



# 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

May 10, 2021

*Bid #15-20-21*

## NOTICE TO BIDDERS

Notice is hereby given that the Board of County Commissioners of Kingfisher County District 3 will receive sealed bids for bridge rehabilitation project, bridge #137 near the intersection of NS2740 and EW890 roads. Bids will be accepted at the Kingfisher County Courthouse in the Office of the County Clerk until 4:00pm on the 4<sup>th</sup> day of June, 2021 to be opened at their regular meeting of June 7<sup>th</sup>, 2021.

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: \_\_\_\_\_

*Heath Dobrovolny*  
Heath Dobrovolny

MEMBER: \_\_\_\_\_

*Jeff Moss*  
Jeff Moss

MEMBER: \_\_\_\_\_

*Ray Shimanek*  
Ray Shimanek



ATTEST: \_\_\_\_\_

*Jeanne Lewis*

COUNTY CLERK

VENDOR LIST

For Bridge Build

Dietz Welding and Bridge Construction 252021 E. County Rd 40 Cleo Springs, OK 73729	Wyatt Construction Co. 2311 West 7 <sup>th</sup> Place Stillwater, OK 74074
Horn & Sons Construction Co. Inc. 18629 E. 1250 Rd Sayre, OK 73662	Klaver Construction Co. ATTN: Josh Smith 3219 West May Wichita, KS 67213
Railroad Yard Attn: Kevin Lane 5915 S. Perkins Stillwater, OK 73063	REDLAND CONTRACTING ATTN: Chris Hendrickson 5601 NW 72 <sup>ND</sup> street Warr Acres, OK. 73132
River Ridge Construction Attn: Brady Burke P.O. box 51 Newkirk, OK 74647	H & H Bridge Company 2401 East 12th Street Joplin, MO 64801 (417) 437-2025
Sewell Brothers Inc. 4301 S Eastern Ave Oklahoma City, OK 73129	K&R Builders Inc. 7701 S Council Rd Oklahoma City, OK 73169
Cowboy Contracting, Inc. P.O. Box 218 Perkins, OK 74059	Bridgeco Contractors Inc. P.O. Box 119 Wellston, OK 74881
Built Right Construction LLC P.O. Box 336 Savanna, OK 74565	Concrete Services Corporation P.O. Box 472094 Tulsa, OK 74147-2094
C-P Integrated Services Inc. 3007NW 63 <sup>rd</sup> St Ste #205 OKC, OK 73116	Lopp Construction LLC 7616 Coyle Rd Coyle, OK 73027
Paradigm Construction & Engineering Inc. 2108 N 129 <sup>th</sup> E Avenue Tulsa, OK 74116	

**BID BOND**

A Bidder's Bond, Certified or Cashier's Check is enclosed in the amount of \$ \_\_\_\_\_, as required.

STATE OF \_\_\_\_\_ )

) SS:

COUNTY OF \_\_\_\_\_ )

\_\_\_\_\_; of lawful age, being first duly sworn, upon his oath, deposes and says, that he executed the accompanying bid on behalf of the bidder named therein for the construction of the above improvement in KINGFISHER COUNTY, OKLAHOMA, that he had lawful authority so to do and 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 or 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 State or County officials concerning exchange of money or other thing of value for special consideration in the letting of a contract; said bidder has neither directly nor indirectly entered into any agreement, express or implied, with any bidder or bidders, having for its object the controlling of the price or amount of such bid or bids, the limiting of the bids or bidders, the parceling or farming out to any bidder or bidders, or other persons of any part of the contract or any part of the profits thereof and that he has not and will not divulge the sealed bid on such public improvement to any person whatsoever, except those having a partnership or other financial interest with him in said bid or bids, until after the sealed bid or bids are opened.

If partnership, give name

and address of each partner

\_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Incorporated under the

laws of the State of: \_\_\_\_\_

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

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires: \_\_\_\_\_

**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 Oklahoma, dated \_\_\_\_\_, 20\_\_\_\_, for:

**Kingfisher County  
Bridge #137 rehabilitation project**

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, 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 #137 rehabilitation project**

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 #137 rehabilitation project**

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

**NOTICE TO PROCEED**

TO:

FROM: Kingfisher County Commissioners, Kingfisher County, Oklahoma

YOU ARE HEREBY NOTIFIED that all contract documents have been executed and accepted in relation to the contract on  
**Kingfisher County**  
**Bridge #137 rehabilitation project**

entered into on the \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_, by and between the County and \_\_\_\_\_ and that work may now be commenced in accordance with said Contract. With a contract time of **120** calendar days, the completion date is the \_\_\_\_ day of \_\_\_\_\_.  
DATED at Kingfisher County, Oklahoma this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Kingfisher County Commissioners, Kingfisher County, Oklahoma

By: \_\_\_\_\_  
Chairman

cc: County Clerk

**INVOICE AFFIDAVIT**

STATE OF OKLAHOMA )

) SS.

COUNTY OF KINGFISHER )

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 #137 rehabilitation project**

\_\_\_\_\_  
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: \_\_\_\_\_



## 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 #137 rehabilitation project**

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 Commissioner/or designee 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 by **120 calendar days** following the Notice to Proceed. The Notice to Proceed shall become effective within 30 calendar of the bid opening.

The Contractor shall take out and maintain public liability insurance in accordance with Section 7 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.**

**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 #137 rehabilitation project**

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 completion of the work, but prior to the acceptance thereof by the County, it shall be the duty of the County Commissioner, or designee, 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.

b. 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 South Main, Room#9  
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:

\_\_\_\_\_  
Assistant 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: \_\_\_\_\_

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:

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Address:

\_\_\_\_\_  
Phone Number:

\_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Notary Public (or Clerk or Judge)

My commission expires: \_\_\_\_\_

Note:

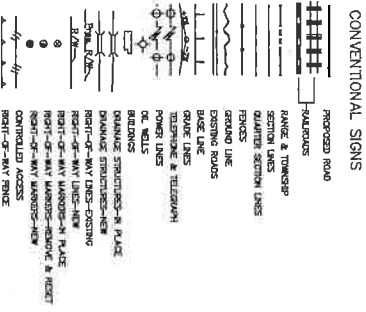
Each competitive bid submitted to a county, school district or municipality must be accompanied with the above Affidavit as required by 61 Okla. St. Ann. 138

**DESIGN DATA**  
 ADT 2020 = 1500  
 ADT 2040 = 2230  
 DESIGN SPEED = 55 M.P.H.  
 TERRAIN - ROLLING  
 FLEX. ESALS = 2.43M

**SURVEY DATA**

1. HORIZONTAL CONTROL
  - A. HORIZONTAL CONTROL FOR THIS SURVEY IS THE ESTABLISHED SECTION CORNER AND THE CONSTRUCTION REFERENCE LINE & SECTION LINE
2. VERTICAL CONTROL
  - A. LEVEL DATUM IS MEAN SEA LEVEL (U.S.C. & G.S.)

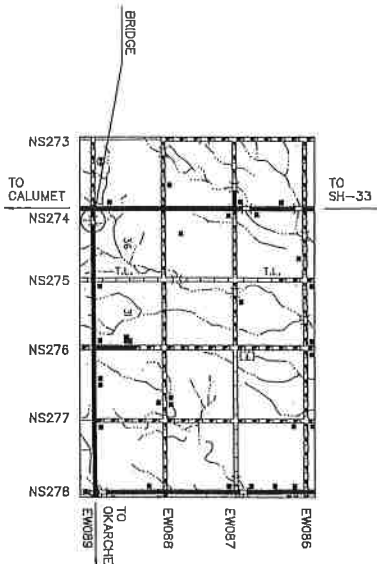
**SCALES**  
 1" = 50'  
 PLAN  
 1" = 50'  
 PROFILE HOR.  
 1" = 5'  
 VER.  
 1" = 5,280'  
 LAYOUT MAP



PROJECT LENGTHS BASED ON CHRL

BRIDGE LENGTH \_\_\_\_\_ 34.00 FT.  
 PROJECT LENGTH \_\_\_\_\_ 90.00 FT.  
 EXCEPTIONS \_\_\_\_\_ NONE  
 EQUATIONS \_\_\_\_\_ NONE

CIRCUIT ENGINEERING DISTRICT #8  
 PLAN OF PROPOSED  
**COUNTY BRIDGE**  
 FOR  
**KINGFISHER COUNTY**  
 BRIDGE REHABILITATION PLANS  
 BRIDGE STRUCTURE NO. 37E0890N2740001  
 LOCAL NO. 137  
 LAT. N 35° 43' 31" LONG. W 98° 06' 56"



**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	TITLE
2	SUMMARY OF PAY QUANTITIES & GENERAL NOTES
3	ROB EXTENSION DETAILS
4	BARREL DETAILS
5	END SECTION DETAILS
6	CONSTRUCTION TRAFFIC CONTROL

STANDARDS  
SBI-4-2

KINGFISHER COUNTY COMMISSIONERS

DATE	_____
DIST. 1	_____
DIST. 2	_____
DIST. 3	_____

COUNTY CLERK \_\_\_\_\_

TYLER D. SCHRODER  
REGISTERED PROFESSIONAL ENGINEER NO. 25837

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - ENGLISH GOVERN.  
APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.\*

**CIRCUIT ENGINEERING DIST. 8**

2901 N. VAN BUREN  
ENID, OK 73703  
(880) 297-4810

GENERAL NOTES

The road will be open to traffic during construction of the bridge. Flaggers and advance warning signs shall be provided for the duration of construction. The contractor shall be responsible for placement and maintenance of all construction signs, barricades, lights, etc. according to the standards set forth in the Manual on Uniform Traffic Control Devices, 2009 Edition. All cost of necessary items for construction signing will be included in the pay item Construction Traffic Control Highway Construction.

Pay item "Earthwork" is for the excavation of wings, aprons, and boreal and any other necessary to access the RCB. Any asphalt that is to be removed is to be saw cut. All cost of excavation shall be included in this pay item and shall be done in accordance with Standard SBI-4-2 and Section 202.04.(c) of the Standard Specifications.

All trees, brush, and other debris that might interfere with the flow of water shall be cleaned out to the Right-of-Way line, at the bridge. All costs to be included in the "Earthwork" pay item.

All flowlines that are to be filled shall be thoroughly compacted before construction or extension of the drainage structure. All cost to be included in the "Earthwork" pay item.

If the thickness of any of the RCB's walls do not match the existing RCB then the new RCB shall be tapered over 6 inches to match the existing RCB.

In accordance with the Oklahoma Underground Facilities Damage Prevention Act, the contractor shall notify the Oklahoma One-Call System, Inc. 72 hours prior to beginning excavation. Oklahoma One-Call System, Inc. "Call One" 1-800-522-5543 or 811.

The bid is good until the completion of the project.

CONSTRUCTION NOTES

(1) THE PAY ITEM "REMOVAL OF HEADWALL" CONSISTS OF REMOVAL OF THE EXISTING APPROACH QUARREL, WINGS, APRONS, AND CURBS, AND DRILLING HORIZONTAL HOLES 18" DEEP AND USING AN APPROVED EPOXY BOND MATERIAL, OR APPROVED ANCHOR, TO ATTACH THE HORIZONTAL THE STEEL AS SHOWN ON SHEET 3. THE COUNTY SHALL DISPOSE OF ALL REMOVED MATERIAL.

(2) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY. SEE 2009 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, "PLAIN QUANTITIES" SECTION 109.01(9).

RESPONSIBILITIES OF COUNTY FORCES

Moving and replacing fence if required.  
 Providing for relocation of utilities, if necessary.  
 Obtaining right of way.  
 Backfilling and Compacting behind the RCB.  
 Ploching Asphalt on Roadway.  
 Removing concrete and other materials from job site.

DESIGN DATA

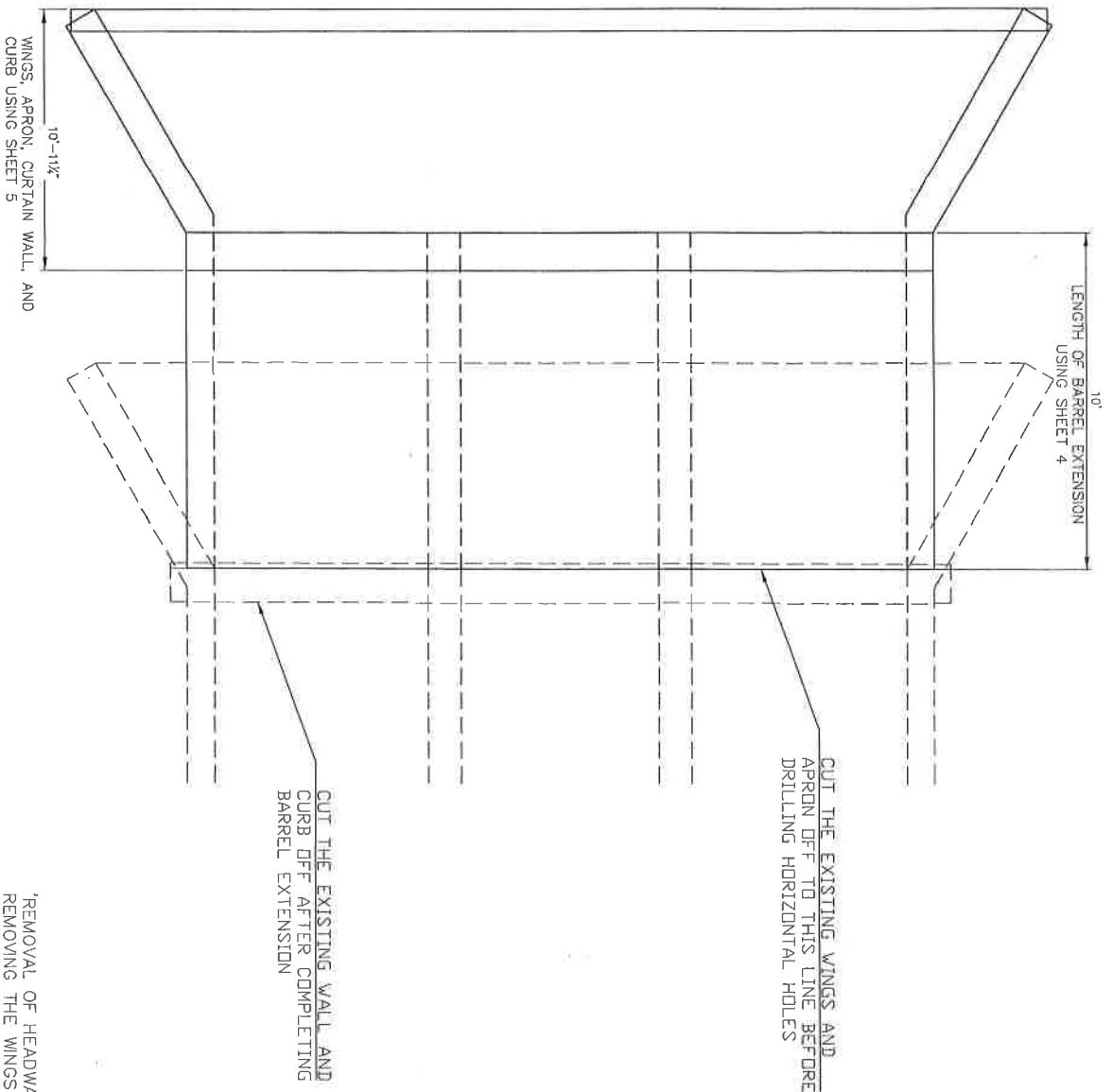
CONCRETE CLASS AA  
 REINFORCING STEEL: (GR. 60)

f'c=4,000 psi  
 fy=60,000 psi

ITEM	DESCRIPTION	UNIT	QUANTITY
641	1328 MOBILIZATION	L. SUM	1.00
202(4)	0128 EARTHWORK	L. SUM	1.00
509(4)	1328 CLASS AA CONCRETE	C.Y.	131.80
511(4)	1332 REINFORCING STEEL	(2) LBS.	13,321.00
519(8)	0291 REMOVAL OF HEADWALL	EA.	2.00
519(8)	5903 CONSTRUCTION TRAFFIC CONTROL	L. SUM	1.00

GENERAL NOTES





METHOD FOR EXTENDING BOX, ONE SIDE

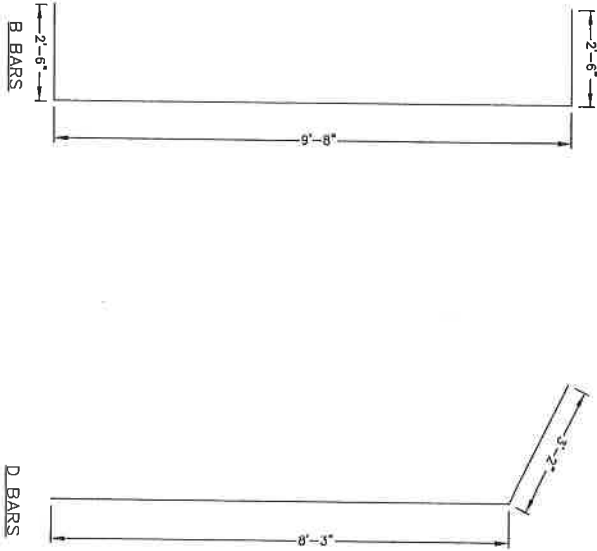
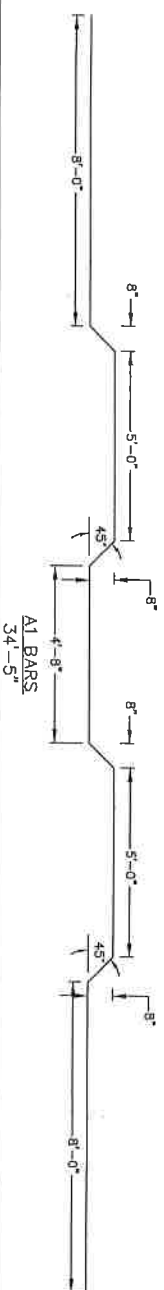
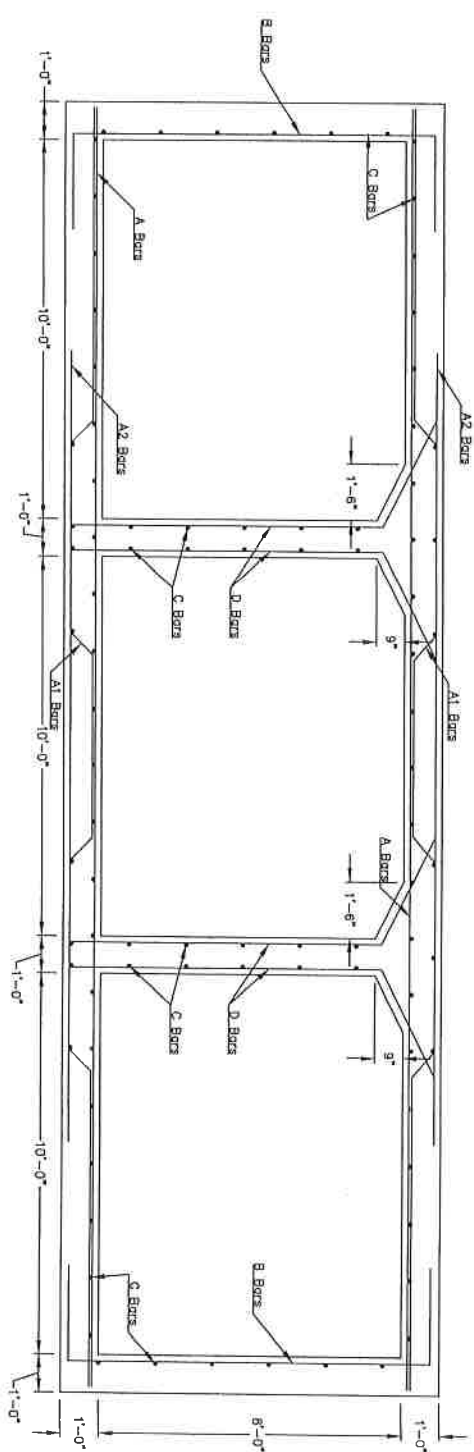
'REMOVAL OF HEADWALL' SHALL INCLUDE SAWING & REMOVING THE WINGS AND APRONS OUTSIDE THE CURBS. DRILLING HORIZONTAL HOLES 18" DEEP & USING AN APPROVED EPOXY BOND MATERIAL, OR APPROVED ANCHOR, TO ATTACH THE HORIZONTAL TIE STEEL. AFTER COMPLETION OF THE BARREL EXTENSION, THE EXISTING CURBS AND RAILS SHALL BE REMOVED.

BRIDGE QUANTITIES					
BRIDGE (X) 3 BARREL - 10'X8' RCB EXTEND 10' RT. AND 10' LT. W/ 4 CURTAIN WALLS					
ITEM	UNIT	20' OF BARREL	ONE END SECTION	ONE END SECTION	TOTAL
CLASS AA CONCRETE	C.Y.	75.00	28.00	28.00	131.00
REINFORCING STEEL	LEBS	* 8,581.00	2,380.00	2,380.00	13,341.00

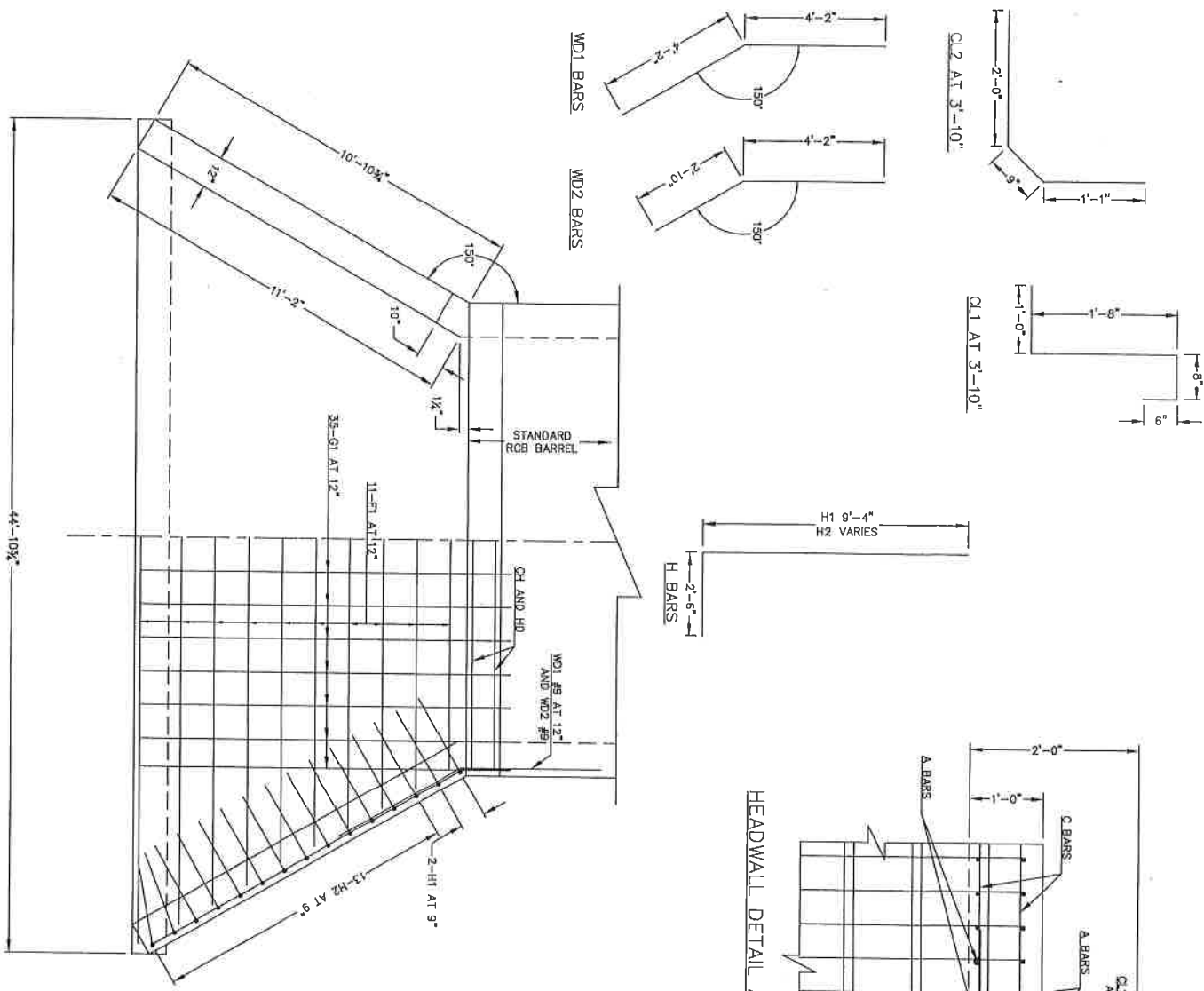
\* Includes 181 lbs. to be deducted into the existing box.

RCB EXTENSION DETAILS

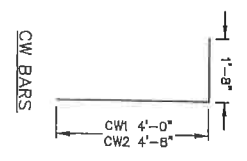
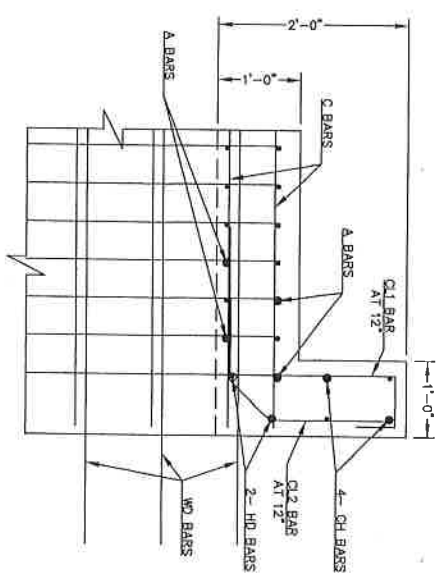
BARREL BAR LIST																			
A Bars	A1 Bars	A2 Bars	B Bars	C Bars	D Bars	Reinforcing Steel	Case AA Concrete												
Size	Spacing	Length	Size	Spacing	Length	Size	Spacing	No.	Size	Spacing	Length	Lbs. per L.F. of ROJ	C.Y. per L.F. of ROJ						
#8	1'-0"	33'-0"	#8	1'-0"	34'-5"	#8	1'-0"	20'-6"	#5	0'-7"	14'-8"	#4	1'-6"	90	#4	0'-9"	11'-5"	419.00	3.79



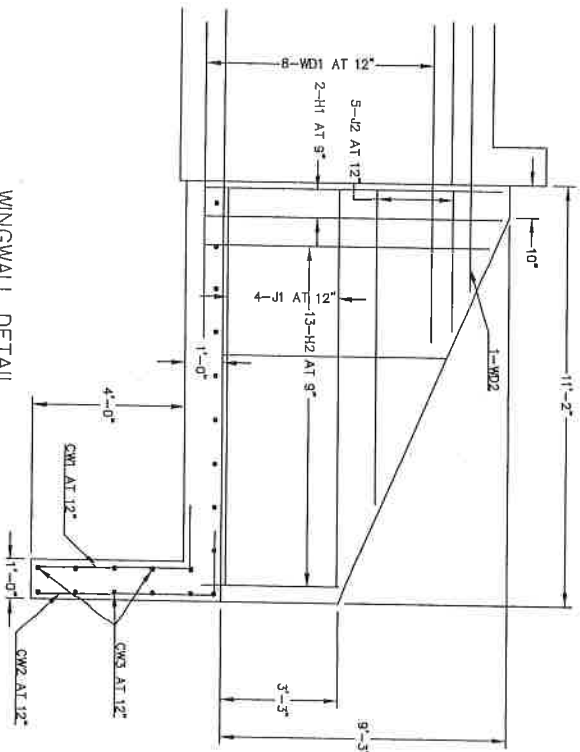
KINGSTON COUNTY  
 BARREL DETAILS  
 TRIPLE CELL 10'x8' ROJ



HEADWALL DETAIL AT EXTERIOR WALL



WINGWALL DETAIL  
Measured along the length of the wing

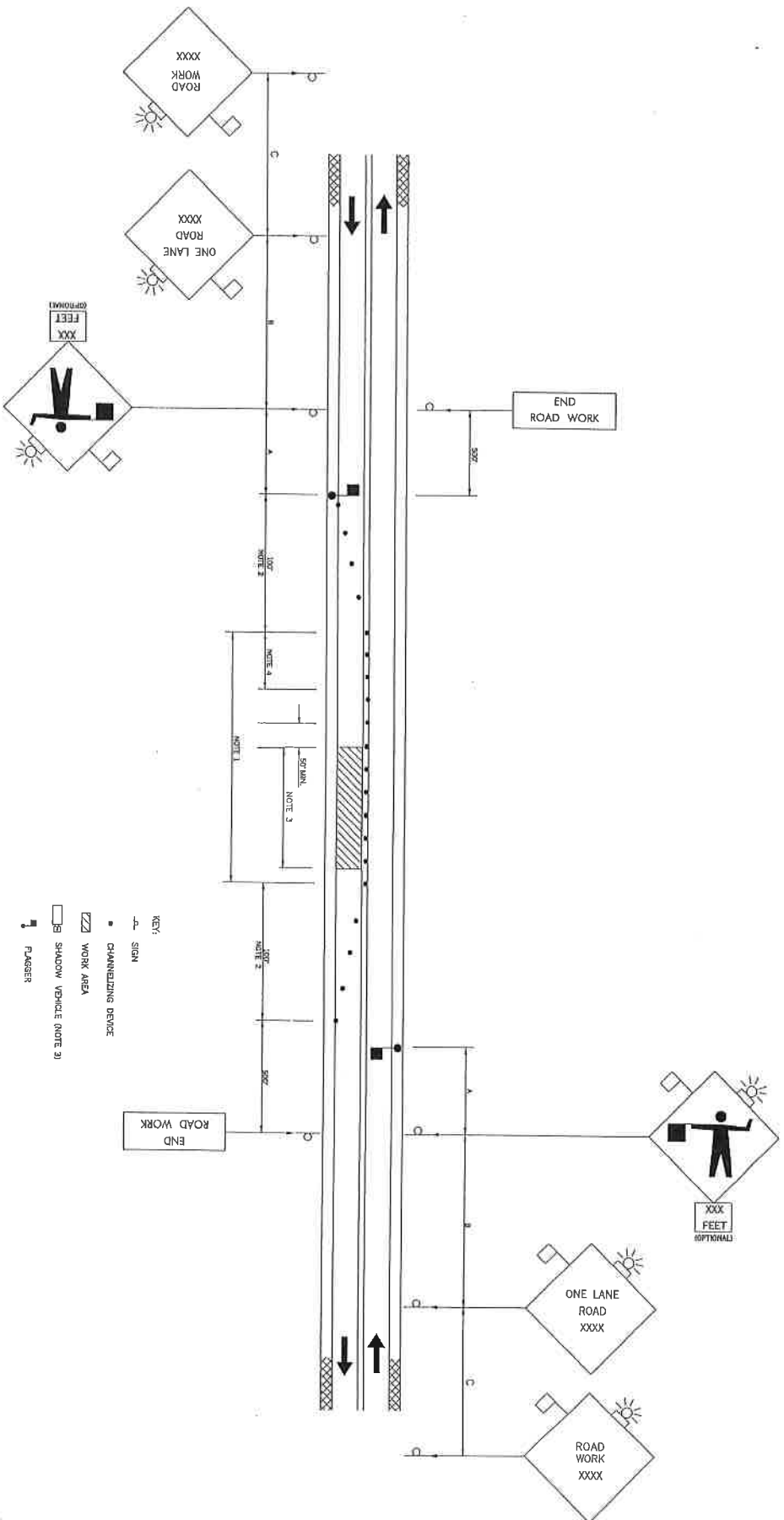


NOTE: QUANTITIES ABOVE ARE FOR ONE END SECTION, WHICH IS COMPRISED OF ONE HEADWALL, ONE APRON, ONE CURTAIN WALL, AND TWO WINGWALLS.

CLASS	TOTAL	QUANTITIES	UNIT	QTY.
CLASS FOR CONCRETE			CY	261.00
REINFORCING STEEL			LB	2,380.00

MARK	FORM	SIZE	QTY.	LENGTH	REMARKS
F1	STR	44	11	33'-0" AVG	33'-9" TO 44'-0"
G1	STR	44	35	12'-0"	
H1	STR	44	26	11'-10"	6'-1" TO 11'-3"
J1	STR	44	10	9'-8" AVG	5'-0" TO 9'-9"
K1	STR	44	18	5'-10" AVG	2'-0" TO 5'-9"
L1	STR	44	2	7'-0"	
M1	STR	44	46	5'-4"	
N1	STR	44	6	6'-4"	
O1	STR	44	70	44'-5"	
P1	STR	44	5	33'-5"	
Q1	STR	44	35	3'-10"	
R1	STR	44	2	33'-8"	

KINGSFISHER COUNTY WINTER CAMP CR  
END SECTION DETAILS  
10'X8' TRIPLE CELL RCB



TYPICAL APPLICATION  
LANE CLOSURE AND FLAGGING IS PROVIDED

NOTE 1  
MAXIMUM SPACING OF CHANNELIZING DEVICES SHALL BE AS FOLLOWS:

- (1) FIRST 250 FEET OF WORK AREA
- (2) 25 FEET FOR CONES AND TUBE CHANNELIZERS
- (3) 50 FEET FOR TYPE II BARRIQUES, VERTICAL FRAMES OR DRUMS

(3) REMAINDER OF WORK AREA

- (1) 50 FEET FOR CONES AND TUBE CHANNELIZERS, FRAMES AND DRUMS
- (2) 100 FEET FOR TYPE II BARRIQUES, VERTICAL FRAMES AND DRUMS

NOTE 2  
A MINIMUM OF FIVE (5) CHANNELIZING DEVICES SHALL BE PLACED THRU THIS AREA.

NOTE 3  
PORTABLE LONGITUDINAL BARRIERS SHALL BE PLACED THE FULL LENGTH OF THE WORK AREA BETWEEN TRAFFIC AND THE END OF THE ROAD UNDER CONSTRUCTION.

NOTE 4

A LONGITUDINAL BUFFER AREA TO ALLOW WORKERS TIME TO EVACUATE THE WORK AREA SHOULD BE PROVIDED. THIS BUFFER SHOULD BE EXTENDED ON EITHER SIDE OF THE BUFFER. THE BUFFER LENGTH SHALL BE DETERMINED BY FIELD CONDITIONS AND THE JUDGMENT OF THE ENGINEER.

ROAD TYPE	A (FT)	B (FT)	C (FT)
URBAN (LOW SPEED)	200	200	200
URBAN (HIGH SPEED)	350	350	350
RURAL	500	500	500
EXPRESSWAY/FREEWAY	1,000	1,500	2,500

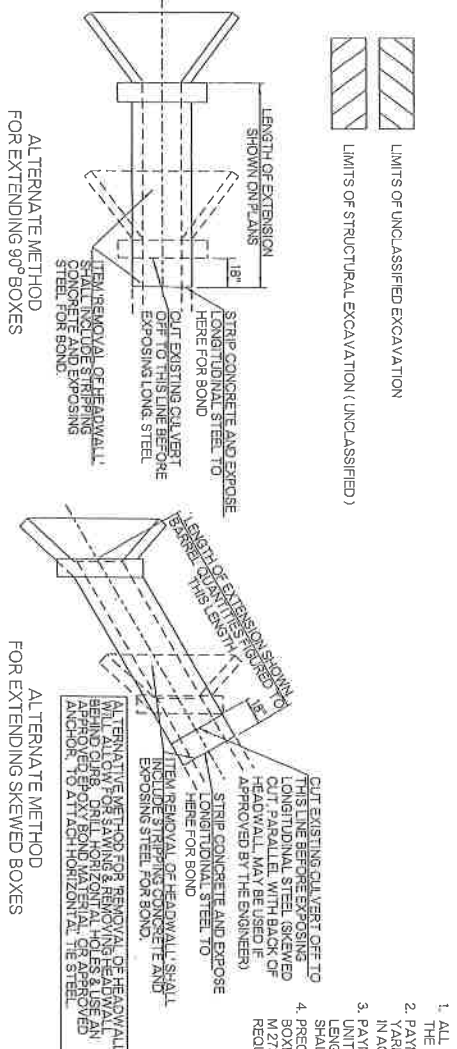
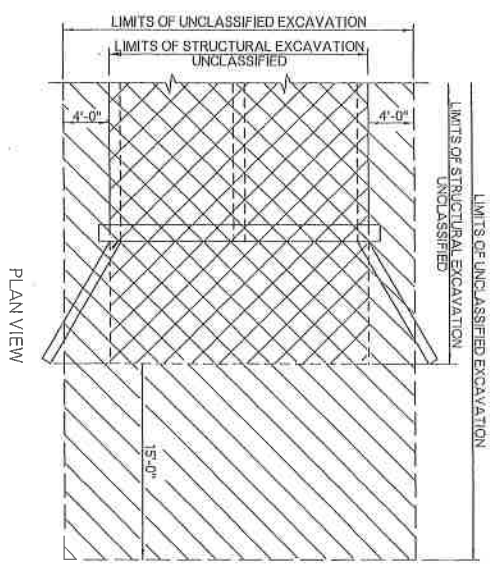
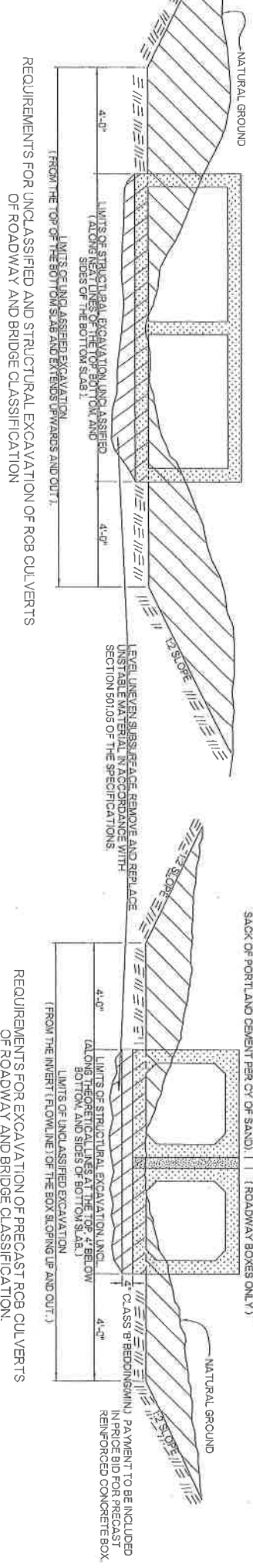
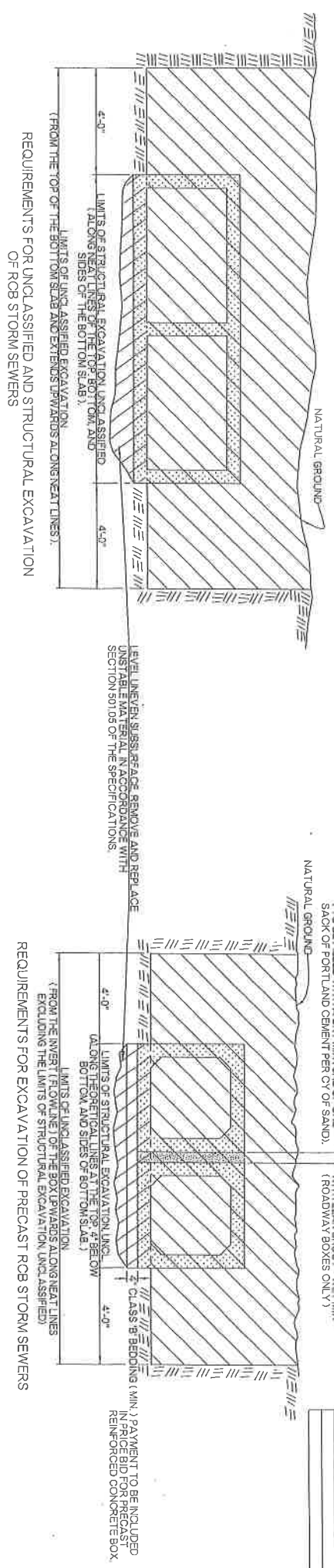
END ROAD WORK SIGNS MAY BE OMITTED IF WORK ZONE IS LESS THAN 2,000 FEET.

THE FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT CONTACT AT ALL TIMES AND SHALL BE POSITIONED TO PROTECT THE WORKERS.

WHEN NO WORK IS BEING PERFORMED AND TWO LANE TRAFFIC IS OPERATING, FLAGGERS WILL NOT BE REQUIRED. WHENEVER FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

FLOODLIGHTS SHOULD BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.

IN INSTANCES WHERE SIGHT DISTANCE MAY BE RESTRICTED DUE TO A CREST VERTICAL CURVE, HORIZONTAL CURVE OR OTHER FACTORS, THE CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.



REQUIREMENTS FOR UNCLASSIFIED AND STRUCTURAL EXCAVATION OF ROADWAY AND BRIDGE CLASSIFICATION

REQUIREMENTS FOR EXCAVATION OF PRECAST ROB CULVERTS OF ROADWAY AND BRIDGE CLASSIFICATION

REQUIREMENTS FOR EXCAVATION OF PRECAST ROB STORM SEWERS

- GENERAL NOTES**
1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2009 ODOT STANDARD SPECIFICATIONS.
  2. PAYMENT FOR CAST-IN-PLACE REINFORCED CONCRETE BOXES WILL BE IN CUBIC YARDS OF CLASS A OR CLASS AA CONCRETE AND POUNDS OF REINFORCING STEEL, IN ACCORDANCE WITH SECTION 509 AND 511 OF THE SPECIFICATIONS.
  3. PAYMENT FOR PRECAST CONCRETE BOX CULVERTS WILL BE MADE BASED ON THE UNIT PRICE BID FOR ITEMS AND QUANTITIES OF A CAST-IN-PLACE BOX OF THE LENGTH REQUIRED AS DETERMINED BY FIELD MEASUREMENTS, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTION 506 OF THE SPECIFICATIONS.
  4. PRECAST CONCRETE BOX SECTIONS USED IN LIEU OF CAST-IN-PLACE CONCRETE BOXES SHALL MEET MINIMUM DESIGN REQUIREMENTS OF AASHTO M 259 OR M 273, AND SHALL MEET C1439 OR C1577, AND JOINT FILLER SHALL MEET THE REQUIREMENTS OF SUBSECTION 726.01.8 OF THE SPECIFICATIONS.

**BASIS OF PAYMENT**

ITEM NO.	ITEM	UNIT
202 (A)	UNCLASSIFIED EXCAVATION	CY
501 (A)	STRUCTURAL EXCAVATION UNCLASSIFIED	CY
619 (B)	REMOVAL OF HEADWALL	EA

APPROVED BY: *Calder*  
ROADWAY DESIGN DIVISION STANDARD DATE: *01/11/15*

OKLAHOMA DEPARTMENT OF TRANSPORTATION  
2009 SPECIFICATIONS

STANDARD BOX INSTALLATION

SBI-4 2  
R-52