's confirmation that such acceptance is in general accord with the design intent and applicable engineering principles, and will not endanger public safety). Contractor shall pay all claims, costs, losses, and damages attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness), and for the diminished value of the Work to the extent not otherwise paid by Contractor. If any such acceptance occurs prior to final payment, the necessary revisions in the Contract Documents with respect to the Work shall be incorporated in a Change Order. If the parties are unable to agree as to the decrease in the Contract Price, reflecting the diminished value of Work so accepted, then Owner may impose a reasonable set-off against payments due under Article 15. If the acceptance of defective Work occurs after final payment, Contractor shall pay an appropriate amount to Owner.

14.05 *Uncovering Work*

- A. Engineer has the authority to require special inspection or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- B. If any Work is covered contrary to the written request of Engineer, then Contractor shall, if requested by Engineer, uncover such Work for Engineer's observation, and then replace the covering, all at Contractor's expense.
- C. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, then Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, and provide all necessary labor, material, and equipment.
 - If it is found that the uncovered Work is defective, Contractor shall be responsible for all claims, costs, losses, and damages arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and pending Contractor's full discharge of this responsibility the Owner shall be entitled to impose a reasonable set-off against payments due under Article 15.
 - 2. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, then Contractor may submit a Change Proposal within 30 days of the determination that the Work is not defective.

14.06 Owner May Stop the Work

A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop

the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

14.07 Owner May Correct Defective Work

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace rejected Work as required by Engineer, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, then Owner may, after seven days written notice to Contractor, correct or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 14.07, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this paragraph.
- C. All claims, costs, losses, and damages incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 14.07 will be charged against Contractor as set-offs against payments due under Article 15. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 14.07.

ARTICLE 15 – PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD

15.01 Progress Payments

A. Basis for Progress Payments: The Schedule of Values established as provided in Article 2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed during the pay period, as determined under the provisions of Paragraph 13.03. Progress payments for cost-based Work will be based on Cost of the Work completed by Contractor during the pay period.

B. Applications for Payments:

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens, and evidence that the materials and equipment are covered by

- appropriate property insurance, a warehouse bond, or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
- Beginning with the second Application for Payment, each Application shall include an
 affidavit of Contractor stating that all previous progress payments received on account
 of the Work have been applied on account to discharge Contractor's legitimate
 obligations associated with prior Applications for Payment.
- 3. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

C. Review of Applications:

- Engineer will, within 10 days after receipt of each Application for Payment, including each resubmittal, either indicate in writing a recommendation of payment and present the Application to Owner, or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
- 2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 13.03, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work
- 3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
- 4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work, or

- b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
- c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
- d. to make any examination to ascertain how or for what purposes Contractor has used the money paid on account of the Contract Price, or
- e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
- 5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 15.01.C.2.
- 6. Engineer will recommend reductions in payment (set-offs) necessary in Engineer's opinion to protect Owner from loss because:
 - a. the Work is defective, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;
 - c. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible; or
 - e. Engineer has actual knowledge of the occurrence of any of the events that would constitute a default by Contractor and therefore justify termination for cause under the Contract Documents.

D. Payment Becomes Due:

1. **Thirty** days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended (subject to any Owner setoffs) will become due, and when due will be paid by Owner to Contractor.

E. Reductions in Payment by Owner:

- 1. In addition to any reductions in payment (set-offs) recommended by Engineer, Owner is entitled to impose a set-off against payment based on any of the following:
 - a. claims have been made against Owner on account of Contractor's conduct in the performance or furnishing of the Work, or Owner has incurred costs, losses, or damages on account of Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement;
 - Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site;
 - c. Contractor has failed to provide and maintain required bonds or insurance;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible;

- e. Owner has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities;
- f. the Work is defective, requiring correction or replacement;
- g. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
- h. the Contract Price has been reduced by Change Orders;
- i. an event that would constitute a default by Contractor and therefore justify a termination for cause has occurred;
- j. liquidated damages have accrued as a result of Contractor's failure to achieve Milestones, Substantial Completion, or final completion of the Work;
- k. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens;
- I. there are other items entitling Owner to a set off against the amount recommended.
- 2. If Owner imposes any set-off against payment, whether based on its own knowledge or on the written recommendations of Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and the specific amount of the reduction, and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, if Contractor remedies the reasons for such action. The reduction imposed shall be binding on Contractor unless it duly submits a Change Proposal contesting the reduction.
- 3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 15.01.C.1 and subject to interest as provided in the Agreement.

15.02 Contractor's Warranty of Title

A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all Liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than seven days after the time of payment by Owner.

15.03 Substantial Completion

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete and request that Engineer issue a certificate of Substantial Completion. Contractor shall at the same time submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.

- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a preliminary certificate of Substantial Completion which shall fix the date of Substantial Completion. Engineer shall attach to the certificate a punch list of items to be completed or corrected before final payment. Owner shall have seven days after receipt of the preliminary certificate during which to make written objection to Engineer as to any provisions of the certificate or attached punch list. If, after considering the objections to the provisions of the preliminary certificate, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the preliminary certificate to Owner, notify Contractor in writing that the Work is not substantially complete, stating the reasons therefor. If Owner does not object to the provisions of the certificate, or if despite consideration of Owner's objections Engineer concludes that the Work is substantially complete, then Engineer will, within said 14 days, execute and deliver to Owner and Contractor a final certificate of Substantial Completion (with a revised punch list of items to be completed or corrected) reflecting such changes from the preliminary certificate as Engineer believes justified after consideration of any objections from Owner.
- D. At the time of receipt of the preliminary certificate of Substantial Completion, Owner and Contractor will confer regarding Owner's use or occupancy of the Work following Substantial Completion, review the builder's risk insurance policy with respect to the end of the builder's risk coverage, and confirm the transition to coverage of the Work under a permanent property insurance policy held by Owner. Unless Owner and Contractor agree otherwise in writing, Owner shall bear responsibility for security, operation, protection of the Work, property insurance, maintenance, heat, and utilities upon Owner's use or occupancy of the Work.
- E. After Substantial Completion the Contractor shall promptly begin work on the punch list of items to be completed or corrected prior to final payment. In appropriate cases Contractor may submit monthly Applications for Payment for completed punch list items, following the progress payment procedures set forth above.
- F. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the punch list.

15.04 Partial Use or Occupancy

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - At any time Owner may request in writing that Contractor permit Owner to use or occupy any such part of the Work that Owner believes to be substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 15.03.A through E for that part of the Work.
 - At any time Contractor may notify Owner and Engineer in writing that Contractor considers any such part of the Work substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.

- 3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 15.03 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
- 4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 6.05 regarding builder's risk or other property insurance.

15.05 Final Inspection

A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof, is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

15.06 Final Payment

A. Application for Payment:

- After Contractor has, in the opinion of Engineer, satisfactorily completed all
 corrections identified during the final inspection and has delivered, in accordance with
 the Contract Documents, all maintenance and operating instructions, schedules,
 guarantees, bonds, certificates or other evidence of insurance, certificates of
 inspection, annotated record documents (as provided in Paragraph 7.11), and other
 documents, Contractor may make application for final payment.
- 2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents;
 - b. consent of the surety, if any, to final payment;
 - c. satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any Liens or other title defects, or will so pass upon final payment.
 - d. a list of all disputes that Contractor believes are unsettled; and
 - e. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of the Work, and of Liens filed in connection with the Work.
- 3. In lieu of the releases or waivers of Liens specified in Paragraph 15.06.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (a) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (b) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner

against any Lien, or Owner at its option may issue joint checks payable to Contractor and specified Subcontractors and Suppliers.

B. Engineer's Review of Application and Acceptance:

- If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract have been fulfilled, Engineer will, within ten days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of final payment and present the Application for Payment to Owner for payment. Such recommendation shall account for any set-offs against payment that are necessary in Engineer's opinion to protect Owner from loss for the reasons stated above with respect to progress payments. At the same time Engineer will also give written notice to Owner and Contractor that the Work is acceptable, subject to the provisions of Paragraph 15.07. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.
- C. *Completion of Work*: The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment.
- D. Payment Becomes Due: Thirty days after the presentation to Owner of the final Application for Payment and accompanying documentation, the amount recommended by Engineer (less any further sum Owner is entitled to set off against Engineer's recommendation, including but not limited to set-offs for liquidated damages and set-offs allowed under the provisions above with respect to progress payments) will become due and shall be paid by Owner to Contractor.

15.07 Waiver of Claims

- A. The making of final payment will not constitute a waiver by Owner of claims or rights against Contractor. Owner expressly reserves claims and rights arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 15.05, from Contractor's failure to comply with the Contract Documents or the terms of any special guarantees specified therein, from outstanding Claims by Owner, or from Contractor's continuing obligations under the Contract Documents.
- B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted or appealed under the provisions of Article 17.

15.08 Correction Period

A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents, or by any specific provision of the Contract Documents), any Work is found to be defective, or if the repair of any damages to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas used by Contractor as permitted by Laws and Regulations, is found to be defective, then Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:

- 1. correct the defective repairs to the Site or such other adjacent areas;
- 2. correct such defective Work;
- 3. if the defective Work has been rejected by Owner, remove it from the Project and replace it with Work that is not defective, and
- 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others, or to other land or areas resulting therefrom.
- 3. If Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others).
- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- E. Contractor's obligations under this paragraph are in addition to all other obligations and warranties. The provisions of this paragraph shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

ARTICLE 16 – SUSPENSION OF WORK AND TERMINATION

16.01 Owner May Suspend Work

A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension. Any Change Proposal seeking such adjustments shall be submitted no later than 30 days after the date fixed for resumption of Work.

16.02 Owner May Terminate for Cause

- A. The occurrence of any one or more of the following events will constitute a default by Contractor and justify termination for cause:
 - Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule);
 - 2. Failure of Contractor to perform or otherwise to comply with a material term of the Contract Documents:

- 3. Contractor's disregard of Laws or Regulations of any public body having jurisdiction; or
- 4. Contractor's repeated disregard of the authority of Owner or Engineer.
- B. If one or more of the events identified in Paragraph 16.02.A occurs, then after giving Contractor (and any surety) ten days written notice that Owner is considering a declaration that Contractor is in default and termination of the contract, Owner may proceed to:
 - 1. declare Contractor to be in default, and give Contractor (and any surety) notice that the Contract is terminated; and
 - 2. enforce the rights available to Owner under any applicable performance bond.
- C. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- D. Owner may not proceed with termination of the Contract under Paragraph 16.02.B if Contractor within seven days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- E. If Owner proceeds as provided in Paragraph 16.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds the cost to complete the Work, including all related claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals) sustained by Owner, such excess will be paid to Contractor. If the cost to complete the Work including such related claims, costs, losses, and damages exceeds such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- F. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue, or any rights or remedies of Owner against Contractor or any surety under any payment bond or performance bond. Any retention or payment of money due Contractor by Owner will not release Contractor from liability.
- G. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 6.01.A, the provisions of that bond shall govern over any inconsistent provisions of Paragraphs 16.02.B and 16.02.D.

16.03 Owner May Terminate For Convenience

- A. Upon seven days written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
 - completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents

- in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
- 3. other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.
- B. Contractor shall not be paid on account of loss of anticipated overhead, profits, or revenue, or other economic loss arising out of or resulting from such termination.

16.04 Contractor May Stop Work or Terminate

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (3) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the contract and recover from Owner payment on the same terms as provided in Paragraph 16.03.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this paragraph are not intended to preclude Contractor from submitting a Change Proposal for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this paragraph.

ARTICLE 17 – FINAL RESOLUTION OF DISPUTES

17.01 Methods and Procedures

- A. *Disputes Subject to Final Resolution*: The following disputed matters are subject to final resolution under the provisions of this Article:
 - 1. A timely appeal of an approval in part and denial in part of a Claim, or of a denial in full; and
 - 2. Disputes between Owner and Contractor concerning the Work or obligations under the Contract Documents, and arising after final payment has been made.
- B. *Final Resolution of Disputes*: For any dispute subject to resolution under this Article, Owner or Contractor may:
 - 1. elect in writing to invoke the dispute resolution process provided for in the Supplementary Conditions; or
 - 2. agree with the other party to submit the dispute to another dispute resolution process; or
 - 3. if no dispute resolution process is provided for in the Supplementary Conditions or mutually agreed to, give written notice to the other party of the intent to submit the dispute to a court of competent jurisdiction. However, the exclusive venue for any legal action between Owner and Contractor arising out of this agreement or the

performance of services thereunder shall be the Circuit Court of Christian County, Missouri, and Contractor submits to the jurisdiction of said court.

17.02 Attorneys' Fees

A. For any matter subject to final resolution under this Article, the prevailing party shall be entitled to an award of its attorneys' fees incurred in the final resolution proceedings, in an equitable amount to be determined in the discretion of the court, arbitrator, arbitration panel, or other arbiter of the matter subject to final resolution, taking into account the parties' initial demand or defense positions in comparison with the final result.

ARTICLE 18 – MISCELLANEOUS

18.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
 - 1. delivered in person, by a commercial courier service or otherwise, to the individual or to a member of the firm or to an officer of the corporation for which it is intended; or
 - 2. delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the sender of the notice.

18.02 Computation of Times

A. When any period of time is referred to in the Contract by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

18.03 Cumulative Remedies

A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

18.04 Limitation of Damages

A. With respect to any and all Change Proposals, Claims, disputes subject to final resolution, and other matters at issue, neither Owner nor Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

18.05 No Waiver

A. A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Contract.

18.06 Survival of Obligations

A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the

Contract, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

18.07 Controlling Law

A. This Contract is to be governed by the law of the state in which the Project is located.

18.08 Headings

A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

SUPPLEMENTARY CONDITIONS

These Supplementary Conditions amend or supplement the Standard General Conditions of the Construction Contract and other provisions of the Contract Documents as indicated below. All provisions that are not so amended or supplemented remain in full force and effect.

SC-1. DEFINITIONS.

The terms used in these Supplementary Conditions, which are defined in the General Conditions and not amended by these Supplementary Conditions, have the meanings assigned to them in the General Conditions.

SC-2. RETAINAGE.

Owner shall retain from each progress payment an amount equal to five (5) percent of the estimated value of the Work completed until final completion and acceptance of all work covered by the Contract documents.

SC-3. CONTRACT TIME

The contract time is for 120 calendar days. The contract time will not be extended due to normal weather conditions such as rain, snow, etc. which could be reasonably expected to occur within any 120 calendar day period at the project location.

SC-4. CITIZEN CLAIMS

In the event that a citizen makes a claim against the Contractor, then the Contractor shall do the following:

- A. Investigate a claim when notified by a citizen or the Owner.
- B. Within five (5) days after completing the investigation, the Contractor shall notify the person making the claim in writing that the Contractor is approving or denying the claim or a part thereof. The Owner shall receive a copy of the claim and notification.
- C. Claim shall not be denied for frivolous reasons.
- D. In the event the Owner determines after notifications by a citizen that the Contractor has failed to comply with the above provisions, the Owner may, at its discretion, withhold payment to the Contractor until the provisions set forth above are complied with.

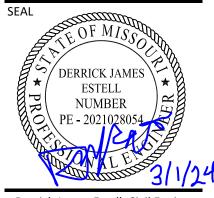
SC-5. PERMITS

The Contractor is responsible for ensuring that all necessary permits are in place prior to construction. If any necessary permits are not in place, the Contractor will apply for such permits and pay applicable permit fees at the Contractor's expense.

REGISTRANTS

The personal seal of each shown Engineer shall be the legal equivalent of his signature whenever and wherever used, and the owner of the seal shall authenticate this sheet and the specification sections pertaining to this sheet. Responsibility shall be disclaimed for all other plans, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of this project.

Those sections each discipline is responsible for shall be as listed alongside seal of same.



Derrick James Estell, Civil Engineer MO# PE-2021028054

CIVIL ENGINEER OF RECORD

Toth & Associates, Inc. 1550 East Republic Road Springfield, Missouri 65804 417-888-0645 Missouri State Certificate of Authority # 2004004242

Sections: 321723

SECTION 321723 - PAVEMENT MARKINGS

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. Provide labor, material, and equipment necessary installation of pavement markings as shown on the Project Drawings.
- B. Provide labor, material, and equipment necessary for the removal of existing pavement markings as shown to be removed on the Project Drawings.

1.2 SUBMITTALS

- A. Manufacturer's Certificates and Data certifying that the paint, thermoplastic, and/or glass beads conform to the requirements specified.
- B. Shop Drawings: Indicate pavement markings, lane separations, and defined parking spaces. Indicate, with international symbol of accessibility, spaces allocated for people with disabilities.

1.3 DELIVERY, STORAGE, AND HANDLING

- A. Deliver pavement marking materials to project site in original packages with seals unbroken and bearing manufacturer's labels containing brand name and type of material, date of manufacture, and directions for storage.
- B. Store pavement marking materials in a clean, dry, protected location within temperature range required by manufacturer. Protect stored materials from direct sunlight.

PART 2 - PRODUCTS

2.1 PAINT MATERIALS

Contractor shall use the following paint products or their approved equal:

A. MARK086700 White Cold Weather Traffic Marking Paint:

Supplier Part: 60524CO0298-2 Manufacturer: Ennis-Flint, Inc. Manufacturer Part: 985351

B. MGS086705 Yellow Cold Weather Traffic Marking Paint

Supplier Part: 60524C00298-3 Manufacturer: Ennis-Flint, Inc. Manufacturer Part: 985352

2.2 THERMOPLASTIC MATERIALS

A. Thermoplastic materials shall conform to MoDOT Specification Section 620.

PART 3 - EXECUTION

3.1 PAINT INSTALLATION

- A. Allow new pavement surfaces to cure for a period of not less than 14 days before application of marking materials.
- B. Proceed with pavement marking only on clean, dry surfaces and at a minimum ambient or surface temperature of 40 degrees F (4.4 degrees C) for oil-based materials; 55 degrees F (12.8 degrees C) for water based materials; and not exceeding 95 degrees F (35 degrees C) for either.
- C. Do not apply pavement marking paint until layout, colors, and placement have been verified with the Engineer.
- D. Sweep and clean surface to eliminate loose material and dust.
- E. Apply paint with mechanical equipment to produce pavement markings, of dimensions indicated, with uniform, straight edges. Apply at manufacturer's recommended rates to provide a minimum wet film thickness of 15 mils (0.4 mm).
- F. Broadcast glass beads uniformly into wet pavement markings at a rate of 6 lb./gal. (0.72 kg/L).

3.2 THERMOPLASTIC INSTALLATION

- A. Proceed with pavement marking only on clean, dry surfaces and at a minimum pavement surface temperature of 60 degrees F (15.6 degrees C) and a minimum ambient temperature of 50 degrees F (10 degrees C).
- B. A primer shall be applied to bituminous surfaces over 2 months old and all concrete surfaces. Primer is not required on new bituminous surfaces unless recommend by the thermoplastic manufacturer. Primer shall be applied and cured in accordance with the recommendations of the thermoplastic manufacturer.
- C. Temperature of the thermoplastic at the time of application shall be 400 425 degrees F (204.4 232.2 degrees C).
- D. Furnished markings shall have well defined edges and be free of waviness.

3.3 PROTECTION

A. Conduct operations in such a manner that necessary traffic can move without hindrance.

B. Protect newly painted markings so that, insofar as possible, the tires of passing vehicles will not pick up paint.

3.4 REMOVAL OF MARKINGS

- A. Preformed removable tape shall be removed by had methods.
- B. Paint shall be removed from Portland cement concrete pavement by a high pressure water blast method, or a low pressure water and sand blast method, or a steel shot blast method.
- C. Paint shall be removed from bituminous pavement by either a low pressure water and sand blast method or by a steel shot blast method.
- D. Paint shall be removed without damaging the surface or texture and without leaving an image which might mislead traffic.
- E. High pressure water blast methods shall not exceed 10,000 psi.
- F. Low pressure water and sand blast methods shall not exceed 3,000 psi.

END OF SECTION 321723

PART 1 - GENERAL

1.01 SCOPE:

A. This section covers methods of measurement and payment for items of work under this contract.

1.02 **DEFINITION**:

A. Unit Price is stated on the Bid Form as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

3.03 PROCEDURES:

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, applicable taxes, and profit.
- B. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices. Measurements as determined by Owner shall be the final authority for payment at the established unit prices.
- C. List of Pay Items: A list of unit prices is included at the end of this Section.
- D. The quantities as given in the Bid Form are not guaranteed to be the exact or total quantities required for the completion of the Work shown on the drawings and described in the specifications. Increases or decreases may be made over or under the Bid Form estimated quantities to provide for the needs that are determined by the Owner during the process of the Work. Contract unit prices shall apply to such increased or decreased quantities. The Bidder is warned against unbalancing his bid, since the unit prices will apply to deductions as well as additions. The Owner has the privilege of omitting or adding to any unit items in the Bid Form.
- E. The Contractor agrees that he will make no claim for damages, anticipated profits, or otherwise, on account of any difference between the amounts of Work actually performed and materials actually furnished and the estimated amounts thereof. The Owner will not pay for or be responsible for unused materials which may have been ordered by the Contractor in accordance with the estimated quantities listed in the Bid Form.
- F. It is the intent of the Contract Documents that all costs in connection with the Work, including furnishing of all materials, equipment, supplies and appurtenances; providing all construction plant, equipment, and tools; and performing of all necessary labor to fully complete the Work, shall be included in the unit and lump sum prices named in the Bid Form. 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 Bid Form. All Work not specifically set forth in the Bid Form as a pay item shall be considered a subsidiary obligation of the Contract, and all cost in connection therewith shall be included in the prices named in the Bid Form.
- G. Even though the details for measurement and payment of a particular item are outlined in the following articles, if said item does not appear in the Bid Form, or if said item is a part of another item listed in the Bid Form, it will not be measured for payment.
- H. Whenever in the Bid Form there is a discrepancy between unit prices and extensions or totals, the unit prices will govern, and the extensions or totals will be corrected accordingly.
- I. Items for payment will be measured in accordance with the stipulations of these specifications and as further

shown on the drawings. Pay limits given are maximum, and where actual quantities of work items are less than as computed by said pay limits, the Contractor will be paid only for the actual quantities.

PART 2 - PRODUCTS - NOT APPLICABLE

PART 3 - EXECUTION

PAYMENT MEASUREMENTS

3.01 PAY ITEMS

101. Mobilization, Demobilization, Bonding: Shall be a maximum of 5% of the total contract amount and shall be considered to cover all expenses incurred for mobilization, demobilization, bonding, and project start up. Up to two-thirds of the lump sum price for this pay item can be requested upon production of all bonds and full mobilization on the job site is complete. The remaining portion of this can be payable upon 100% completion of project and the Contractor has completely demobilized from the jobsite.

3.02 PAY ITEMS SELMORE ROAD: HIGHWAY 14 TO WISCONSIN

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Dashed White 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 103. Solid Yellow 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 106. White Left Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white left arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 107. White Right Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white right arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 108. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be

included in this unit price.

- 109. <u>Yellow Chevron:</u> Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all yellow chevrons required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 110. White Chevron: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white chevrons required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.03 PAY ITEMS HEARTLEY: SOUTH 14TH AVENUE TO JJ

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.04 PAY ITEMS WARREN AVENUE: 6TH AVENUE TO HIGHWAY W

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.05 PAY ITEMS RIVERDALE ROAD: BRIDGE BY 65 TO FOXTAIL

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price

103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.06 PAY ITEMS CAVE HOLLOW: HIGHWAY F TO RIVERDALE ROAD

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.07 PAY ITEMS 40TH STREET: HIGHWAY 14 TO MCCAULEY ROAD

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.08 PAY ITEMS CHEYENNE ROAD: NIXA SCHOOL NORTH SIDE TO HIGHWAY CC

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Left Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white left arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. White Right Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white right arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

106. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.09 PAY ITEMS FREMONT ROAD: HIGHWAY CC TO FIOCCHI AMMUNITION DRIVEWAY

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Left Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white left arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. White Straight Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white straight arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 106. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.10 PAY ITEMS LONGVIEW ROAD: 20TH STREET TO FREMONT ROAD

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.11 PAY ITEMS NORTH ROAD: FREMONT ROAD TO COMBS ROAD

101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.12 PAY ITEMS FARMERS BRANCH ROAD: HIGHWAY NN TO CITY WIDE CONCRETE DRIVEWAY

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Left Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white left arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. White Right Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white right arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 106. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 107. <u>Yellow Chevron:</u> Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all yellow chevrons required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.13 PAY ITEMS N WILLOW ROAD: QUAIL RUN TO MELTON

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.14 PAY ITEMS E CARDINAL ROAD: N WILLOW ROAD TO N PHEASANT ROAD

101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall

include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.15 PAY ITEMS MELTON ROAD: HIGHWAY NN TO SOUTHERNVIEW

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.16 PAY ITEMS SOUTHERNVIEW: MELTON TO HIGHWAY NN

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the

proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.17 PAY ITEMS BLUE STEAM ROAD: HIGHWAY NN TO NEW CULVERTS

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.18 PAY ITEMS MCCRACKEN ROAD: BARRY LANE TO N RIVERSIDE ROAD

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. White Right Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white right arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 106. White Chevron: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white chevrons required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.19 PAY ITEMS N RIVERSIDE ROAD: E MCCRACKEN ROAD TO THE NEW BUILT BRIDGE

101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in

this unit price.

- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. White Right Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white right arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.20 PAY ITEMS N SMALLIN ROAD: N RIVERSIDE ROAD BRIDGE TO N PHEASANT ROAD

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.21 PAY ITEMS N PHEASANT ROAD: HIGHWAY NN TO E CARDINAL ROAD

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.22 PAY ITEMS W. SUNSET ROAD: HIGHWAY NN TO N 3RD STREET

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.23 PAY ITEMS N 3RD STREET: W SUNSET ROAD TO RIVERBLUFF DRIVE

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.24 PAY ITEMS RIVERBLUFF DRIVE: N 3RD STREET TO HIGHWAY NN

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price

- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.25 PAY ITEMS N WEAVER ROAD: HIGHWAY NN TO HIGHWAY NN

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.26 PAY ITEMS ALTERNATE BID #1 MCLEAN ROAD: PARK BOULEVARD TO DAIRY FARMER HOUSE

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.27 PAY ITEMS ALTERNATE BID #2 SOUTH 17TH STREET: HIGHWAY F TO S11TH STREET

- 101. <u>Solid White 6" Pavement Marking</u>: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

- 104. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. White Left Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white left arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

3.28 PAY ITEMS ALTERNATE BID #3 FREMONT ROAD: HIGHWAY CC TO OTC ENTRANCE

- 101. Solid White 6" Pavement Marking: Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all solid white 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 102. <u>Double Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all double yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 103. <u>Dashed Yellow 6" Pavement Marking:</u> Shall be measured for payment by linear foot. This unit price item shall include the cost associated with placing all dashed yellow 6" pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 104. White Left Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white left arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 105. White Right Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white right arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.
- 106. White Straight Arrow Pavement Marking: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white straight arrow pavement markings required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price
- 107. White Preformed Thermoplastic Stop Bar: Shall be measured for payment by each unit. This unit price item shall include the cost associated with placing all white preformed thermoplastic stop bars required for installing the proposed site improvements. All necessary labor, materials, equipment, delivery, placement, and testing shall be included in this unit price.

END OF SECTION



