



KINGFISHER COUNTY COMMISSIONERS

Jeff Moss, District 1
Ray Alan Shimanek, District 2
Heath Dobrovolny, District 3

Phone: (405) 375-3808
Fax: (405) 375-2366

Kingfisher County Courthouse
101 S. Main, Room #9
Kingfisher, OK 73750

February 11, 2019

Bid # 11-18-19

NOTICE TO BIDDERS

Notice is hereby given that the Board of County Commissioners of Kingfisher County will receive sealed bids on labor and materials necessary for bridge project, bridge #126. Bids will be accepted at the Kingfisher County Courthouse in the Office of the County Clerk until 4:00pm on the 8st, day of March, 2019 to be opened at their regular meeting of March 11th, 2019.

Statement of Work and Specifications of the project to be bid are included in the bid packet and also available from the purchasing agent located in the Kingfisher County Clerk's office and the County Engineer's office.

The successful bidder is required to produce a performance bond upon request and to show certificates of Insurance, its limits, and Workers Compensation Insurance. This will be detailed in the Statement of Work and general requirements.

The Board of County Commissioners reserves the right to reject any or all bids. All bidders must complete a statement of non-collusion and a Cashier's Check, a certified check, or a surety bid bond in the amount of five percent (5%) of the gross amount of base bid as a guaranty, shall accompany the sealed proposal of each bidder. Deposits will be returned to the unsuccessful bidders and successful bidders, upon approval of the contract and submission of a 100% Performance Bond, a 100% Statutory Bond, and a 100% Maintenance Bond. Please contact Kingfisher County Clerk's office for bid results at 405-375-3887.

Board of County Commissioners
Kingfisher County Courthouse
Kingfisher, Oklahoma

CHAIRMAN: *Jeff Moss*
Jeff Moss

ATTEST:

MEMBER: *Ray Shimanek*
Ray Shimanek

Jeanie Lewis

MEMBER: *Heath Dobrovolny*
Heath Dobrovolny

COUNTY CLERK





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Board of County Commissioners
Kingfisher County Courthouse
Kingfisher, Oklahoma

CHAIRMAN: *Jeff Moss*
Jeff Moss

ATTEST:

MEMBER: *Ray Shimanek*
Ray Shimanek

Jeanne Beuss

MEMBER: *Heath Dobrovoly*
Heath Dobrovoly

COUNTY CLERK



S.A. & I. 425 (2000)

AFFIDAVIT FOR FILING WITH COMPETITIVE BID

State of Oklahoma) SS

County of Kingfisher)

_____, lawful age, being first duly sworn, on oath says, that (s)he is the agent authorized by the bidder to submit the attached bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any county official or employee as to quantity, quality or price in the prospective contract, or any other terms of said prospective contract; or in any discussions between bidders and any county official concerning exchange of money or other thing of value for special consideration in the letting of contract.

Bidder:

Signature

Subscribed and sworn to before me the _____ day of _____, 2017.

Notary Public (or Clerk or Judge)

My commission expires: _____

Note:

Each competitive bid submitted to a county, school district or municipality must be accompanied with the above Affidavit as required by 61 Okl.St. Ann. 138

CONTRACT DOCUMENTS
AND
PLANS AND SPECIFICATIONS

for

Kingfisher County

Bridge Materials for Bridge Project

Bridge 126

37E0870N2850009

Prepared for

Kingfisher County

February 2019

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* Technical Specifications

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Kingfisher County, Oklahoma
COUNTY PURCHASING OFFICE
 Kingfisher County Courthouse
 Kingfisher, OK 73036

INVITATION TO BID

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE SIDE RELATING TO SUBMISSION OF THIS BID.					DATE ISSUED
Notarized Affidavit completions and signature required on reverse side.					Page 1 of <u> 2 </u>
BID NUMBER		BID CLOSING DATE AND HOUR March 8 th , 2019 at 4.30 pm		REQUIRED DELIVERY DATE _____ Days after award of Purchase Order	
TERMS: Bidding documents shall be obtained from the Kingfisher County Courthouse. Bids will be opened at 9:00 a.m. on March 11 th , 2019.					DATE OF DELIVERY:
Item	Quantity	Unit of Issue	Description	Unit Price	Total
			Construction of Bridge Bridge 126 37E0870N2850009 Pre-Bid Meeting Non-Mandatory Date: February 26th, 2019 Time: 3:00 p.m. Location: Kingfisher County Courthouse		

TERMS AND CONDITIONS

1. Sealed bids will be opened in the County Commissioner's Office, Kingfisher County Courthouse, 101 S. Main St., Kingfisher, OK 73750 at the time and date shown on the invitation to bid form.
2. Late bids will not be considered. Bids must be received in sealed envelopes (one to an envelope) with bid number and closing date written on the outside of each envelope.
3. Unit prices will be guaranteed correct by the bidder.
4. Firm prices will be F.O.B. destination.
5. Purchases by Kingfisher County, Oklahoma are not subject to state or federal taxes.
6. This bid is submitted as a legal offer and any bid when accepted by the County constitutes a firm contract.
7. Oklahoma laws require each bidder submitting a bid to a county for goods or services to furnish a notarized sworn statement of non-collusion. A form is supplied below.
8. Bids will be firm until _____ .
(Date)

AFFIDAVIT: I, the undersigned, of lawful age, being first duly sworn on oath say that he (she) is the agent authorized by the bidder to submit the above bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any state official or employee as to quantity; quality or price in the prospective contract or any other terms of said prospective contract; or in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma (or other entity) any money or other thing of value, either directly or indirectly in the procuring of the award of a contract pursuant to this bid.

Subscribed and sworn before this _____ day
of _____, 20_____.

(SEAL)

Firm: _____

My commission expires: _____

Signed by: _____ Title: _____
(Manual Signature of Undersigned)

NOTARY PUBLIC (CLERK OR JUDGE)

Address: _____ Phone: _____

City: _____ State: _____

Zip: _____

PROPOSAL

TO: Kingfisher County Commissioners
Kingfisher County, Oklahoma

Gentlemen:

Pursuant to the notice inviting proposals, the undersigned bidder herewith submits his proposal.

He declares he has carefully examined the Plans, Specifications and forms of Contract and bonds as set forth in the proceedings for:

**Kingfisher County
Bridge Materials for Bridge Project
Bridge 126
37E0870N2850009**

and that he has reached a full understanding of everything required on said Plans and Specifications, and that he has informed himself as to the kind and quantities of various materials to be furnished and/or the nature and location of the work to be done, and all other matters affecting the work.

The undersigned bidder proposes and agrees that if his proposal is accepted, to enter into contract with the County, on forms prescribed, with approved sureties, within seven (7) days, after notice of award to execute the Contract, and to furnish to the County a satisfactory Performance and Statutory Bond in the sum of 100% of the contract price, guaranteeing the faithful performance of the work and payment of bills.

To do any extra work not covered by the following schedule of prices or stipulated lump sum price which may be ordered by the Engineer and to accept as full compensation therefor such prices as may be agreed upon in writing by the Engineer and the Contractor in accordance with Section 108.04 of the General Provisions.

It is further agreed that the Contractor shall begin the work on the date indicated in the Notice to Proceed and to prosecute said work in such a manner as to complete all work contracted for within **120** calendar days following the Notice to Proceed. The Notice to Proceed shall become effective within 30 calendar days of the bid opening.

The Contractor shall take out and maintain public liability insurance in accordance with Section 106.25 of the General Provisions of the Specifications. A copy of said Specifications is now on file in the Office of the County Clerk.

Upon completion of the Contract, the Contractor shall furnish to the County a satisfactory Maintenance Bond in the amount of 100% of the final contract price, guaranteeing the maintenance of the work for a period of **ONE** (1) year after acceptance by the County.

Accompanying this proposal is a proposal guaranty for 5% of the total bid, payable to Kingfisher County, which is to be forfeited, as liquidated damages, if, in the event that this proposal is accepted, the undersigned shall fail to execute the contract and furnish satisfactory contract bond under the conditions and within the time specified in this proposal. Otherwise said proposal guaranty is to be returned to the undersigned.

P-1

CD - 5 of 21

**PROPOSAL
Kingfisher County
Bridge Materials for Bridge Project
Bridge 126
37E0870N2850009
(Labor, Beams and Concrete Not Included)**

BRIDGE 126 SCHEDULE OF MATERIALS			
Qty	Unit	ITEM	Bid Price for Material Over Planned Quantity
60	L.F.	HP 10 X 42 BENT CAPS	L.F.
360	L.F.	HP 10 X 42 WING PILES	L.F.
480	L.F.	HP 10 X 42 SEAT PILES	L.F.
60	L.F.	HP 14 X 73 PIER BENT CAP	L.F.
480	L.F.	HP 12 X 53 PIER SEAT PILES	L.F.
2,020	S.F.	10 GAUGE SHEET PILES	S.F.
3,960	S.F.	36" WIDE 22 GAUGE STEEL DECK FORMS	S.F.
320	L.F.	W6 X 20 BRIDGE TRAFFIC RAIL POSTS	L.F.
20	L.F.	1/2" X 9" PLATE	L.F.
40	L.F.	1/2" X 7" PLATE	L.F.
20,600	L.F.	#4 REINFORCING STEEL	L.F.
10,360	L.F.	#5 REINFORCING STEEL	L.F.
208	EA.	1" X 5'-0" SLAB BOLSER	EA.
204	EA.	2" X 5'-0" SLAB BOLSTER	EA.
324	EA.	5/8" ϕ X 6" WELDED STUD	EA.
60	L.F.	C10 X 20 END HEADER	L.F.
260	L.F.	3/8" X 8" PLATE	L.F.
280	L.F.	C8 X 11.5 HORIZONTAL BRACING	L.F.
60	L.F.	C10 X 20 WING CAP	L.F.
120	L.F.	C10 X 20 PIER HORIZONTAL BRACING	L.F.
120	L.F.	L5 X 3 X 1/4 PIER DIAGONAL BRACING	L.F.
120	L.F.	L4 X 3 X 1/4 SHEET PILE CAP	L.F.
920	L.F.	L3 X 3 X 1/4 BRACING	L.F.
880	L.F.	L3 X 3 X 1/4 SIP DECK FORM SUPPORT	L.F.

300	L.F.	C4 X 7.2 SHEAR CONNECTOR	L.F.
160	L.F.	1" X 12" PLATE	L.F.
20	L.F.	5/16" X 12" PLATE	L.F.
262.5	L.F.	W BEAM GUARDRAIL	L.F.
4	EA.	W BEAM FLARED END SECTION	EA.
		Total	

(if none, so state)

Further, Affiant saith not.

Signature of Authorized Agent

Title (printed)

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

(SEAL)

My commission expires:

Notary Public

CONSTRUCTION CONTRACT

This Contract is made and entered into this _____ day of _____, 20____, by and between Kingfisher County, Oklahoma hereinafter called "County and _____, a(n) _____ hereinafter called "Contractor."

WITNESSETH

WHEREAS, in accordance with the state law and the Public Competitive Bidding act of 1974, 61 Okla. Stat. §§ 101 et seq. (hereinafter collectively referred to as "state law"), the County has caused to be prepared certain plans, specifications, and other bidding documents (the "Bidding Documents") for the work hereinafter described; and,

WHEREAS, in accordance with state law, the County has approved and adopted all of said Bidding Documents and has caused an Invitation to Bid to be given and advertised and has received sealed bids for the furnishing of all labor and materials for:

**Kingfisher County
Bridge Materials for Bridge Project
Bridge 126
37E0870N2850009**

as outlined and set out in the Bidding Documents and in accordance with the terms and provisions of this Contract; and,

WHEREAS, Contractor, in response to said Invitation to Bid, has submitted to the County, in the manner and at the time specified, a sealed bid in accordance with the terms of the Bidding Documents; and,

WHEREAS, the County, in the manner provided by state law, has publicly opened, examined and canvassed the bids submitted and has determined and declared the above-named Contractor to be the lowest responsible bidder on the above described project; and,

WHEREAS, the County has duly awarded this Contract to said Contractor, for the sum named in the bid, to-wit:

Dollars and Cents spelled out here (\$.).

NOW THEREFORE, in consideration of the mutual promises, covenants, and conditions herein stated and in consideration of the mutual benefits, which will accrue to the parties, the sufficiency of which is acknowledged by the parties, the parties agree as follows:

1. Incorporation of Bidding Documents. This Contract hereby incorporates, as if fully set out herein, the Plans, Specifications, General Provisions, Special Provisions, Contractor's Proposal and any and all Addendums issued. All of these documents have been provided to and/or by the Contractor and are on file in the Office of the County Clerk. Hereinafter, these documents shall be collectively referred to as "Bidding Documents."

2. Engagement of Contractor. The County hereby engages Contractor to perform certain construction services for the benefit of the County. Contractor accepts such engagement pursuant to the terms and conditions set forth herein.

3. Scope of Engagement. Contractor shall, in a good and first-class, workmanlike manner, at its own cost and expense, furnish all labor, materials, tools and equipment required to perform and complete said work in strict accordance with the Bidding Documents, with the following additions and/or exceptions: (if none, so state.)

(NONE)

4. Payments to Contractor. The County shall make payments to the Contractor in the following manner:
 - a. On or about the first (1st) day of each month, the Engineer, or other appropriate person, will make accurate estimates of the value, based on contract prices, of the work done and materials incorporated in the work and of materials suitably stored at the site thereof during the preceding calendar month. The Contractor shall furnish to the Engineer such detailed information as he may request to aid him as a guide in the preparation of the monthly estimates. Ninety-five percent (95%) of such estimated sum shall be paid to the Contractor within five (5) days after the first regularly scheduled meeting of the County of the following month.

 - b. On completion of the work, but prior to the acceptance thereof by the County, it shall be the duty of the Engineer for the County, or other appropriate person, to determine that said work has been completely and fully performed in accordance with this Contract and all incorporated documents; and upon making such determination, said official shall make his final certification to the County.

 - c. The Contractor shall furnish proof that all claims and obligations incurred by him in connection with the performance of said work have been fully paid and settled; said information shall be in the form of an affidavit, which shall bear the approval of the surety on the contract bonds, for payment of the final estimate to the Contractor; thereupon, the final estimate (including retainage, but less any liquidated damages), will be approved and paid, within five (5) days after the first regularly scheduled meeting of the County of the following month.

5. Bargaining. The County and the Contractor have had the opportunity to seek independent legal counsel before entering into this Contract. The language of this Contract shall be construed simply, according to its fair meaning, and not strictly for or against either party.

6. Third Party Beneficiaries. Nothing in this Contract, expressed or implied, is intended to confer upon any person other than the parties hereto and their respective assigns, any rights or remedies under or by reason of this Contract, except as provided expressly herein.

7. Notices. Whenever a notice is required to be given in writing and under the terms of this Contract, or any extension hereunder, such notice shall either be hand-delivered or mailed by

certified mail, return receipt requested, and directed to the respective parties at the following addresses:

If to the County:

If to Contractor:

Kingfisher County Commissioners

Kingfisher County Courthouse, 101 S. Main St.

Kingfisher, OK 73750

or at such other address as a party shall specify by like notice to the other party hereto. Notices shall be effective on the date of delivery.

- 8. Counterparts. This Contract may be executed in any number of counterparts, and when each party has signed and delivered to the other at least one (1) such counterpart, each counterpart shall be deemed an original, and when taken together with other signed counterparts, shall constitute one (1) agreement; provided, however, this Contract shall not be binding upon the parties hereto until signed by all of the parties.
- 9. Integration and Amendments. This Contract constitutes the entire agreement between the parties and may not be amended, altered, modified or changed in any way except in writing signed by all parties to this Contract and which specifically references this Contract. There are no other agreements, representations or warranties, whether oral or written, regarding the subject matter of this Contract. No course of dealings involving the parties hereto and no usage of trade shall be relevant or admissible to interpret, supplement, explain or in any way vary any of the terms expressly set forth in this Contract. Any amendment to this Contract shall be attached to this Contract and all of the terms in this Contract not addressed in the amendment shall remain in full force and effect.
- 10. Binding Effect. This Contract binds the parties and any successors and assigns of the parties.
- 11. Severability. If any one or more of the sections, sentences, clauses, or parts be held invalid for any reason, the invalidity of such section, sentence, clause, or part shall not affect nor prejudice the applicability and validity of any other provision of this Contract.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed on the day and year last written below.

Date: _____

Kingfisher County Commissioners,

Chairman

(SEAL)

ATTEST:

County Clerk

Approved as to form:

District Attorney

Date: _____

a(n) _____

Signature

Printed Name

Title

ATTEST:

Secretary and/or Witness

State of Oklahoma)
) ss.
County of _____)

_____, of lawful age, being first duly sworn, on oath, says that (s)he is the agent authorized by the Contractor to submit the above Contract to Kingfisher County. Affiant further states that Contractor has not paid, given or donated, or agreed to pay give or donate to any officer or employee of Kingfisher County, any money or other valuable thing, either directly or indirectly, in the procuring of this Contract.

Signature

Printed Name/Title

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

(SEAL)

Notary Public

My Commission Expires: _____

My Commission Number: _____

MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENT, that
Principal, and _____, a corporation organized under the laws of the State of
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound unto
Kingfisher County, in the penal sum of _____ Dollars
(\$ _____) in lawful money of the United States of America, said sum being the contract
price, for the payment of which, well and truly to be made, we bind ourselves and each of us, our heirs,
executors, administrators, trustees, successors, and assigns, jointly and severally, firmly by these
presents.

Dated this _____ day of _____, 20_____.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written contract with Kingfisher County, dated
, 20_____, for:

**Kingfisher County
Bridge Materials for Bridge Project
Bridge 126
37E0870N2850009**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the
Office of the County Clerk, located in the County Courthouse Building in Kingfisher, Oklahoma.

NOW, THEREFORE, if said Principal shall pay or cause to be paid to Kingfisher County,
Oklahoma, all damage, loss, and expense which may result by reason of defective materials and/or
workmanship in connection with said work, occurring within a period of **one (1) year** from and after
acceptance of said project by Kingfisher County, Oklahoma; then this obligation shall be null and void,
otherwise to be and remain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its
attorney-in- fact, duly authorized so to do, the day and year first above written.

Principal:

By:

Title

(SEAL)
ATTEST:

Secretary

Surety:

By:

Attorney-in-Fact

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENT, that _____,
Principal, and _____, a corporation organized under the laws of the State of
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound
Kingfisher County, Oklahoma, in the penal sum of _____ Dollars (\$
) in lawful money of the United States of America, for the payment of which, well and truly to be made, we
bind ourselves and each of us, our heirs, executors, administrators, trustees, successors, and assigns,
jointly and severally, firmly by these presents.

Dated this _____ day of _____, 20_____.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written contract with Kingfisher County Oklahoma,
dated _____, 20____, for:

**Kingfisher County
Bridge Materials for Bridge Project
Bridge 126
37E0870N2850009**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the
Office of the County Clerk, located in the County Courthouse Building in Kingfisher, Oklahoma.

NOW, THEREFORE, if said Principal shall in all particulars, well, truly, and faithfully perform and
abide by said contract and each and every covenant, condition, and part thereof and shall fulfill all
obligations resting upon said principal by the terms of said contract and specifications and if said principal
shall protect and save harmless Kingfisher County, Oklahoma from any pecuniary loss resulting from the
breach of any of the items, covenants and conditions of said contract resting upon said principal, then this
obligation shall be null and void, otherwise to be and remain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its
attorney-in-fact, duly authorized so to do, the day and year first above written.

Principal:

By: _____

Title

(SEAL)
ATTEST:

Secretary

Surety:

By: _____

Attorney-in-Fact

STATUTORY BOND

KNOW ALL MEN BY THESE PRESENT, that _____,
Principal, and _____, a corporation organized under the laws of the State of
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound unto
Kingfisher County, Oklahoma, in the penal sum of _____ Dollars (\$
) in lawful money of the United States of America, for the payment of which, well and truly to be made, we
bind ourselves and each of us, our heirs, executors, administrators, trustees, successors, and assigns,
jointly and severally, firmly by these presents.

Dated this _____ day of _____, 20_____.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written Contract with Kingfisher County Oklahoma,
dated _____, 20_____, for:

**Kingfisher County
Bridge Materials for Bridge Project
Bridge 126
37E0870N2850009**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the
Office of the County Clerk, located in the County Courthouse Building in Kingfisher, Oklahoma.

NOW, THEREFORE, if said Principal shall fail or neglect to pay all indebtedness incurred by said
Principal or subcontractors of said Principal who performs work in the performance of such contract, for
labor and materials and repairs to and parts of equipment used and consumed in the performance of said
contract within thirty (30) days after the same becomes due and payable, the person, firm, or corporation
entitled thereto may sue and recover on this bond, the amount so due and unpaid.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its
attorney-in-fact, duly authorized so to do, the day and year first above written.

Principal:

By: _____

Title

(SEAL)

ATTEST:

Secretary

Surety:

By: _____

Attorney-in-Fact

INVOICE AFFIDAVIT

STATE OF _____)

) SS.

COUNTY OF _____)

The undersigned (architect, contractor, supplier, engineer, or supervisory official) of lawful age, being first duly sworn, on oath says that this invoice, claim or contract is true and correct. Affiant further states that the work, services, or materials as shown by this invoice or claim have been completed or supplied in accordance with the plans, specifications, orders or requests furnished to the affiant. Affiant further states that (s) he has made no payment, given or donated or agreed to pay, give or donate either directly or indirectly to any elected official, officer or employee of the State of Oklahoma, of money or any other thing of value to obtain payment or the award of this contract.

**Kingfisher County
Bridge Materials for Bridge Project
Bridge 126
37E0870N2850009**

Project Name

Project No.

Signature - Contractor or Supplier

Company Name (Print or Type)

Address

City, State, Zip

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

_____, Notary Public

My Commission Expires: _____

**CONTRACT DOCUMENTS
AND
PLANS AND SPECIFICATIONS**

for

Kingfisher County

Construction of Bridge Project

Bridge 126

37E0870N2850009

Prepared for

Kingfisher County

February 2019

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Performance Bond

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* Technical Specifications

* See ODOT 2009 Standard Specifications for Highway Construction

Kingfisher County, Oklahoma
 COUNTY PURCHASING OFFICE
 Kingfisher County Courthouse
 Kingfisher, OK 73036

INVITATION TO BID

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE SIDE RELATING TO SUBMISSION OF THIS BID.				DATE ISSUED	
Notarized Affidavit completions and signature required on reverse side.				Page 1 of <u> 2 </u>	
BID NUMBER		BID CLOSING DATE AND HOUR March 8 th , 2019 at 4.30 pm		REQUIRED DELIVERY DATE _____ Days after award of Purchase Order	
TERMS: Bidding documents shall be obtained from the Kingfisher County Courthouse. Bids will be opened at 9:00 a.m. on March 11 th , 2019.				DATE OF DELIVERY:	
Item	Quantity	Unit of Issue	Description	Unit Price	Total
			Construction of Bridge Bridge 126 37E0870N2850009 Pre-Bid Meeting Non-Mandatory Date: February 26th, 2019 Time: 3:00 p.m. Location: Project Site		

TERMS AND CONDITIONS

1. Sealed bids will be opened in the County Commissioner's Office, Kingfisher County Courthouse, 101 S. Main St., Kingfisher, OK 73750 at the time and date shown on the invitation to bid form.
2. Late bids will not be considered. Bids must be received in sealed envelopes (one to an envelope) with bid number and closing date written on the outside of each envelope.
3. Unit prices will be guaranteed correct by the bidder.
4. Firm prices will be F.O.B. destination.
5. Purchases by Kingfisher County, Oklahoma are not subject to state or federal taxes.
6. This bid is submitted as a legal offer and any bid when accepted by the County constitutes a firm contract.
7. Oklahoma laws require each bidder submitting a bid to a county for goods or services to furnish a notarized sworn statement of non-collusion. A form is supplied below.
8. Bids will be firm until _____
(Date)

AFFIDAVIT: I, the undersigned, of lawful age, being first duly sworn on oath say that he (she) is the agent authorized by the bidder to submit the above bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any state official or employee as to quantity; quality or price in the prospective contract or any other terms of said prospective contract; or in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma (or other entity) any money or other thing of value, either directly or indirectly in the procuring of the award of a contract pursuant to this bid.

Subscribed and sworn before this _____ day
of _____, 20_____.

(SEAL)

Firm: _____

My commission expires: _____

Signed by: _____ Title: _____
(Manual Signature of Undersigned)

NOTARY PUBLIC (CLERK OR JUDGE)

Address: _____ Phone: _____

City: _____ State: _____

Zip: _____

PROPOSAL

TO: Kingfisher County Commissioners
Kingfisher County, Oklahoma

Gentlemen:

Pursuant to the notice inviting proposals, the undersigned bidder herewith submits his proposal.

He declares he has carefully examined the Plans, Specifications and forms of Contract and bonds as set forth in the proceedings for:

**Kingfisher County
Construction of Bridge Project
Bridge 126
37E0870N2850009**

and that he has reached a full understanding of everything required on said Plans and Specifications, and that he has informed himself as to the kind and quantities of various materials to be furnished and/or the nature and location of the work to be done, and all other matters affecting the work.

The undersigned bidder proposes and agrees that if his proposal is accepted, to enter into contract with the County, on forms prescribed, with approved sureties, within seven (7) days, after notice of award to execute the Contract, and to furnish to the County a satisfactory Performance and Statutory Bond in the sum of 100% of the contract price, guaranteeing the faithful performance of the work and payment of bills.

To do any extra work not covered by the following schedule of prices or stipulated lump sum price which may be ordered by the Engineer and to accept as full compensation therefor such prices as may be agreed upon in writing by the Engineer and the Contractor in accordance with Section 108.04 of the General Provisions.

It is further agreed that the Contractor shall begin the work on the date indicated in the Notice to Proceed and to prosecute said work in such a manner as to complete all work contracted for within **120** calendar days following the Notice to Proceed. The Notice to Proceed shall become effective within 30 calendar days of the bid opening.

The Contractor shall take out and maintain public liability insurance in accordance with Section 106.25 of the General Provisions of the Specifications. A copy of said Specifications is now on file in the Office of the County Clerk.

Upon completion of the Contract, the Contractor shall furnish to the County a satisfactory Maintenance Bond in the amount of 100% of the final contract price, guaranteeing the maintenance of the work for a period of **ONE** (1) year after acceptance by the County.

Accompanying this proposal is a proposal guaranty for 5% of the total bid, payable to Kingfisher County, which is to be forfeited, as liquidated damages, if, in the event that this proposal is accepted, the undersigned shall fail to execute the contract and furnish satisfactory contract bond under the conditions and within the time specified in this proposal. Otherwise said proposal guaranty is to be returned to the undersigned.

**PROPOSAL
Kingfisher County
Construction of Bridge Project
Bridge 126
37E0870N2850009**

BRIDGE 126 PAY QUANTITIES					
Item	Description	Units	Quantity	Unit Price	Total Price
1	Bridge Construction Labor	L. SUM	1		
2	H.E.S. Concrete & Finishing	C.Y.	92.0		
3	Pile Driving Beyond Plan Quantity	L.F.	180		

TOTAL BID _____

(if none, so state)

Further, Affiant saith not.

Signature of Authorized Agent

Title (printed)

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

(SEAL)

My commission expires:

Notary Public

CONSTRUCTION CONTRACT

This Contract is made and entered into this _____ day of _____, 20____, by and between Kingfisher County, Oklahoma hereinafter called "County" and _____, a(n) _____ hereinafter called "Contractor."

WITNESSETH

WHEREAS, in accordance with the state law and the Public Competitive Bidding act of 1974, 61 Okla. Stat. §§ 101 et seq. (hereinafter collectively referred to as "state law"), the County has caused to be prepared certain plans, specifications, and other bidding documents (the "Bidding Documents") for the work hereinafter described; and,

WHEREAS, in accordance with state law, the County has approved and adopted all of said Bidding Documents and has caused an Invitation to Bid to be given and advertised and has received sealed bids for the furnishing of all labor and materials for:

**Kingfisher County
Construction of Bridge Project
Bridge 126
37E0870N2850009**

as outlined and set out in the Bidding Documents and in accordance with the terms and provisions of this Contract; and,

WHEREAS, Contractor, in response to said Invitation to Bid, has submitted to the County, in the manner and at the time specified, a sealed bid in accordance with the terms of the Bidding Documents; and,

WHEREAS, the County, in the manner provided by state law, has publicly opened, examined and canvassed the bids submitted and has determined and declared the above-named Contractor to be the lowest responsible bidder on the above described project; and,

WHEREAS, the County has duly awarded this Contract to said Contractor, for the sum named in the bid, to-wit:

Dollars and Cents spelled out here (\$ _____).

NOW THEREFORE, in consideration of the mutual promises, covenants, and conditions herein stated and in consideration of the mutual benefits, which will accrue to the parties, the sufficiency of which is acknowledged by the parties, the parties agree as follows:

1. Incorporation of Bidding Documents. This Contract hereby incorporates, as if fully set out herein, the Plans, Specifications, General Provisions, Special Provisions, Contractor's Proposal and any and all Addendums issued. All of these documents have been provided to and/or by the Contractor and are on file in the Office of the County Clerk. Hereinafter, these documents shall be collectively referred to as "Bidding Documents."

2. Engagement of Contractor. The County hereby engages Contractor to perform certain construction services for the benefit of the County. Contractor accepts such engagement pursuant to the terms and conditions set forth herein.

3. Scope of Engagement. Contractor shall, in a good and first-class, workmanlike manner, at its own cost and expense, furnish all labor, materials, tools and equipment required to perform and complete said work in strict accordance with the Bidding Documents, with the following additions and/or exceptions: (if none, so state.)

(NONE)

4. Payments to Contractor. The County shall make payments to the Contractor in the following manner:
 - a. On or about the first (1st) day of each month, the Engineer, or other appropriate person, will make accurate estimates of the value, based on contract prices, of the work done and materials incorporated in the work and of materials suitably stored at the site thereof during the preceding calendar month. The Contractor shall furnish to the Engineer such detailed information as he may request to aid him as a guide in the preparation of the monthly estimates. Ninety-five percent (95%) of such estimated sum shall be paid to the Contractor within five (5) days after the first regularly scheduled meeting of the County of the following month.

 - b. On completion of the work, but prior to the acceptance thereof by the County, it shall be the duty of the Engineer for the County, or other appropriate person, to determine that said work has been completely and fully performed in accordance with this Contract and all incorporated documents; and upon making such determination, said official shall make his final certification to the County.

 - c. The Contractor shall furnish proof that all claims and obligations incurred by him in connection with the performance of said work have been fully paid and settled; said information shall be in the form of an affidavit, which shall bear the approval of the surety on the contract bonds, for payment of the final estimate to the Contractor; thereupon, the final estimate (including retainage, but less any liquidated damages), will be approved and paid, within five (5) days after the first regularly scheduled meeting of the County of the following month.

5. Bargaining. The County and the Contractor have had the opportunity to seek independent legal counsel before entering into this Contract. The language of this Contract shall be construed simply, according to its fair meaning, and not strictly for or against either party.

6. Third Party Beneficiaries. Nothing in this Contract, expressed or implied, is intended to confer upon any person other than the parties hereto and their respective assigns, any rights or remedies under or by reason of this Contract, except as provided expressly herein.

7. Notices. Whenever a notice is required to be given in writing and under the terms of this Contract, or any extension hereunder, such notice shall either be hand-delivered or mailed by

certified mail, return receipt requested, and directed to the respective parties at the following addresses:

If to the County:

If to Contractor:

Kingfisher County Commissioners

Kingfisher County Courthouse, 101 S. Main St.

Kingfisher, OK 73750

or at such other address as a party shall specify by like notice to the other party hereto. Notices shall be effective on the date of delivery.

- 8. Counterparts. This Contract may be executed in any number of counterparts, and when each party has signed and delivered to the other at least one (1) such counterpart, each counterpart shall be deemed an original, and when taken together with other signed counterparts, shall constitute one (1) agreement; provided, however, this Contract shall not be binding upon the parties hereto until signed by all of the parties.
- 9. Integration and Amendments. This Contract constitutes the entire agreement between the parties and may not be amended, altered, modified or changed in any way except in writing signed by all parties to this Contract and which specifically references this Contract. There are no other agreements, representations or warranties, whether oral or written, regarding the subject matter of this Contract. No course of dealings involving the parties hereto and no usage of trade shall be relevant or admissible to interpret, supplement, explain or in any way vary any of the terms expressly set forth in this Contract. Any amendment to this Contract shall be attached to this Contract and all of the terms in this Contract not addressed in the amendment shall remain in full force and effect.
- 10. Binding Effect. This Contract binds the parties and any successors and assigns of the parties.
- 11. Severability. If any one or more of the sections, sentences, clauses, or parts be held invalid for any reason, the invalidity of such section, sentence, clause, or part shall not affect nor prejudice the applicability and validity of any other provision of this Contract.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed on the day and year last written below.

Date: _____

Kingfisher County Commissioners,

Chairman

(SEAL)

ATTEST:

County Clerk

Approved as to form:

District Attorney

Date: _____

a(n) _____

Signature

Printed Name

Title

ATTEST:

Secretary and/or Witness

State of Oklahoma)
) ss.
County of _____)

_____, of lawful age, being first duly sworn, on oath, says that (s)he is the agent authorized by the Contractor to submit the above Contract to Kingfisher County. Affiant further states that Contractor has not paid, given or donated, or agreed to pay give or donate to any officer or employee of Kingfisher County, any money or other valuable thing, either directly or indirectly, in the procuring of this Contract.

Signature

Printed Name/Title

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

(SEAL)

Notary Public

My Commission Expires: _____

My Commission Number: _____

MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENT, that
, Principal, and _____, a corporation organized under the laws of the State of
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound unto
Kingfisher County, in the penal sum of _____ Dollars
(\$ _____) in lawful money of the United States of America, said sum being the contract
price, for the payment of which, well and truly to be made, we bind ourselves and each of us, our heirs,
executors, administrators, trustees, successors, and assigns, jointly and severally, firmly by these
presents.

Dated this _____ day of _____, 20_____.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written contract with Kingfisher County, dated
, 20_____, for:

**Kingfisher County
Construction of Bridge Project
Bridge 126
37E0870N2850009**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the
Office of the County Clerk, located in the County Courthouse Building in Kingfisher, Oklahoma.

NOW, THEREFORE, if said Principal shall pay or cause to be paid to Kingfisher County,
Oklahoma, all damage, loss, and expense which may result by reason of defective materials and/or
workmanship in connection with said work, occurring within a period of **one (1) year** from and after
acceptance of said project by Kingfisher County, Oklahoma; then this obligation shall be null and void,
otherwise to be and remain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its
attorney-in- fact, duly authorized so to do, the day and year first above written.

Principal:

By: _____

Title

(SEAL)
ATTEST:

Secretary

Surety:

By: _____

Attorney-in-Fact

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENT, that _____,
Principal, and _____, a corporation organized under the laws of the State of
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound
Kingfisher County, Oklahoma, in the penal sum of _____ Dollars (\$
) in lawful money of the United States of America, for the payment of which, well and truly to be made, we
bind ourselves and each of us, our heirs, executors, administrators, trustees, successors, and assigns,
jointly and severally, firmly by these presents.

Dated this _____ day of _____, 20_____.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written contract with Kingfisher County Oklahoma,
dated _____, 20_____, for:

**Kingfisher County
Construction of Bridge Project
Bridge 126
37E0870N2850009**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the
Office of the County Clerk, located in the County Courthouse Building in Kingfisher, Oklahoma.

NOW, THEREFORE, if said Principal shall in all particulars, well, truly, and faithfully perform and
abide by said contract and each and every covenant, condition, and part thereof and shall fulfill all
obligations resting upon said principal by the terms of said contract and specifications and if said principal
shall protect and save harmless Kingfisher County, Oklahoma from any pecuniary loss resulting from the
breach of any of the items, covenants and conditions of said contract resting upon said principal, then this
obligation shall be null and void, otherwise to be and remain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its
attorney-in-fact, duly authorized so to do, the day and year first above written.

Principal:

By: _____

Title

(SEAL)
ATTEST:

Secretary

Surety:

By: _____

Attorney-in-Fact

STATUTORY BOND

KNOW ALL MEN BY THESE PRESENT, that _____,
Principal, and _____, a corporation organized under the laws of the State of
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound unto
Kingfisher County, Oklahoma, in the penal sum of _____ Dollars (\$
) in lawful money of the United States of America, for the payment of which, well and truly to be made, we
bind ourselves and each of us, our heirs, executors, administrators, trustees, successors, and assigns,
jointly and severally, firmly by these presents.

Dated this _____ day of _____, 20_____.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written Contract with Kingfisher County Oklahoma,
dated _____, 20_____, for:

**Kingfisher County
Construction of Bridge Project
Bridge 126
37E0870N2850009**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the
Office of the County Clerk, located in the County Courthouse Building in Kingfisher, Oklahoma.

NOW, THEREFORE, if said Principal shall fail or neglect to pay all indebtedness incurred by said
Principal or subcontractors of said Principal who performs work in the performance of such contract, for
labor and materials and repairs to and parts of equipment used and consumed in the performance of said
contract within thirty (30) days after the same becomes due and payable, the person, firm, or corporation
entitled thereto may sue and recover on this bond, the amount so due and unpaid.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its
attorney-in-fact, duly authorized so to do, the day and year first above written.

Principal:

By: _____

Title

(SEAL)
ATTEST:

Secretary

Surety:

By: _____

Attorney-in-Fact

INVOICE AFFIDAVIT

STATE OF _____)

) SS.

COUNTY OF _____)

The undersigned (architect, contractor, supplier, engineer, or supervisory official) of lawful age, being first duly sworn, on oath says that this invoice, claim or contract is true and correct. Affiant further states that the work, services, or materials as shown by this invoice or claim have been completed or supplied in accordance with the plans, specifications, orders or requests furnished to the affiant. Affiant further states that (s) he has made no payment, given or donated or agreed to pay, give or donate either directly or indirectly to any elected official, officer or employee of the State of Oklahoma, of money or any other thing of value to obtain payment or the award of this contract.

**Kingfisher County
Construction of Bridge Project
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37E0870N2850009**

Project Name

Project No.

Signature - Contractor or Supplier

Company Name (Print or Type)

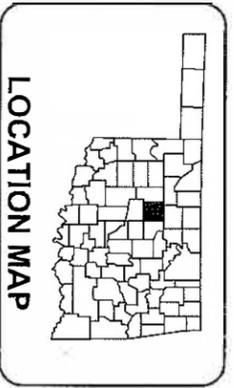
Address

City, State, Zip

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

_____, Notary Public

My Commission Expires: _____

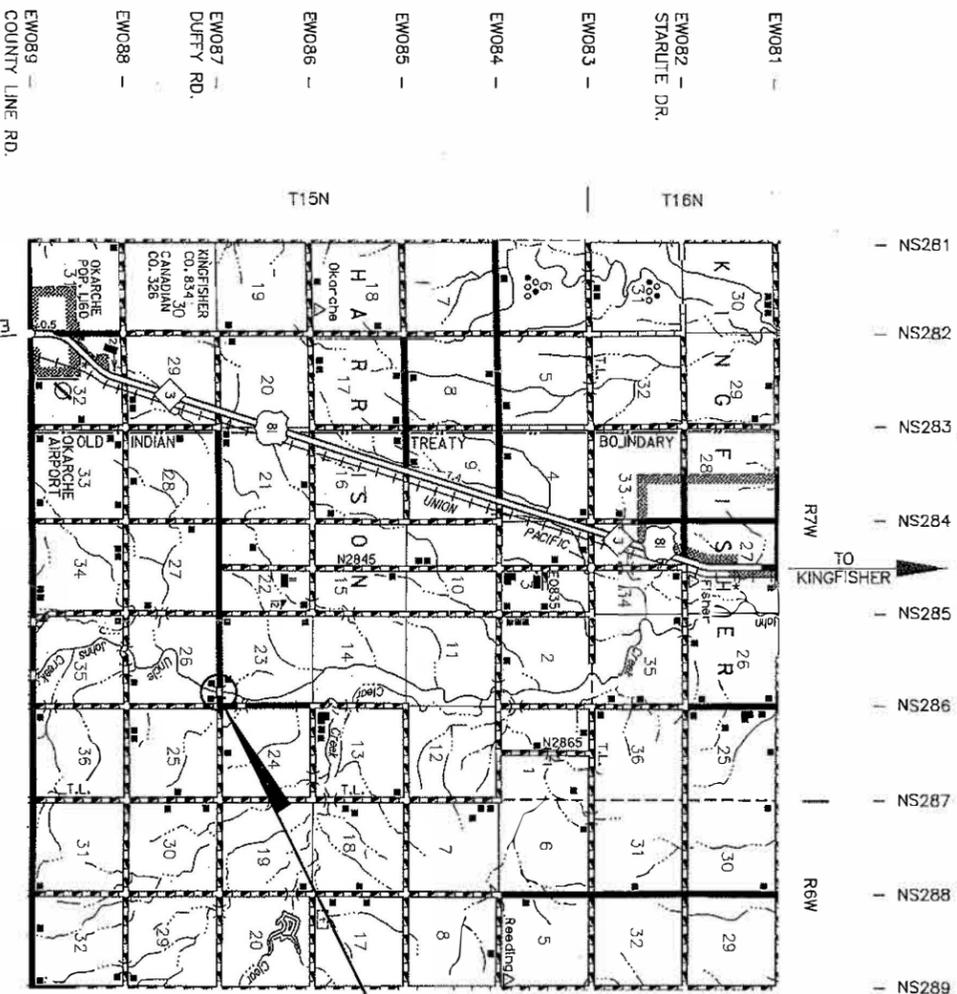


KINGFISHER COUNTY, OKLAHOMA

PLAN OF PROPOSED BRIDGE REPLACEMENT

BRIDGE 126 (EW-087) OVER UNCLE JOHN CREEK
STRUCTURE NO. 37E0870N29560009

INDEX OF SHEETS	
1	TITLE SHEET
2	SUMMARY OF PAY QUANTITIES AND NOTES (BRIDGE)
3	BRIDGE 126 ABUTMENT PLAN
4	BRIDGE 126 ABUTMENT DETAILS
5	BRIDGE 126 PIER DETAILS
6	BRIDGE 126 SUPERSTRUCTURE DETAILS



BRIDGE "126"
LOCATION

BRIDGE 126 LENGTH _____ 130.33 FT

DESCRIPTION	REVISIONS	DATE

APPROVED:
BOARD OF COUNTY COMMISSIONERS

JEFF MOSS DISTRICT NO. 1

RAY ALAN SHIMANEK DISTRICT NO. 2

HEATH DOBROVOLNY DISTRICT NO. 3

JENNIE BOEVERS COUNTY CLERK



PREPARED BY:
MKEC ENGINEERING, INC.
CA#2958 EXPIRES: 06/30/19
OKLAHOMA CITY, OKLAHOMA



Jonathan T. Hisey
JONATHAN T. HISEY, P.E. S.E.
OKLA. REG. NO. 23127
DATE 2/6/19

ATTENTION BIDDERS!! READ THE EXISTING BEAM REPAIR NOTES BELOW FOR A DESCRIPTION OF THE REPAIR WORK THAT MUST BE DONE TO THE EXISTING BEAMS.

GENERAL CONSTRUCTION NOTES

SPECIFICATIONS - THE REQUIREMENTS OF THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EXCEPT AS MODIFIED BY THE PLANS.
VERIFICATION OF EXISTING CONDITIONS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY UNDERSTANDING THE NATURE OF THE WORK AND CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED.
MATERIALS - ALL MATERIAL MUST BE NEW AND DELIVERED TO PROJECT SITE.
 KINGFISHER COUNTY WILL SUPPLY SIX (6) 79'-0" LONG PLATE GIRDER BEAMS AND TWELVE (12) 25'-0" LONG PLATE GIRDER BEAMS WITH CHANNEL SHEAR CONNECTORS FOR BRIDGE 162.
 PROVIDE H-PILES IN ACCORDANCE WITH ASTM A572 GRADE 50. PROVIDE STRUCTURAL STEEL FOR ALL ANGLES IN ACCORDANCE WITH ASTM A709 GRADE 50. PROVIDE CHANNELS AND STEEL PLATE IN ACCORDANCE WITH ASTM A709 GRADE 50 OR 50. PROVIDE WELDED STUDS FOR CHANNEL HEADERS IN ACCORDANCE WITH ASTM A108, GRADE 1015, 1018 OR 1020.
REMOVAL OF EXISTING BRIDGE - KINGFISHER COUNTY WILL REMOVE THE EXISTING BRIDGE.
CONSTRUCTION TRAFFIC CONTROL - KINGFISHER COUNTY WILL BE RESPONSIBLE FOR ALL CONSTRUCTION SIGNING AND TRAFFIC CONTROL. CONTRACTOR SHALL GIVE KINGFISHER COUNTY DISTRICT NO. 1 AT LEAST 2 WEEKS NOTICE BEFORE BEGINNING CONSTRUCTION.

PAY ITEM NOTES

B1 INCLUDES ALL COST OF ALL LABOR, EQUIPMENT, WELDING AND INCIDENTALS NECESSARY TO CONSTRUCT THE BRIDGE. EXCEPT FOR SUPPLYING, PLACING AND FINISHING CONCRETE FOR THE DECK.
B2 PROVIDE HIGH EARLY STRENGTH CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4500 P.S.I. HIGH EARLY STRENGTH CONCRETE MUST REACH MINIMUM COMPRESSIVE STRENGTH WITHIN 72 HOURS OF PLACEMENT.
 INCLUDE ALL COST ASSOCIATED WITH SUPPLYING THE CONCRETE, PLACING AND FINISHING THE BRIDGE DECK CONCRETE INCLUDING ALL MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK IN THE CONTRACT UNIT PRICE OF "H.E.S. CONCRETE & FINISHING".
B3 THE PRICE BID FOR THIS ITEM SHALL ESTABLISH THE CONTRACT UNIT PRICE, PER LINEAR FOOT, FOR THE DRIVING OF THE ABUTMENT SEAT AND PIER H-PILES PAST THE PLAN LENGTH IF IT IS NECESSARY TO DO SO.

ESTIMATE TOP FLANGE REPAIR	
BEAM	TOTAL LENGTH OF TOP FLANGE REPLACEMENT
1	15'-0"
2	20'-0"
3	15'-0"
4	16'-0"
5	10'-0"
6	10'-0"
7	7'-0"
8	10'-0"

MATERIAL NOTES

- QUANTITY BASED ON 2 CAPS 30'-0" LONG.
- QUANTITY BASED ON 12 PILES 30'-0" LONG.
- QUANTITY BASED ON 12 PILES 40'-0" LONG.
- QUANTITY BASED ON 2 CAPS 30'-0" LONG.
- QUANTITY BASED ON 12 PILES 40'-0" LONG.
- SEAT PILES SHALL BE DRIVEN TO PRACTICAL REFUSAL. WING PILES SHALL BE DRIVEN TO FULL LENGTH OR PRACTICAL REFUSAL, WHICHEVER OCCURS FIRST.
- DRIVE SHEET PILING TO PLAN LENGTH. QUANTITY BASED ON 20'-0" LONG SHEET PILES FOR 2 ABUTMENTS 27'-6" WIDE WITH TWO 11'-6" WINGS.
- QUANTITY BASED ON 110 SHEETS 36" WIDE X 12' LONG. NO WASTE WAS INCLUDED IN THE QUANTITY.
- QUANTITY BASED ON 46 POSTS 6'-7" LONG.
- ESTIMATED QUANTITY FOR 40 STIFFENER PLATES 1/2"x5"x9" IN SIZE.
- ESTIMATED QUANTITY FOR 24 STIFFENER PLATES 1/2"x7"x1'-0" IN SIZE.
- PLACE SLAB BOLSTER AT NO MORE THAN 4 FOOT CENTERS. SLAB BOLSTER SHOULD BE 5'-0" IN LENGTH WITH 5" LEG SPACING. SLAB BOLSTER SHALL RUN PARALLEL OR PERPENDICULAR TO ϕ OF BRIDGE.
- QUANTITY BASED ON 3 CHANNELS 20'-0" LONG.
- QUANTITY BASED ON 13 PLATES 20'-0" LONG.
- QUANTITY BASED ON 6 CHANNELS 20'-0" LONG.
- QUANTITY BASED ON 6 ANGLE 20'-0" LONG.
- QUANTITY BASED ON 136 SECTIONS 6'-3" IN LENGTH AND INCLUDES 70' FOR WASTE.
- QUANTITY BASED ON 175 SECTIONS 4'-8" IN LENGTH AND INCLUDES 63' FOR WASTE.
- QUANTITY BASED ON 272 CHANNEL SHEAR CONNECTORS 10" IN LENGTH.
- QUANTITY BASED ON 142 L.F. OF TOP FLANGE REPLACEMENT.
- QUANTITY FOR REPAIRING WEB OF PLATE GIRDERS.

EXISTING BEAM REPAIR NOTES

- THERE ARE EIGHT (8) 79' LONG PLATE GIRDERS AND FOUR (4) 51' LONG PLATE GIRDERS AT THE KINGFISHER COUNTY DISTRICT NO. 1 YARD. THIS BRIDGE WILL USE SIX (6) 79' BEAMS AND TWELVE (12) 25'-6" BEAMS. ALL BEAM REPAIRS AND CUTTING OF BEAMS SHALL BE DONE AT THE KINGFISHER COUNTY DIST. NO. 1 YARD. THE BEAMS ARE NUMBERED 1 TO 12.
- FOR BEAMS 9, 10, 11 AND 12, 2'-0" OF THE TOP FLANGE AT EACH END OF THE 51' LONG BEAM MUST BE REPLACED.
- BEAMS 9, 10, 11 AND 12 NEED TWO (2) 10" LONG C4 X 7.2 CHANNEL SHEAR CONNECTORS AT EACH END AFTER THE TOP FLANGES HAVE BEEN REPLACED.
- BEAMS 9, 10, 11 AND 12 ARE TO BE CUT IN HALF INTO TWO (2) 25'-6" SECTIONS.
- BEAMS 1 THROUGH 8 HAVE DAMAGED TOP FLANGES THAT NEED TO BE REPLACED. REFER TO THE TABLE ON THE LEFT FOR THE ESTIMATED LENGTHS OF TOP FLANGE REPLACEMENT.
- BEAMS 1 THROUGH 8 ALSO NEED A 3' SECTION OF TOP FLANGE REPLACED APPROXIMATELY 29' FROM THE END OF THE BEAM.
- BEAMS 1 THROUGH 8 HAVE SEVERAL BENT SECTIONS OF THE WEB THAT NEED TO BE CUT OUT AND REPLACED. USE 5/16" PLATE TO REPAIR THE WEB.
- FOR BEAMS 7 AND 8 REMOVE 2'-0" FROM THE END OF BEAMS. REMOVE THE 2'-0" SECTION AT THE ENDS THAT DO NOT CURRENTLY HAVE CHANNEL SHEAR CONNECTORS.
- BEAMS 7 AND 8 NEED TWO (2) 25'-6" SECTIONS CUT FROM THE 79' LONG BEAM. THE TWO (2) 25'-6" SECTIONS CUT FROM BEAMS 7 AND 8 MUST INCLUDE THE SECTION OF THE BEAMS THAT CURRENTLY DO NOT HAVE SHEAR CONNECTORS.
- BEAMS 1 THROUGH 8 HAVE 3/2" OF TOP FLANGE THAT DOES NOT HAVE CHANNEL SHEAR CONNECTORS. ADD SEVENTEEN (17) 10" LONG C4 X 7.2 CHANNEL SHEAR CONNECTORS AT A MAXIMUM SPACING OF 24" ON CENTER TO BEAMS 1 THROUGH 8.
- FOR BEAMS 1 THROUGH 8 THERE ARE AN ESTIMATED FIFTEEN (15) CHANNEL SHEAR CONNECTORS FOR EACH BEAM THAT NEED TO BE REPLACED BECAUSE THEY ARE DAMAGED OR WILL BE REMOVED DUE TO TOP FLANGE REPAIRS.

PAY QUANTITIES

ITEM	UNIT	TOTAL
BRIDGE CONSTRUCTION LABOR	B1 L.SUM	1
H.E.S. CONCRETE & FINISHING	B2 C.Y.	92.0
PILE DRIVING BEYOND PLAN QUANTITY	B3 L.F.	180

BRIDGE "A" SCHEDULE OF MATERIALS

ITEM	UNIT	AMOUNT
HP 10 X 42 BENT CAPS	(1) L.F.	60
HP 10 X 42 WING PILES	(2)(6) L.F.	360
HP 10 X 42 SEAT PILES	(3)(6) L.F.	480
HP 14 X 73 PIER BENT CAP	(4) L.F.	60
HP 12 X 53 PIER SEAT PILES	(5) L.F.	480
10 GAUGE SHEET PILES	(7) S.F.	2,020
36" WIDE 22 GAUGE STEEL DECK FORMS	(8) S.F.	3,960
W6 X 20 BRIDGE TRAFFIC RAIL POSTS	(9) L.F.	320
1/2" X 9" PLATE	(10) L.F.	20
1/2" X 7" PLATE	(11) L.F.	40
#4 REINFORCING STEEL	L.F.	20,600
#5 REINFORCING STEEL	L.F.	10,360
1" X 5'-0" SLAB BOLSTER	(12) EA.	208
2" X 5'-0" SLAB BOLSTER	(12) EA.	204
3/8" X 6" WELDED STUD	EA.	324
C10 X 20 END HEADER	(13) L.F.	60
3/8" X 8" PLATE	(14) L.F.	260
C8 X 11.5 HORIZONTAL BRACING	L.F.	280
C10 X 20 WING CAP	L.F.	60
C10 X 20 PIER HORIZONTAL BRACING	(15) L.F.	120
L5 X 3 X 1/4 PIER DIAGONAL BRACING	(16) L.F.	120
L4 X 3 X 1/4 SHEET PILE CAP	L.F.	120
L3 X 3 X 1/4 BRACING	(17) L.F.	920
L3 X 3 X 1/4 SIP DECK FORM SUPPORT	(18) L.F.	880
C4 X 7.2 SHEAR CONNECTOR	(19) L.F.	300
1" X 12" PLATE	(20) L.F.	160
5/16" X 12" PLATE	(21) L.F.	20
W BEAM GUARDRAIL	L.F.	262.5
W BEAM FLARED END SECTION	EA.	4

REINFORCING STEEL BAR LIST

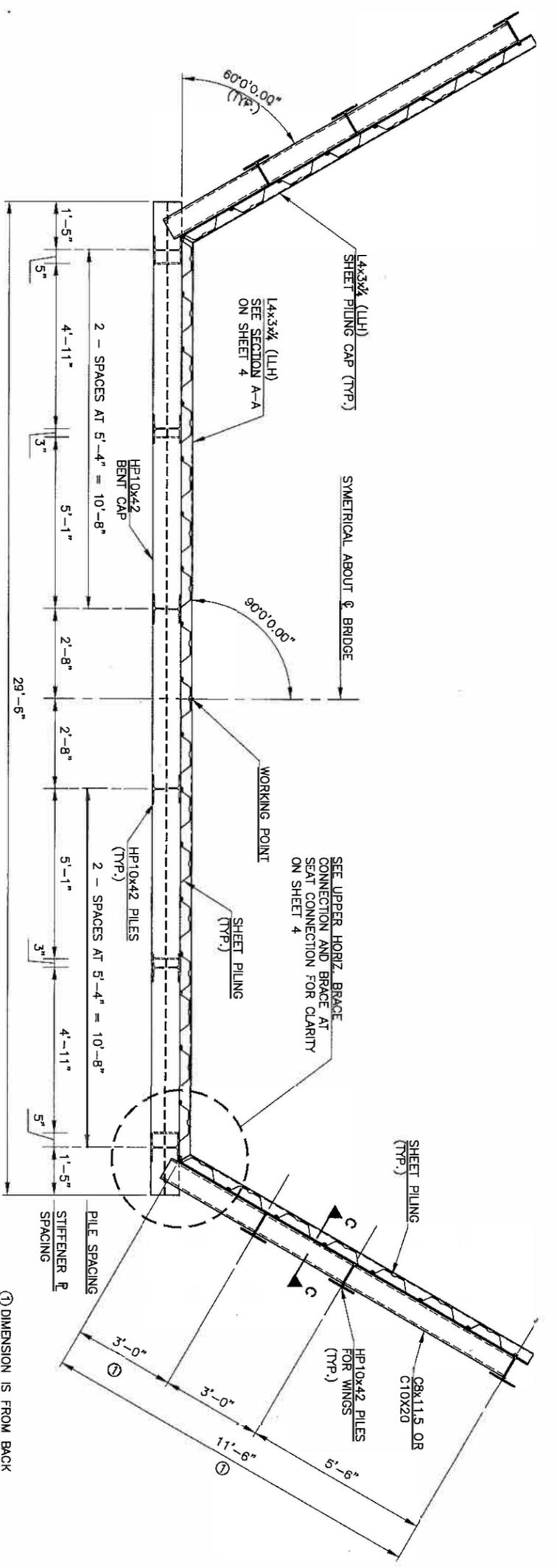
MARK	SIZE	FORM	LENGTH
① A	#5	STR.	40'-0"
② B	#4	STR.	40'-0"
③ E1	#4	STR.	160'-0"

- TWO 20'-0" PIECES WITH ONE 2'-3" MINIMUM LAP
- TWO 20'-0" PIECES WITH ONE 2'-0" MINIMUM LAP
- EIGHT 20'-0" PIECES WITH SEVEN 2'-0" MINIMUM LAP

DESIGN	HWL	BRIDGE 126	KINGFISHER COUNTY
DRAWN	HWL		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

SUMMARY OF PAY QUANTITIES AND NOTES (BRIDGE)

JOB PIECE NO. 1803010834 SHEET NO. 2

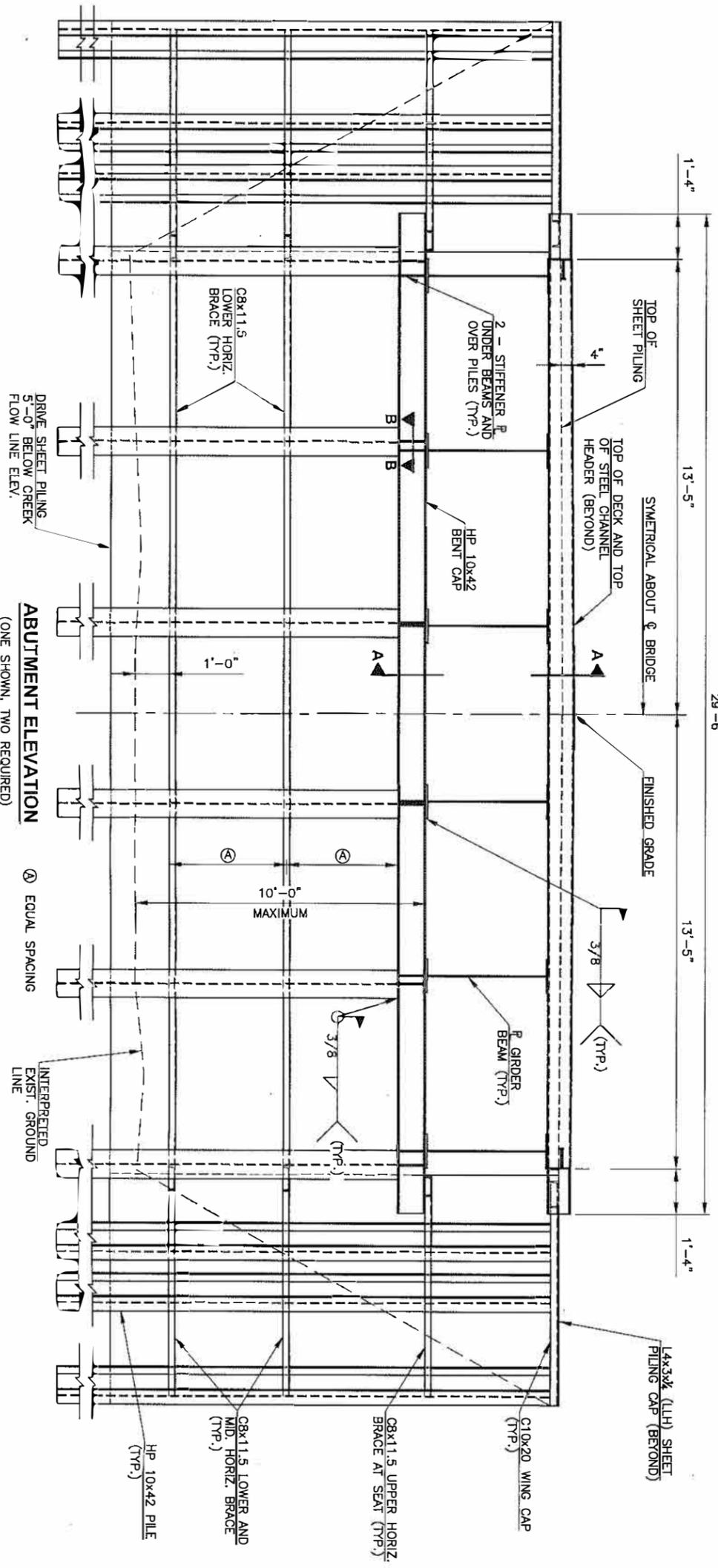


ABUTMENT PLAN
(ONE SHOWN, TWO REQUIRED)

① DIMENSION IS FROM BACK OF H PILE FLANGE.

NOTE:
HP 10 X 42 PILES FOR ABUTMENT SEAT SHALL BE DRIVEN TO PRACTICAL REFUSAL IN ACCORDANCE WITH SECTION 514.04(E)(2) OF THE 2009 ODOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. PRACTICAL REFUSAL IS DEFINED AS FOUR CONSECUTIVE SETS OF 10 BLOWS THAT PENETRATE NO MORE THAN 1/2 INCH PER SET. DISCONTINUE DRIVING BEFORE REACHING PRACTICAL REFUSAL IF DRIVING IS CAUSING DAMAGE TO THE PILE.

NOTE:
FOR SECTION A-A, B-B, C-C AND HORIZONTAL BRACE CONNECTION DETAILS SEE SHEET 4.



ABUTMENT ELEVATION
(ONE SHOWN, TWO REQUIRED)

⊙ EQUAL SPACING

INTERPRETED EXIST. GROUND LINE

DO NOT EXCEED 10'-0" FROM TOP OF BENT CAP TO GROUND LINE AT SHEET PILING.

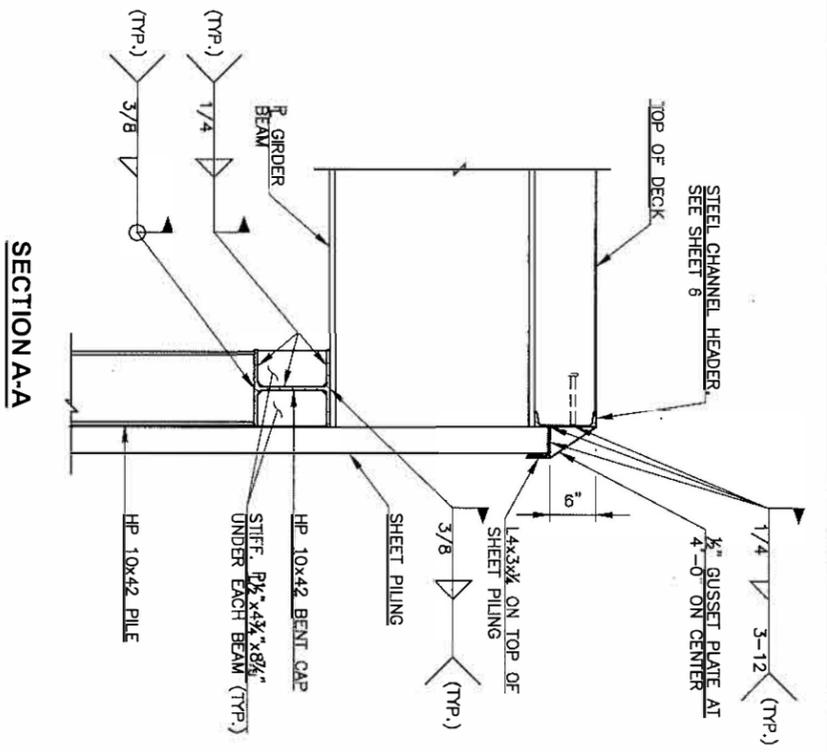
NOTE:
ALTERNATE SHEET PILING MAY BE USED UPON APPROVAL OF THE ENGINEER. LOAD CAPACITY SHALL BE NO LESS THAN THAT PROVIDED BY SECTION SPECIFIED ON THIS SHEET.

NOTE:
SHEET PILING SHALL BE MADE FROM STEEL CONFORMING TO ASTM 1011 OR ASTM A653 AND SHALL BE HOT-DIP GALVANIZED PER ASTM A123 AT A RATE OF 2 OZ. PER SQUARE FEET TOTAL BOTH SIDES, OR GALVANIZED PER ASTM A653 WITH G210 CLASS COATING. SHEET PILING SHALL BE 10 GAUGE, 0.1345 INCHES THICK, AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 30,000 PSI.

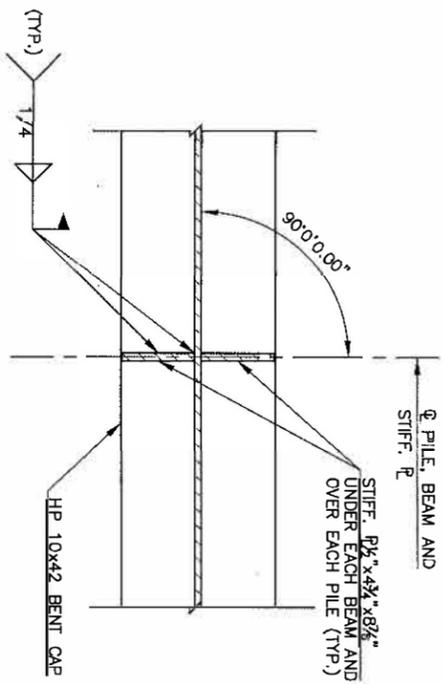
DESIGN	HW.L.	BRIDGE 126	KING/SHER COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

ABUTMENT PLAN

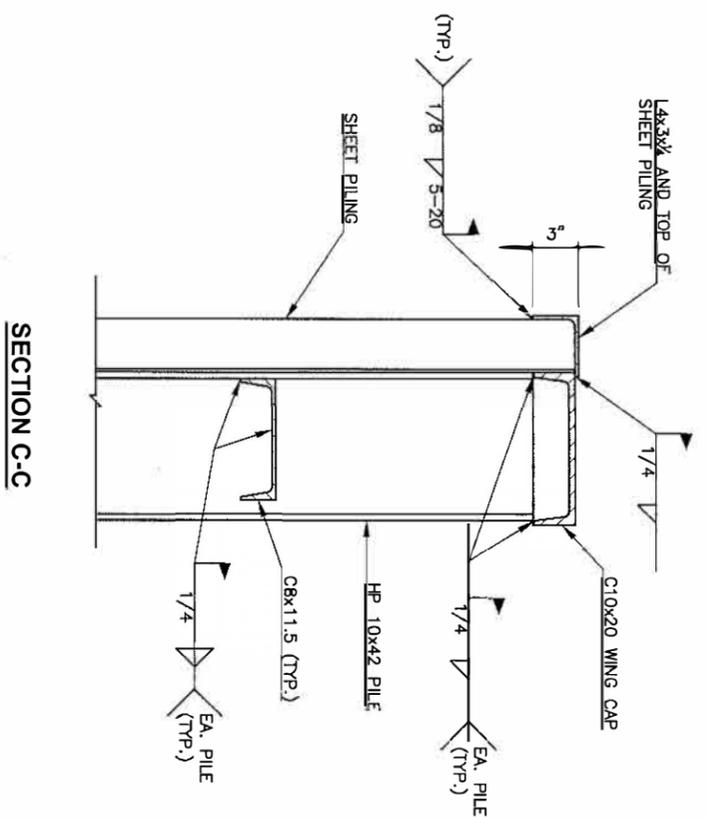
JOB PIECE NO. 1803010834 SHEET NO. 3



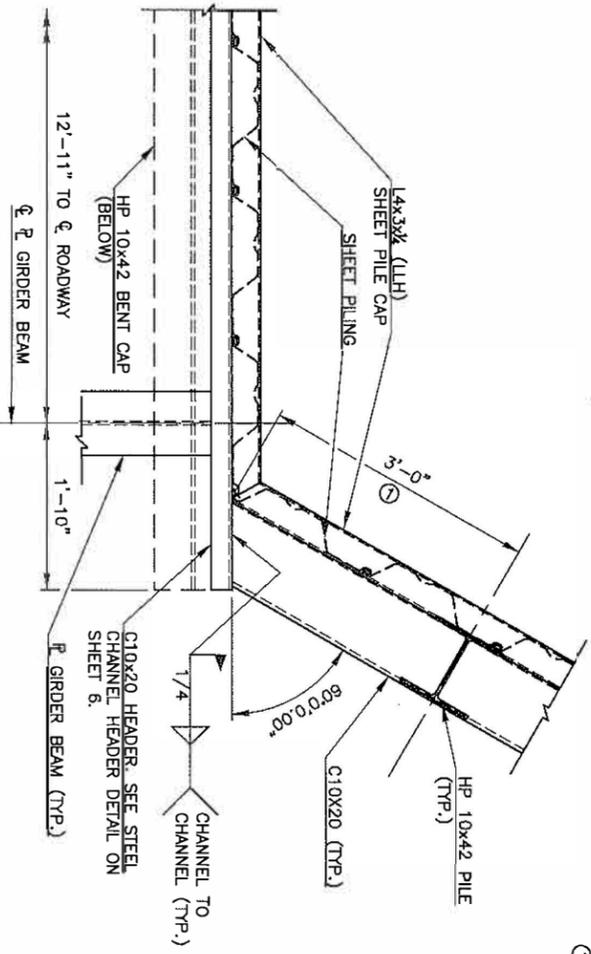
SECTION A-A



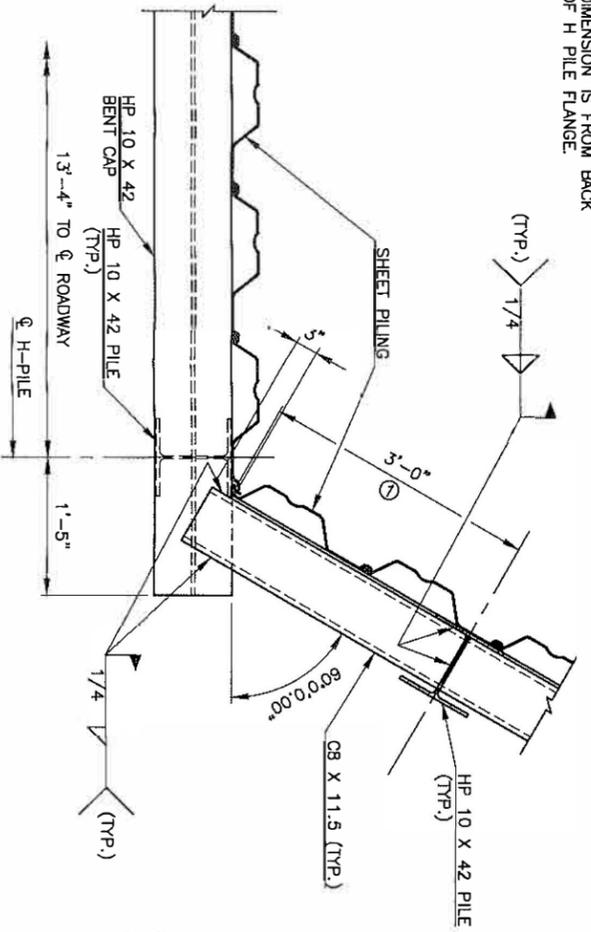
SECTION B-B



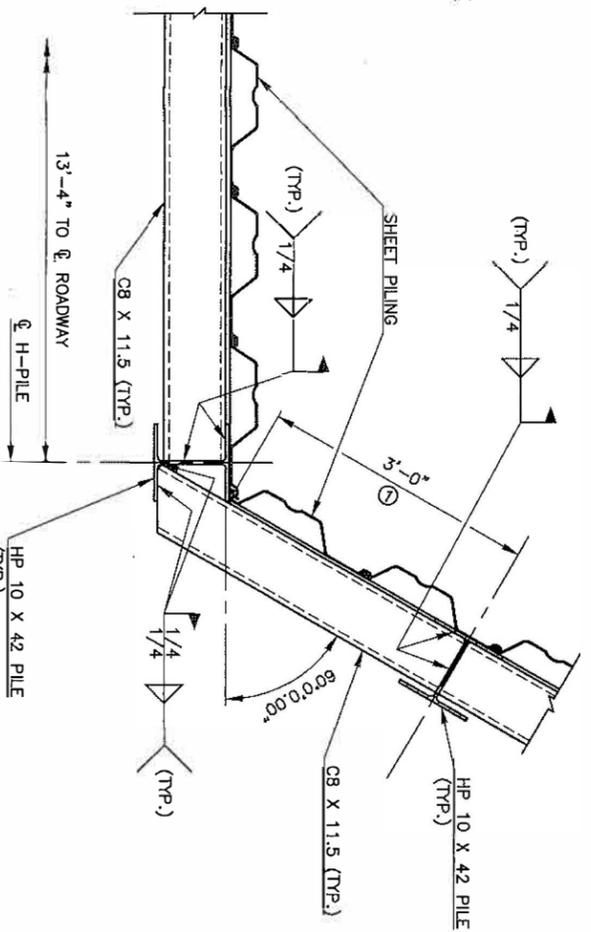
SECTION C-C



WING CAP CONNECTION DETAIL



HORIZONTAL BRACE AT SEAT CONNECTION DETAIL



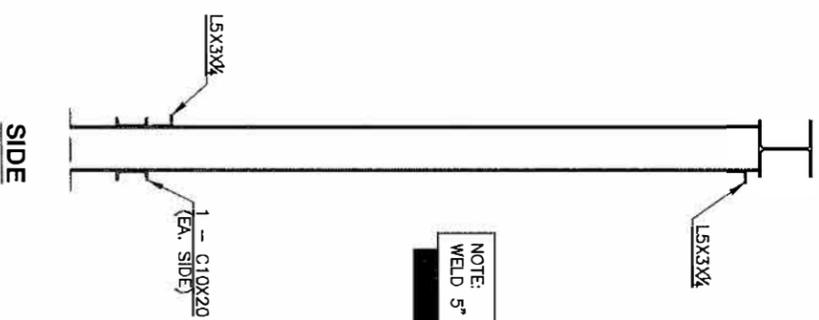
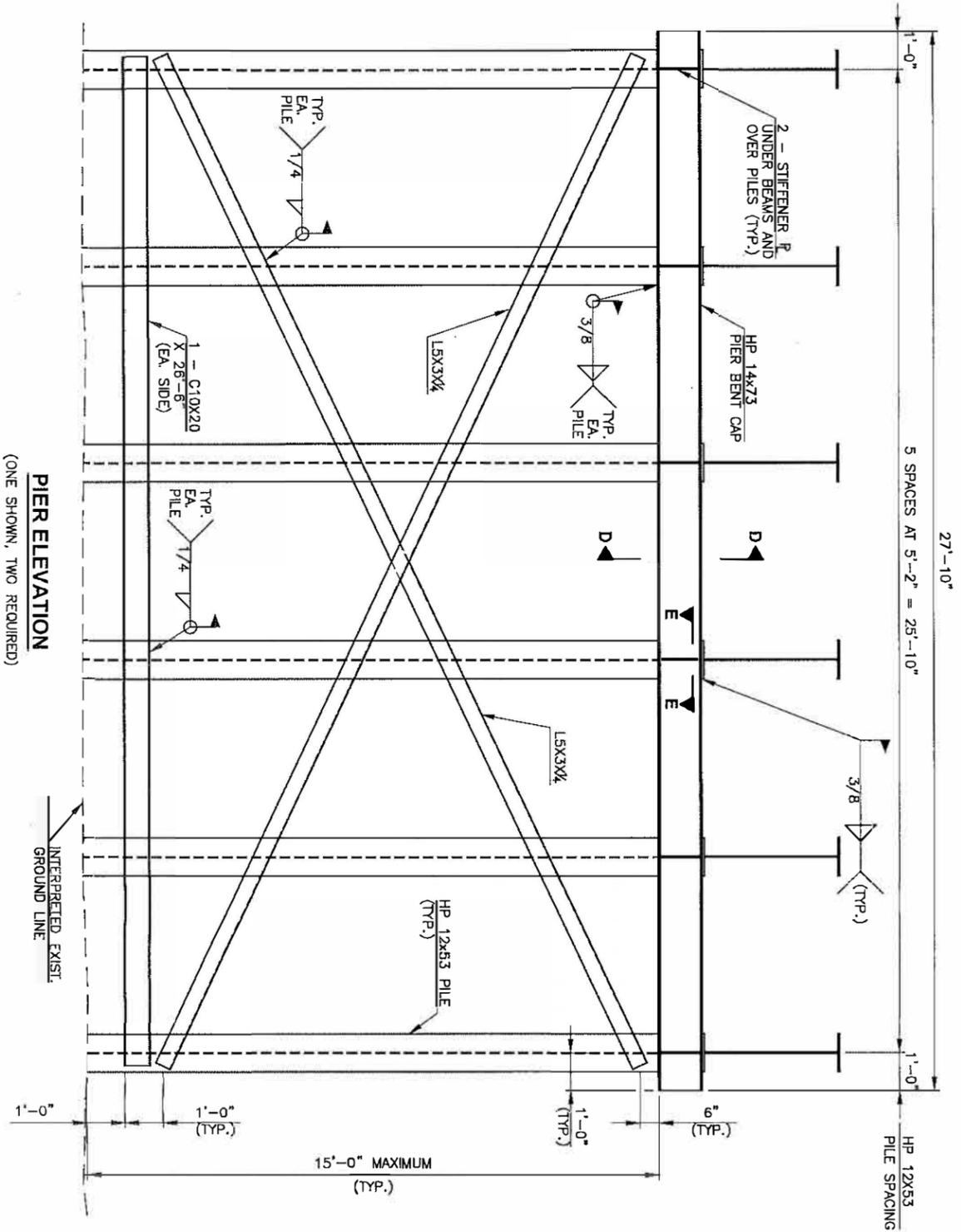
LOWER HORIZONTAL BRACE CONNECTION DETAIL

① DIMENSION IS FROM BACK OF H PILE FLANGE

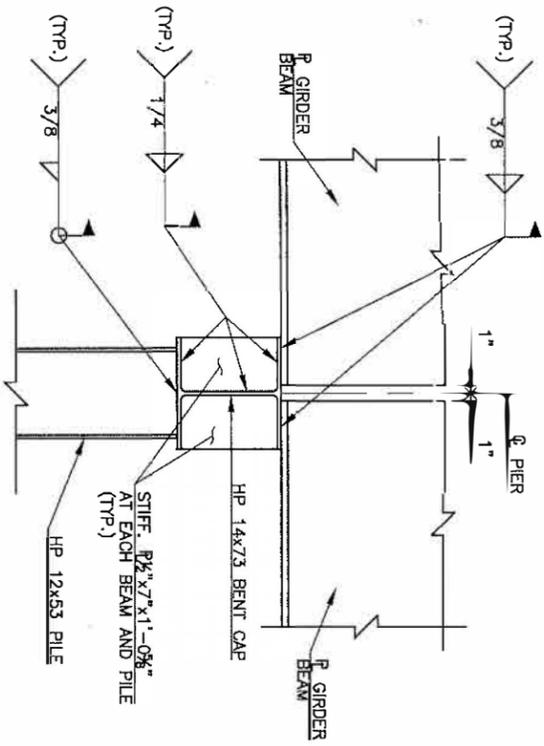
DESIGN	HW.L.	BRIDGE 126	KINGSHER COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

ABUTMENT DETAILS

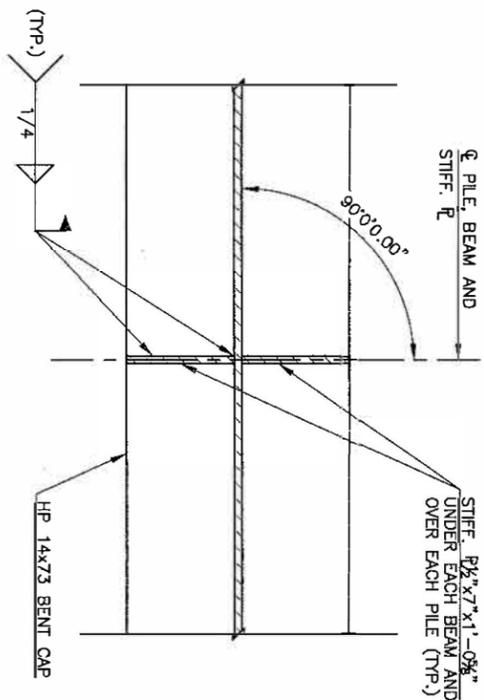
JOB PIECE NO. 1803010834 SHEET NO. 4



NOTE:
WELD 5" LEG AGAINST PILE



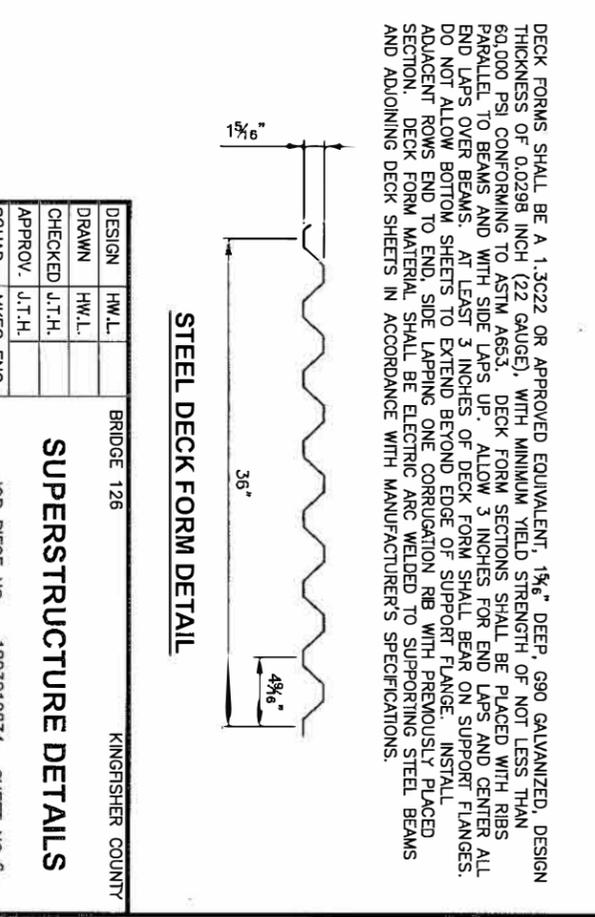
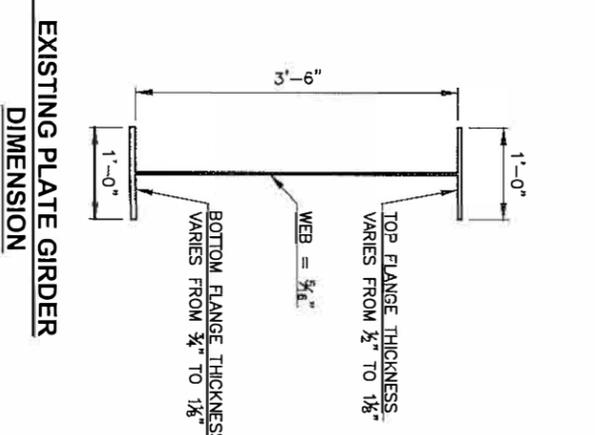
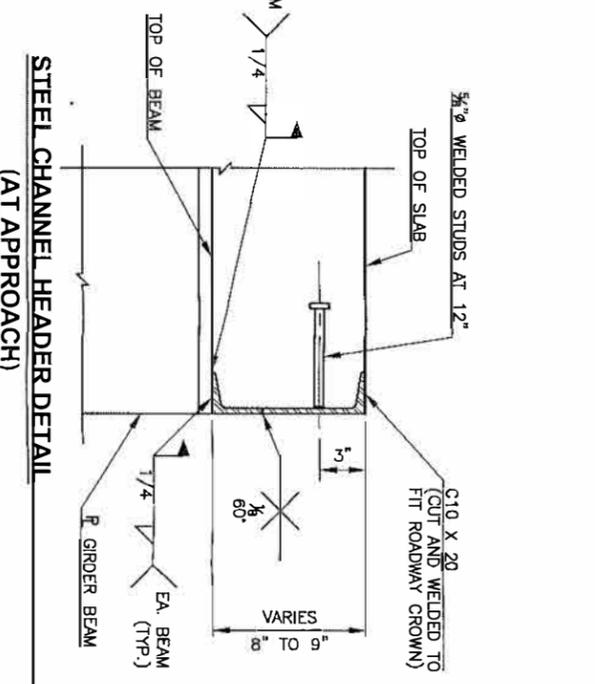
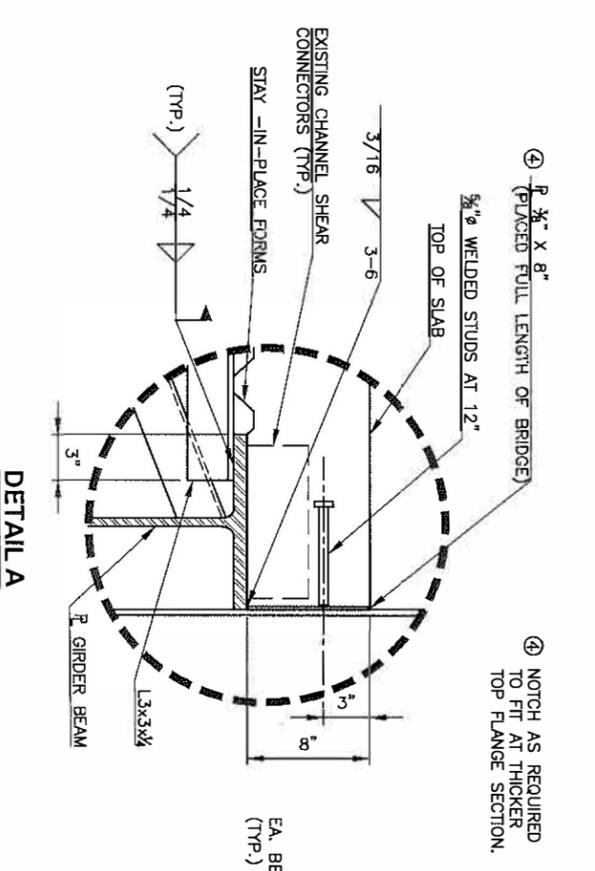
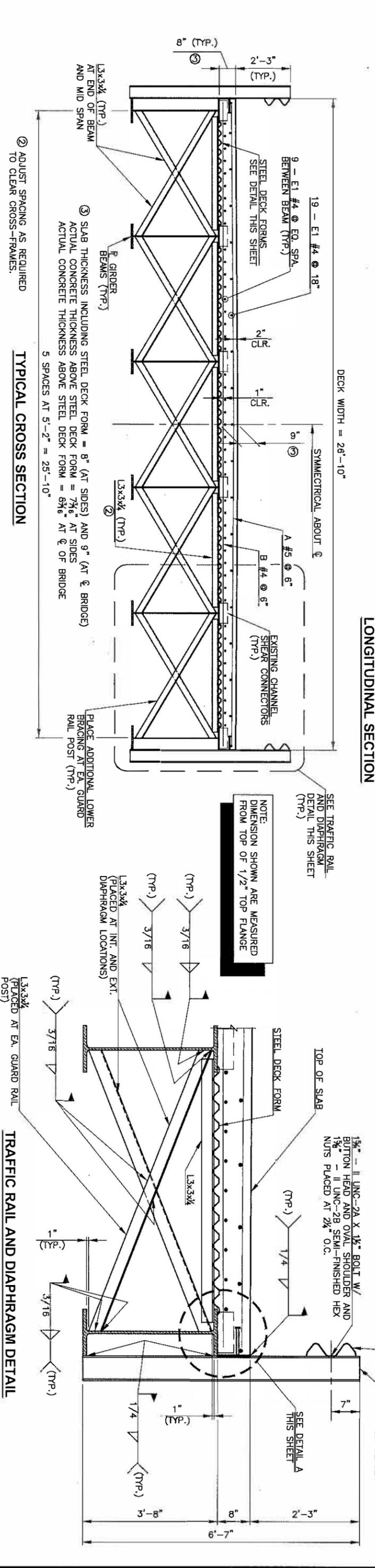
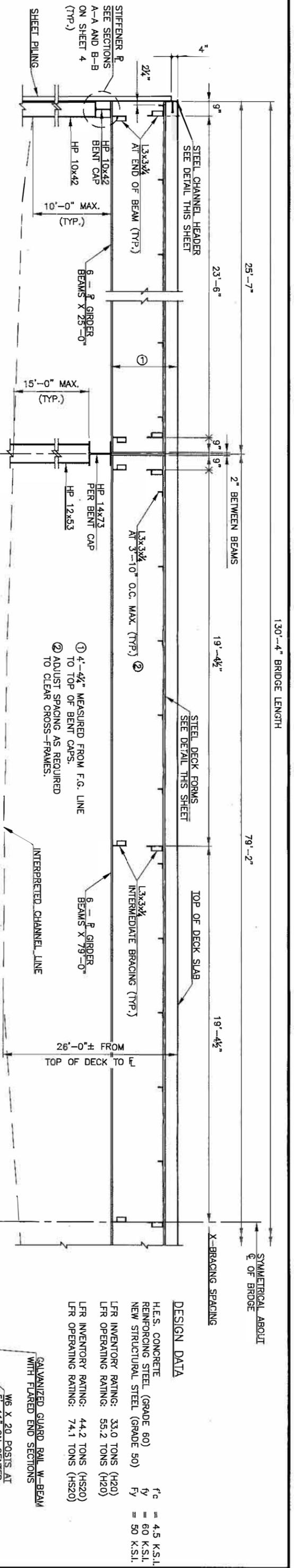
SECTION D-D



SECTION E-E

DESIGN	HW.L.	BRIDGE 126	KINGFISHER COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.	JOB PIECE NO. 1803010834	SHEET NO. 5

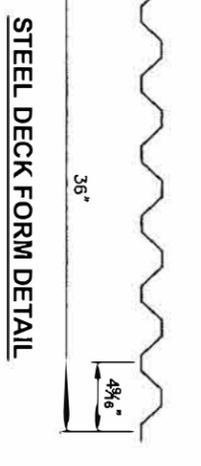
PIER DETAILS



DESIGN DATA

H.E.S. CONCRETE REINFORCING STEEL (GRADE 60)	$f_c = 4.5$ K.S.I.
NEW STRUCTURAL STEEL (GRADE 50)	$f_y = 60$ K.S.I.
LFR INVENTORY RATING: 33.0 TONS (H20)	$f_y = 50$ K.S.I.
LFR OPERATING RATING: 55.2 TONS (H20)	
LFR INVENTORY RATING: 44.2 TONS (HS20)	
LFR OPERATING RATING: 74.1 TONS (HS20)	

DECK FORMS SHALL BE A 1.3022 OR APPROVED EQUIVALENT, 1 1/2" DEEP, 90 GALVANIZED, DESIGN THICKNESS OF 0.0298 INCH (22 GAUGE), WITH MINIMUM YIELD STRENGTH OF NOT LESS THAN 60,000 PSI CONFORMING TO ASTM A653. DECK FORM SECTIONS SHALL BE PLACED WITH RIBS PARALLEL TO BEAMS AND WITH SIDE LAPS UP. ALLOW 3 INCHES FOR END LAPS AND CENTER ALL END LAPS OVER BEAMS. AT LEAST 3 INCHES OF DECK FORM SHALL BEAR ON SUPPORT FLANGES. DO NOT ALLOW BOTTOM SHEETS TO EXTEND BEYOND EDGE OF SUPPORT FLANGE. INSTALL ADJACENT ROWS END TO END, SIDE LAPING ONE CORRUGATION RIB WITH PREVIOUSLY PLACED SECTION. DECK FORM MATERIAL SHALL BE ELECTRIC ARC WELDED TO SUPPORTING STEEL BEAMS AND ADJOINING DECK SHEETS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.



SUPERSTRUCTURE DETAILS

DESIGN	HW.L.	BRIDGE 126	KINGFISHER COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

JOB PIECE NO. 1803010834 SHEET NO. 9