

CHICKASHA MUNICIPAL AUTHORITY

AGENDA
LOCATION OF MEETING
CITY HALL COUNCIL CHAMBERS
117 NORTH FOURTH STREET
CHICKASHA, OKLAHOMA 73018

TIME OF MEETING
6:30 PM

DATE OF MEETING
MARCH 6, 2023

All items on this agenda, including but not limited to any agenda item concerning the adoption of any ordinance, resolution, contract, agreement, or any other item of business, are subject to amendment, including additions and/or deletions. This rule will apply to every individual agenda item without exception, and without providing this same amendment language with respect to each individual agenda item. Such amendments should be rationally related to the topic of the agenda item, or the governing body will be advised to continue the item.

The governing body may adopt, approve, ratify, deny, defer, recommend, amend, strike, or continue any agenda item. When more information is needed to act on an item, the governing body may refer the matter to its City/Trust Manager, staff, attorney or to the recommending board, commission or committee.

- 1. Call to Order / Roll Call.**
- 2. Consent Docket:**
 - a. Acceptance of the Minutes of the February 20, 2023 regular meeting.
 - b. Acceptance of the Claims List.
- 3. Discussion/Approval of Items Removed from Consent Docket:**
- 4. Consideration and Discussion Items:**
 - a. Discussion, consideration, and possible action to award Bid CMA-2301 - Sanitary Sewer Main Replacement Project (US Hwy 81 Realignment

Project) to Matthews Trenching Co., Inc. in the amount of \$616,600.00.

5. Motion for Adjournment.



City of
CHICKASHA

Meeting Type: CMA Agenda 3-6-2023

Meeting Date: 3/6/2023

Department: City Clerk

Agenda Item No. 2.a.

AGENDA ITEM: Acceptance of the Minutes of the February 20, 2023 regular meeting.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

Accept the Minutes of the February 20, 2023 regular meeting.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: Susan M. McDaniel, City Clerk	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: March 6, 2023	(From)		

V. ATTACHMENTS:

1. CMA 2-20-2023

February 20, 2023

The **REGULAR** meeting of the **CHICKASHA MUNICIPAL AUTHORITY** was held in the council chambers in city hall on the 20th day of February 2023 as specified by advance public notice with a properly prepared agenda stating the subject matter or matters to be discussed at said meeting. Chairman Mosley called the meeting to order at 7:08 p.m.

ITEM 1.

Call to Order / Roll Call:

CHAIRMAN AND TRUSTEES

PRESENT:

Chris Mosley, Chairman
Zachary Grayson, Vice Chairman
Kelly Boyd
Oscar Nelson
Kea Ginn
Georgianne Hebblethwaite
Nate McCalla
Brian Gerdes

ABSENT:

R. P. Ashanti-Alexander

STAFF

PRESENT:

Keith Johnson, City Manager
Amanda Mullins, City Attorney
Susan M. McDaniel, City Clerk
Tony Samaniego, Fire Chief
G. G. Music, Interim Police Chief
Lille Huckaby, Library Director
Spencer Winzenried, Parks & Rec Director
Jim Crosby, Public Works Director
Robert Brooks, Treasurer
Rachel Bernish, Community Development Director
Shae Mortimer, Marketing and Civic Engagement Manager

ITEM 2.

Consent Docket: ITEM 2a thru ITEM 2b

ITEM 2a.
ITEM 2b.

Acceptance of the Minutes of February 6, 2023, regular meeting.
Acceptance of the Claims List.

TIME 7:30 P.M.

*Motion by Trustee Boyd, second by Trustee Hebblethwaite to approve Item 2a thru Item 2c.

Roll call vote:

Ayes:” Grayson, Nelson, Hebblethwaite, Ginn, McCalla, Boyd, Gerdes and Mosley.

“Nays:” None

“Abstain:” None

Motion carried. 8-0

ITEM 3. **Discussion / Approval of Items Removed from Consent Docket:**

No action taken on Item 3.

ITEM 4. **Discussion and Consideration Items:**

ITEM4a. **Discussion, consideration, and possible action to award Bid CMA-2204- Water Mains Construction Project to H&H Plumbing in the amount of \$315,854.00.**

*Motion by Council Member Hebblethwaite and second by Council Member Grayson to award Bid CMA-22043- Water Mains Construction Project to H&H Plumbing in the amount of \$315,854.00.

Roll call vote:

“Ayes:” Grayson, Nelson, Hebblethwaite, Gerdes, Ginn, McCalla, Boyd, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 8-0

ITEM 5. **Motion to Adjourn.**

*Motion by Trustee Boyd, second by Trustee Hebblethwaite to adjourn.

Meeting adjourned.

TIME: 7:09 PM

Approved this 6th day of March 2023.

Chris Mosley, Chairman

(ATTEST)

Susan M. McDaniel, CMC
City Clerk



City of
CHICKASHA

Meeting Type: CMA Agenda 3-6-2023

Meeting Date: 3/6/2023

Department: Finance

Agenda Item No. 2.b.

AGENDA ITEM: Acceptance of the Claims List.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

Accept Claims List.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director:	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: March 6, 2023	(From)		

V. ATTACHMENTS:



City of
CHICKASHA

Meeting Type: CMA Agenda 3-6-2023

Meeting Date: 3/6/2023

Department: Public Works

Agenda Item No. 4.a.

AGENDA ITEM: Discussion, consideration, and possible action to award Bid CMA-2301 - Sanitary Sewer Main Replacement Project (US Hwy 81 Realignment Project) to Matthews Trenching Co., Inc. in the amount of \$616,600.00.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director:
NAME, TITLE

Fund	Account	Amount
(To)		
FUND	ACCOUNT	AMOUNT
(From)		

Meeting Date:
March 6, 2023

V. ATTACHMENTS:

1. Recommendation Letter from Scott Vaughn
2. CMA-2301 - Bid Tabulations
3. CMA-2301



CHISHOLM TRAIL CONSULTING, LLC

R. Scott Vaughn, P.E., CFM
Professional Engineering Services
580-467-8130
rscottv11@gmail.com

February 21, 2023

Chickasha Municipal Authority
Mr. Jim Crosby
Public Works Director
117 North 4th Street
Chickasha, Oklahoma 73018

RE: RFP CMA-2301
SANITARY SEWER MAIN REPLACEMENT PROJECT
CHICKASHA, OK

Dear Sir:

After carefully reviewing the bids submitted on February 21, 2023 for the referenced project, I find that the lowest responsive bid was submitted by Matthews Trenching Co., Inc. of Oklahoma City, Oklahoma. Please refer to the attached Detailed Bid Tabulation and Bid Tabulation Summary for more information.

The work on this project consists of installation of approximately 1,110 LF of 14-inch sanitary sewer main on the north side of US Highway 62 at US Highway 81 on the west side of Chickasha. It will be necessary to bore and encase about 400 LF of this new main under existing US 81. This work is needed to accommodate the US Highway 81 Realignment Project by ODOT.

The Base Bid calls for 710 LF of sewer main installed by trenching on the original alignment approved by ODOT. The Alternate Bid was suggested by a bidder during the bidding process and would reduce this length of trenched sewer main to about 680 LF. A portion of this alternate lies on a different alignment than the Base Bid, and it is believed that this will lessen the impact to an existing light pole and sign at Chisholm Travel Plaza (CTP). Using the alternate bid alignment would require additional design and is contingent upon ODOT approval and obtaining a new easement at Chisholm Travel Plaza.

The entire cost of this project is to be borne by the CMA, as denoted in the Utility Relocation Agreement with ODOT.

Matthews Trenching has successfully completed many projects of a similar nature in Oklahoma. It is my recommendation that the Chickasha Municipal Authority award a contract for the Base Bid to Matthews Trenching Co., Inc. for CMA-2301 in the amount of \$616,600.00.

If you have any questions, or require additional information, please do not hesitate to call me.

Sincerely,

R. Scott Vaughn

R. Scott Vaughn, P.E., CFM

Enclosures

Cc: File

REASONABLE ■ SENSIBLE ■ QUALITY

CHICKASHA MUNICIPAL AUTHORITY
RFP CMA-2301
SANITARY SEWER MAIN REPLACEMENT PROJECT

BID TABULATION SUMMARY

DATE/TIME OF BID OPENING 2/21/2023 1:30 p.m.

COMPANY NAME	BASE BID	ALTERNATE BID 1	QUEST CDN PLANHOLDER	AFFIDAVIT OF NON-COLL.	BUS. REL. AFFIDAVIT	BIDDER QUALIF STMT	BID BOND	ADDENDUM 1
DOWNEY CONTRACTING	\$780,735.00	\$764,725.00	YES	YES	YES	YES	YES	YES
MATTHEWS TRENCHING	\$616,600.00	\$607,150.00	YES	YES	YES	YES	YES	YES
YOUNG CONTRACTING	\$740,596.00	\$721,496.00	YES	YES	YES	YES	YES	YES
Engineer's Estimate	\$618,300.00	\$591,300.00	N/A	N/A	N/A	N/A	N/A	N/A



CHISHOLM TRAIL CONSULTING, LLC

CHICKASHA MUNICIPAL AUTHORITY
RFP CMA-2301
SANITARY SEWER MAIN REPLACEMENT PROJECT
DETAILED BID TABULATION

Bid Opening Date and Time		2/21/2023 1:30 p.m.		ENGINEER ESTIMATE		DOWNEY CONTRACTING		MATTHEWS TRENCHING		YOUNG CONTRACTING	
				BASE BID							
PAY ITEM	PAY ITEM DESCRIPTION	UNITS	EST QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	14" DIP SANITARY SEWER MAIN, BY TRENCHING	LF	710	\$ 150.00	\$ 106,500.00	\$ 340.00	\$ 241,400.00	\$ 375.00	\$ 266,250.00	\$ 320.00	\$ 227,200.00
2	14" DIP SANITARY SEWER MAIN, BORED/CASE	LF	400	\$ 750.00	\$ 300,000.00	\$ 784.00	\$ 313,600.00	\$ 625.00	\$ 250,000.00	\$ 885.00	\$ 346,000.00
3	SANITARY SEWER MANHOLE, INSTALLED	EA	4	\$ 10,000.00	\$ 40,000.00	\$ 5,906.00	\$ 23,624.00	\$ 5,000.00	\$ 20,000.00	\$ 9,500.00	\$ 38,000.00
4	CONTROLLED LOW STRENGTH MATERIAL	CY	220	\$ 250.00	\$ 55,000.00	\$ 308.00	\$ 67,760.00	\$ 150.00	\$ 33,000.00	\$ 150.00	\$ 33,000.00
5	SEWER FLOW CONTROL	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 57,824.00	\$ 57,824.00	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00
6	ABANDON SEWER MAIN (INCL. PLUG AND GROUT)	CY	38	\$ 100.00	\$ 3,800.00	\$ 756.00	\$ 28,728.00	\$ 300.00	\$ 11,400.00	\$ 550.00	\$ 20,900.00
7	LEAKAGE TESTING	LSUM	1	\$ 7,500.00	\$ 7,500.00	\$ 2,524.00	\$ 2,524.00	\$ 1,500.00	\$ 1,500.00	\$ 4,000.00	\$ 4,000.00
8	DEFLECTION TESTING	LSUM	1	\$ 7,500.00	\$ 7,500.00	\$ 1,844.00	\$ 1,844.00	\$ 1,500.00	\$ 1,500.00	\$ 3,500.00	\$ 3,500.00
9	DEMOLITION/REMOVALS	LSUM	1	\$ 2,500.00	\$ 2,500.00	\$ 6,075.00	\$ 6,075.00	\$ 2,500.00	\$ 2,500.00	\$ 10,500.00	\$ 10,500.00
10	P.C. PAVEMENT REPAIR	SY	27	\$ 1,500.00	\$ 40,500.00	\$ 427.00	\$ 11,529.00	\$ 350.00	\$ 9,450.00	\$ 185.00	\$ 4,995.00
12	SIGN PRESERVATION/RESTORATION	EA	1	\$ 25,000.00	\$ 25,000.00	\$ 22,327.00	\$ 22,327.00	\$ 3,500.00	\$ 3,500.00	\$ 1.00	\$ 1.00
13	CONSTRUCTION TRAFFIC CONTROL	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
TOTAL BASE BID					\$ 618,300.00		\$ 780,735.00		\$ 616,600.00		\$ 740,596.00
ALTERNATE BID 1											
1	14" DIP SANITARY SEWER MAIN, BY TRENCHING	LF	680	\$ 150.00	\$ 102,000.00	\$ 340.00	\$ 231,200.00	\$ 385.00	\$ 261,800.00	\$ 320.00	\$ 217,600.00
2	14" DIP SANITARY SEWER MAIN, BORED/CASE	LF	400	\$ 750.00	\$ 300,000.00	\$ 784.00	\$ 313,600.00	\$ 625.00	\$ 250,000.00	\$ 885.00	\$ 346,000.00
3	SANITARY SEWER MANHOLE, INSTALLED	EA	3	\$ 10,000.00	\$ 30,000.00	\$ 5,938.00	\$ 17,814.00	\$ 5,000.00	\$ 15,000.00	\$ 9,500.00	\$ 28,500.00
4	CONTROLLED LOW STRENGTH MATERIAL	CY	220	\$ 250.00	\$ 55,000.00	\$ 308.00	\$ 67,760.00	\$ 150.00	\$ 33,000.00	\$ 150.00	\$ 33,000.00
5	SEWER FLOW CONTROL	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 57,824.00	\$ 57,824.00	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00
6	ABANDON SEWER MAIN (INCL. PLUG AND GROUT)	CY	38	\$ 100.00	\$ 3,800.00	\$ 756.00	\$ 28,728.00	\$ 300.00	\$ 11,400.00	\$ 550.00	\$ 20,900.00
7	LEAKAGE TESTING	LSUM	1	\$ 7,500.00	\$ 7,500.00	\$ 2,524.00	\$ 2,524.00	\$ 1,500.00	\$ 1,500.00	\$ 4,000.00	\$ 4,000.00
8	DEFLECTION TESTING	LSUM	1	\$ 7,500.00	\$ 7,500.00	\$ 1,844.00	\$ 1,844.00	\$ 1,500.00	\$ 1,500.00	\$ 3,500.00	\$ 3,500.00
9	DEMOLITION/REMOVALS	LSUM	1	\$ 2,500.00	\$ 2,500.00	\$ 6,075.00	\$ 6,075.00	\$ 2,500.00	\$ 2,500.00	\$ 10,500.00	\$ 10,500.00
10	P.C. PAVEMENT REPAIR	SY	27	\$ 1,500.00	\$ 40,500.00	\$ 427.00	\$ 11,529.00	\$ 350.00	\$ 9,450.00	\$ 185.00	\$ 4,995.00
12	SIGN PRESERVATION/RESTORATION	EA	1	\$ 12,500.00	\$ 12,500.00	\$ 22,327.00	\$ 22,327.00	\$ 3,500.00	\$ 3,500.00	\$ 1.00	\$ 1.00
13	CONSTRUCTION TRAFFIC CONTROL	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
TOTAL ALTERNATE BID NO. 1					\$ 591,300.00		\$ 764,725.00		\$ 607,150.00		\$ 721,496.00

**STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION
UTILITY RELOCATION AGREEMENT**

AGREEMENT 2 - SANITARY SEWER

PROJECT NO. NHPP-226N(069)FP JOB PIECE NO. 24428 UTILITIES (06) COUNTY Grady

THIS AGREEMENT, made and entered into by and between the Department of Transportation acting for and on behalf of the State of Oklahoma, hereinafter called the "State" and City of Chickasha/Chickasha Municipal Authority
(Company Name/Address)

117 North 4th Street, Chickasha, Ok 73018

hereinafter called the "Utility Owner".

WITNESS TO THAT

WHEREAS, the State proposed to improve US Highway No. 81 and such improvements will necessitate rearrangement of facilities by said Utility Owner (state scope and nature of work on reverse side), and

WHEREAS, it is understood that if said project is to be financed in part from funds appropriated by the United States and expended under its regulations, that acceptance of work and procedure in general are subject to Federal Laws, Rules, Regulations, Orders, and Approvals applying to it as a Federal Project, and that costs for items entering into the improvement are reimbursable to the State in such amounts and forms as are proper and eligible for payment from Federal Funds. Reference is made to U.S. Department of Transportation, Code of Federal Regulations, Title 23, Parts 645A, 645B and 635.410, included in the Right-of-Way and Utilities Division Policies and Procedures, and

WHEREAS, it is understood that Title 69, O. S., § 1205 and 1403 each as amended, define the extent to which the State and the Utility Owner may be obligated in the costs of utility rearrangements, and the utility locations on all highways are governed by Regulations and Policies adopted by the State Transportation Commission for the protection and maintenance of the highways, and for the safety of the highway users, and

WHEREAS, the State reserves the right to cancel this Agreement at any time prior to the beginning of the adjustment or relocation of the facilities of this Utility Owner, and

WHEREAS, the State agrees to pay the Utility Owner for the proportionate share of the actual cost to prepare approved preliminary engineering plans and estimates at the State's request, if for any reason the State cancels this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the Utility Owner agrees:

1. To prepare a detailed estimate of the cost of work to be performed in accordance with the Department's Right-of-Way and Utilities Division Policies and Procedures, and such estimate of cost must be attached and be a part of this Agreement. The estimate will include: (1) The accounting system to be used in computing the relocation costs; (2) Credit for Expired Service Life setting forth therein the conditions on which such credit was determined or complete justification if the credit is not applicable; and; (3) Whether equipment costs are developed from experience records.

2. To include the costs for backfill and compaction of any trenches or holes within the right-of-way limits in the estimate of costs. The backfill will be placed and compacted to a density as directed by the Resident Engineer/Manager, but will not be compacted to less than that of the adjacent soil.
3. Any and all existing fencing that may require alteration during the utility relocation process shall be restored to its original condition during and after the time of utility relocation/rearrangement. It is the responsibility of the utility owner to insure that the integrity of the fencing is not compromised at any time to an extent in which it prevents the fencing from performing its intended purpose.
4. To prepare drawings showing the present, temporary and proposed location of its facilities with reference to the centerline of survey and/or the new or existing right-of-way lines using highway stationing in both plan and profile. Delineate details, including date of installation, class, and type of present facility. To comply with all applicable laws and regulations necessary to meet the Oklahoma Department of Environmental Quality (DEQ) requirements for pollution prevention, including discharges from storm water runoff on this project. Further, agrees to secure a Storm Water Permit from the DEQ, when required. It is agreed that the project plans and specifications, required schedules for accomplishing the temporary and permanent erosion control work, the storm water pollution prevention plans and the appropriate location map contained in the plans constitute the Storm Water Management Plan for the project previously described in the document. Agrees to have daily operational control of those activities, at the site, necessary to ensure compliance with plan requirements and permit conditions. Agrees to file the Notice of Intent (NOI), when required, for a general construction Oklahoma Pollutant Discharge Elimination System Permit with DEQ, which authorizes discharges of storm water associated with construction activity from the project site identified in this document. Such drawings will be attached to and become a part of this agreement.
5. To begin the process of adjustment or relocation of the facilities as shown on the plans and covered by this Agreement within a reasonable time, depending on the availability of material and work forces, but the actual time must not exceed thirty (30) days after receipt of notice from the state to do so, and in no event proceed with any adjustment or relocation work until such notice is received. To inform the State's Resident Engineer/Manager of: (1) The proposed starting date, prior to commencing work, and continually maintaining liaison with his/her office for the duration of the physical relocation; (2) The materials to be disposed of by scrapping, or sale, and to inform him/her of a time and place for his/her inspection thereof; (3) The date work is completed.
6. Compliance with the Buy America Requirements:

A. In accordance with the BUY AMERICA requirements of the Federal Regulations (23 USC § 313 and 23 CFR § 635.410) all manufacturing processes, including the application of coating, for all steel and iron products furnished for permanent incorporation into the work on this project shall occur in the United States.

"All manufacturing processes" are defined as any process required to change the raw ore or scrap metal into the finished steel or iron project (smelting, rolling, extruding, bending, etc.).

"Coating" is defined as any process which protects or enhances the value of the steel or iron produce to which the coating is applied (epoxy, galvanizing, painting, etc.).

Products of steel include, but are not limited to, such products as steel pipe, steel encasement, reinforced concrete pipe, steel electrical poles, conductor wire, etc. Products of iron include, but are not limited to, such products as ductile iron pipe. The coating material is not limited to this clause, only the application process.

The following materials are exempt, unless processed or refined to include substantial amounts of steel or iron material, and may be used regardless of source in the domestic manufacturing process for steel or iron material:

- Raw Materials (iron ore or alloys)
- Scrap
- Pig Iron
- Processed, pelletized, and reduced iron ore material
- Aluminum
- Brass
- Copper

For recycled steel, only the manufacturing processes to produce steel products must occur domestically beginning at the point where the recycled steel is melted.

B. Minimal Use Request - The federal regulations do not prevent the use of miscellaneous steel or iron components, subcomponents and hardware necessary to encase, assemble and construct certain highway products and manufactured products that are not predominately steel or iron if the cost of such materials used does not exceed one tenth of one percent (0.1%) of the total contract price or \$2,500.00, whichever is greater. The value of any foreign material to be used includes the cost of the material as well as any shipping and taxes.

The Contractor/Utility Owner must submit a written request to the Resident Engineer which includes the origin and value of any foreign material to be used. This request must be submitted prior to the work being performed.

C. Compliance with Buy American Requirements - The Contractor/Utility Owner's responsibility for meeting the Buy America requirements are as follows:

- a) Before any work begins that incorporates steel or iron products into the project, the contractor shall submit a project specific certification letter stating that all manufacturing processes involved with the production of these projects will occur in the United States, along with project specific certification letters from each subcontractor and supplier of steel or iron products for the project (See attached example letter in "Exhibit C").
- b) For each steel or iron product incorporated into the project, the Contractor/Utility Owner will be responsible for providing to the Department a completed "**Certificate of Materials Origin**" form (See attached form in "Exhibit B"). The "Certificate of Materials Origin" will list each corporate entity involved in the manufacturing of the steel item from smelting through all fabrication process. In most instances, determination of compliance with Buy America requirements should be achieved prior to incorporating the product into the work. If not, the Resident Engineer will be responsible for withholding payment for this work until compliance has been determined.
- c) Additionally, each Contractor/Utility Owner should maintain a signed mill test report and/or a signed certification by **EACH** supplier, distributor, fabricator, or manufacturer that has handled the steel or iron product affirming that every process, including the application of the coating, performed on the steel or iron project has been carried out in the United States in accordance with the requirements of the corresponding category listed below. The certifications should be maintained by the Contractor/Utility Owner and available for the Department to audit until the project has been accepted by the Department.

- d) The lack of these certifications will be justification for rejection of the steel and/or iron product or nonpayment of the work.
7. a. That no contract with any individual will be entered into without meeting the requirements of the Department's Right-of-Way and Utilities Division Policies and Procedures.
- b. That contract work for technical services, professional services or other labor classifications involved in the rearrangement of the facility proposed under this Agreement will be supported by a statement to the effect that, "The Utility Company is not adequately staffed or equipped to perform such work with its own forces." **Proper approval must be obtained in accordance with the Right-of-Way and Utilities Division Policies and Procedures prior to executing a contract with any outside firm or or continuing contractor.**
8. To submit to the State, within six (6) months after satisfactory completion of rearrangement of their facilities under this Agreement, a claim using *ODOT Claim Form 324A*, with a certified statement of costs in accordance with the provisions of the aforementioned memorandums.

It is understood this Agreement does not change the rights or obligations of the Utility Owner as they exist in accordance with present State Law.

In consideration of the faithful performance by the Utility Owner of the foregoing, the State agrees:

To reimburse the Utility Owner for the actual costs of work completed, prorated on the basis of the following percentage or for the lump sum as proposed:

(1) Utility Owner Share of Cost	100	%.	Estimated Utility Owner Cost	\$ 319,147.92
(2) State Share of Cost	0	%.	Estimated State Cost	\$ 0
<u>OR</u>				
(3) Lump Sum Proposal			State Cost	\$

Nothing herein shall in any way be construed to relieve the Utility Owner from its liability, if any, for payment of a portion of these costs pursuant to 69 O.S. 2001 § 1205, as amended.

IN WITNESS WHEREOF, the parties hereto have caused this Utility Relocation Agreement to be executed by their duly authorized officers on the day and year last below written.

APPROVAL RECOMMENDED:

		<u>City of Chickasha/Chickasha Municipal Authority</u>	
Resident Engineer/Manager	Date	Name: Utility Owner	
Division Engineer	Date	Signature: Utility Owner/Agent	Date
		<u>City Manager/General Manager</u>	
Chief, Right-of-Way & Utilities Division	Date	Title: Utility Owner/Agent	

DEPARTMENT OF TRANSPORTATION FOR THE
STATE OF OKLAHOMA (ACTING FOR AND ON
BEHALF OF THE STATE OF OKLAHOMA)

By: Director Date

(State scope and nature of work in space provided below)

Sanitary Sewer Main Relocation. Existing facility crosses proposed highway at approx. mainline station 490+04. Relocated facility will cross proposed highway at approx. mainline station 460+65. Relocated facility will cross proposed Ramp BB at approx. station 490+80. Relocated facility will cross Ramp DD at approx. station 489+45. Relocated facility will be installed by open trenching and will be backfilled with CLSM under ramp BB and DD. Relocated facility will be uncased under Ramp BB and Ramp DD. Relocated facility will be installed by the dry boring method under mainline and will be installed inside steel casing. See attached drawings for additional information.

FROM: City of Chickasha/Chickasha Municipal Authority
117 North 4th Street
Chickasha, Ok 73018

I hereby certify this project will meet the requirements of Buy America in accordance with the Federal Regulations (23 USC § 313 and 23 CFR § 635.410) and ODOT Special Provision 106-5. Buy America requires all manufacturing processes, including the application of a coating, for all predominantly steel or iron products permanently incorporated into the project shall have occurred in the United States.

“All manufacturing processes” are defined as any process required to change the raw ore or scrap metal into the finished steel or iron product (smelting, rolling, extruding, bending, etc.).

I understand that I must comply with Buy America and provide all required documentation prior to incorporating any steel or iron products into the project. Any noncompliance will be justification for rejection of the steel and/or iron products or nonpayment of the work.

Sincerely:

State of _____)
) §
County of _____)

(SEAL)

My Commission Expires: _____
My Commission No.: _____

CHICKASHA, OK
 US81 REALIGNMENT
 ODOT PROJECT NHPP-226N(069)FP, J/P 24428(06)
 SANITARY SEWER MAIN RELOCATION
 PRELIMINARY COST ESTIMATES

Item	Unit	Est Qty	EUP	Est Total Cost	NOTES
SANITARY SEWER MAIN 1 STA. 490+04					
14" DIP SS MAIN UNCASSED, TRENCHED	LF	689	\$ 125.00	\$ 86,125.00	UNDER RAMPS/BACKFILL W/ CLSM
14" SS MAIN ENCASED, BORED	LF	400	\$ 250.00	\$ 100,000.00	UNDER US81
MANHOLE	EA	3	\$ 5,000.00	\$ 15,000.00	
CLSM BACKFILL	CY	133	\$ 200.00	\$ 26,666.67	
MANHOLE EXTRA DEPTH	VF	15	\$ 250.00	\$ 3,750.00	
CONST TRF CTRL	EA	1	\$ 15,000.00	\$ 15,000.00	
SUBTOTAL				\$ 246,541.67	
15% CONTINGENCY				\$ 36,981.25	
ENGINEERING				\$ 35,625.00	
TOTAL				\$ 319,147.92	CITY BEARS ALL COST

2/28/2019

CHICKASHA MUNICIPAL AUTHORITY

RELOCATION PROPOSAL DRAWINGS

SANITARY SEWER MAIN

FOR
US 81 HIGHWAY REALIGNMENT
ODOT PROJECT NHPP-226N(069)FP
ODOT J/P 24428(06)

JOHN NOBLITT
GENERAL MANAGER
STEVEN ADAMS
LINE MAINTENANCE SUPERVISOR

INDEX OF SHEETS

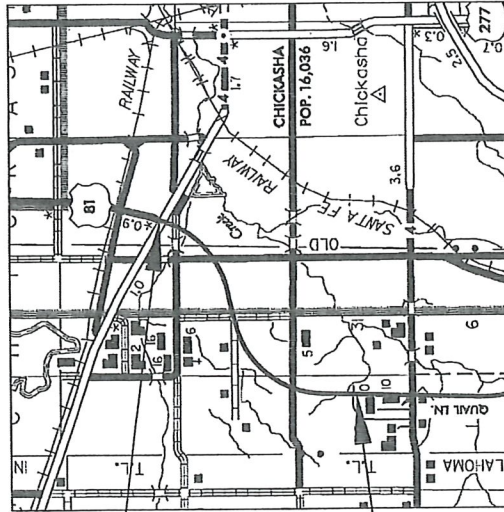
SHEET NUMBER	SHEET TITLE
N/A	TITLE SHEET
R124	SANITARY SEWER PLAN
X277	RAMP BB CROSS-SECTION
X151	MAINLINE CROSS-SECTION
X692	RAMP DD CROSS-SECTION

LOCATION OF
RELOCATION

PROPOSED
US81 HWY
REALIGNMENT

ALL PROJECT LOCATIONS LIE WITHIN THE
CORPORATE LIMITS OF THE CITY OF CHICKASHA.
ALL DRAWINGS HEREINAFTER ARE REPRODUCED
FROM DRAWINGS PROVIDED BY ODOT.

THESE RELOCATIONS ARE SUBMITTED FOR APPROVAL BY
ODOT AND ARE INTENDED TO COMPLY WITH ODOT
UTILITIES POLICIES.



LOCATION MAP

NOTE: ALL STATIONS AND OFFSET
DISTANCES ARE REFERENCED TO
CENTERLINE OF US 81, UNLESS
NOTED OTHERWISE.

DATE: APPROVED BY CHICKASHA MUNICIPAL AUTHORITY

PRELIMINARY DRAWINGS
PENDING ODOT APPROVAL
NOT APPROVED
FOR CONSTRUCTION

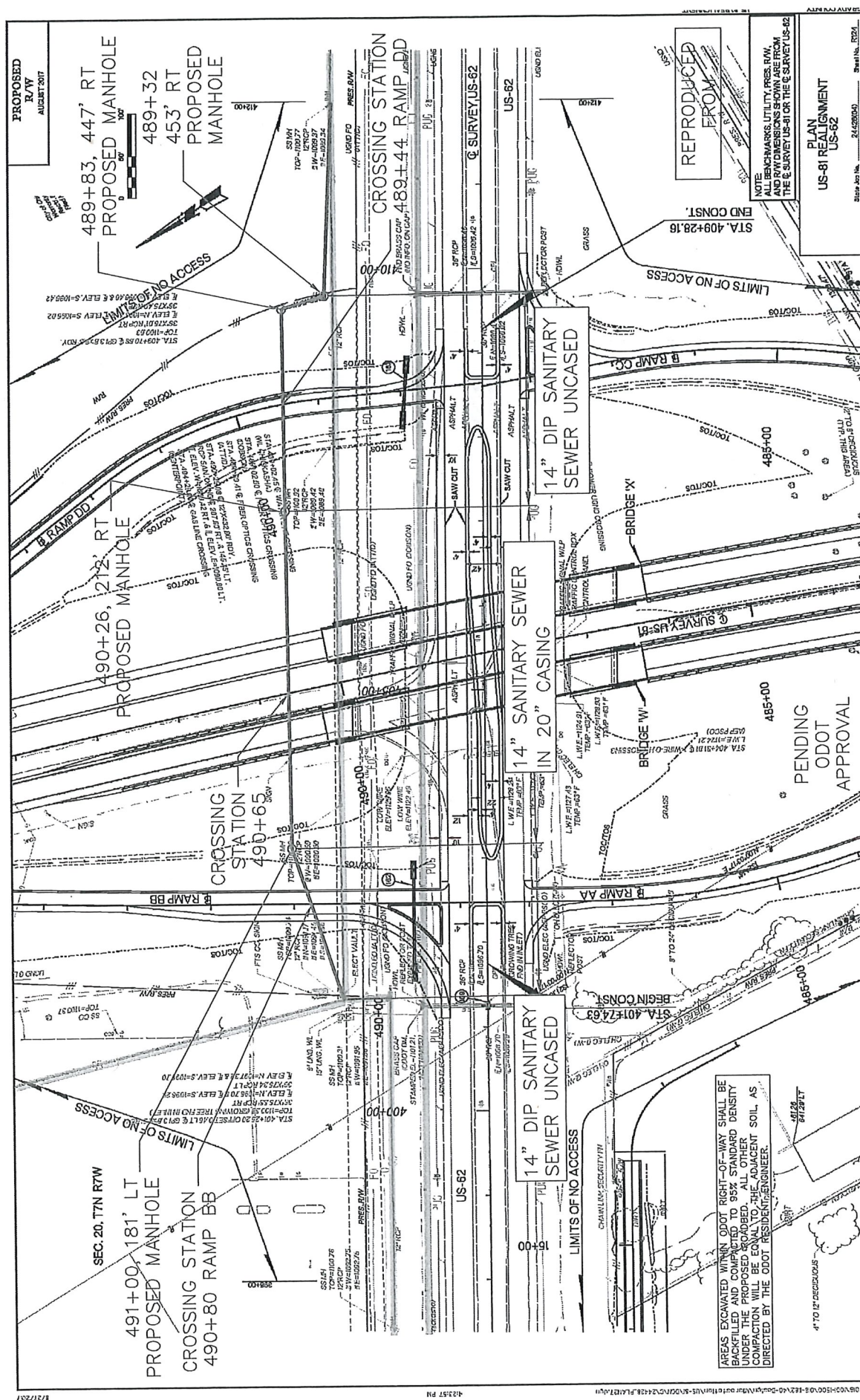


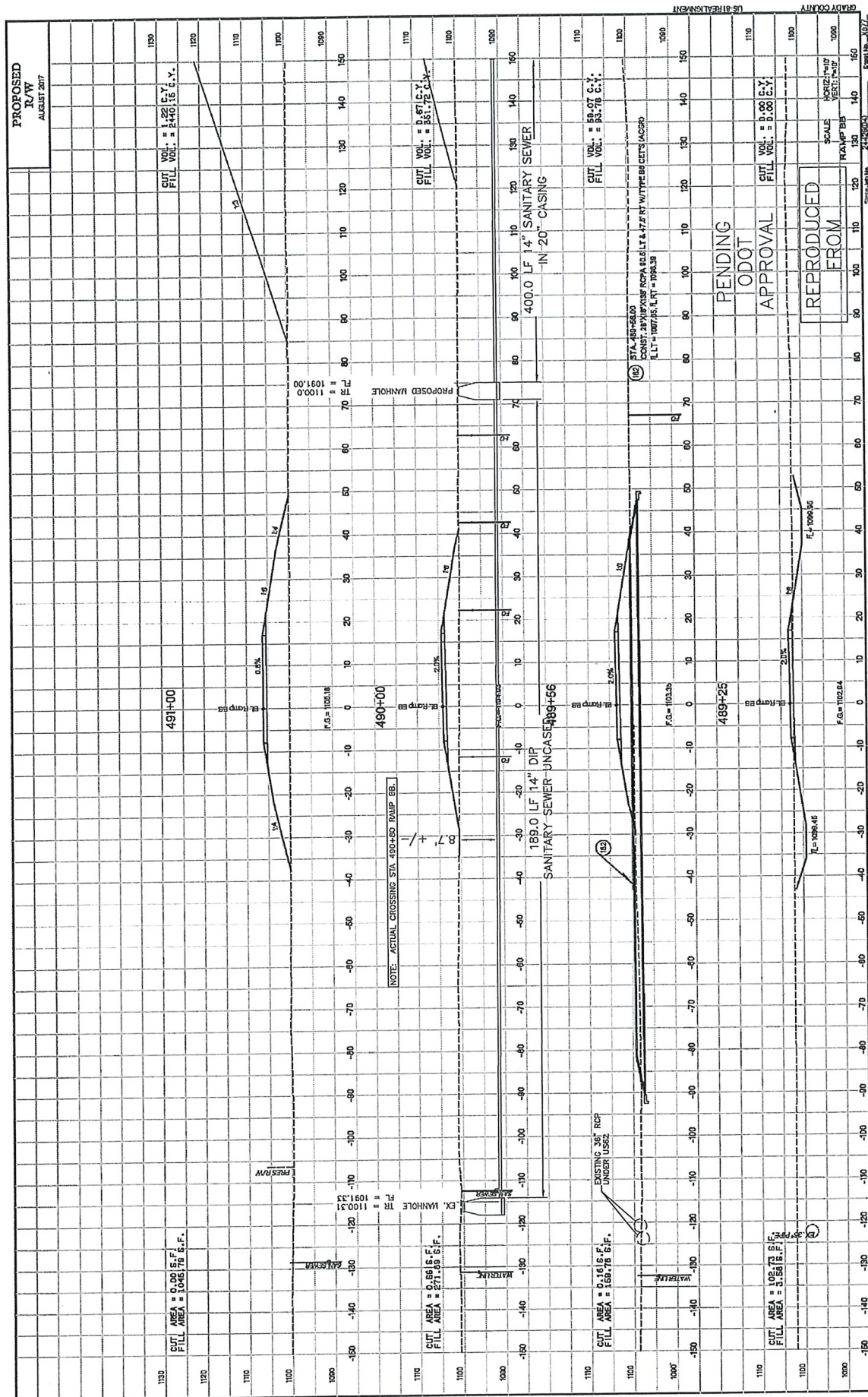
3-3-19 *Randall Scott Vaughn*
DATE RANDALL SCOTT VAUGHN, OKLA. REG. NO. 15194

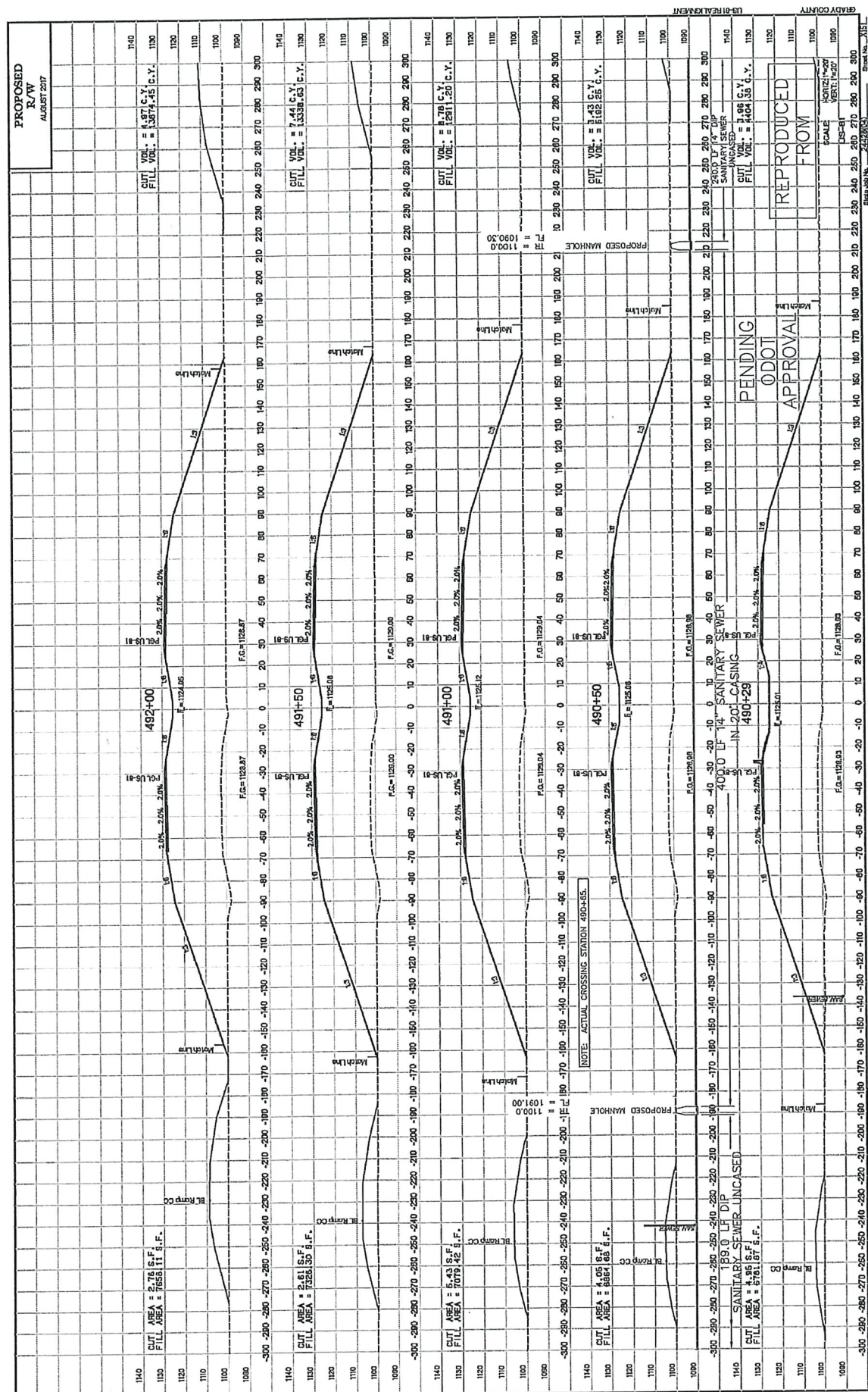
PREPARED BY:

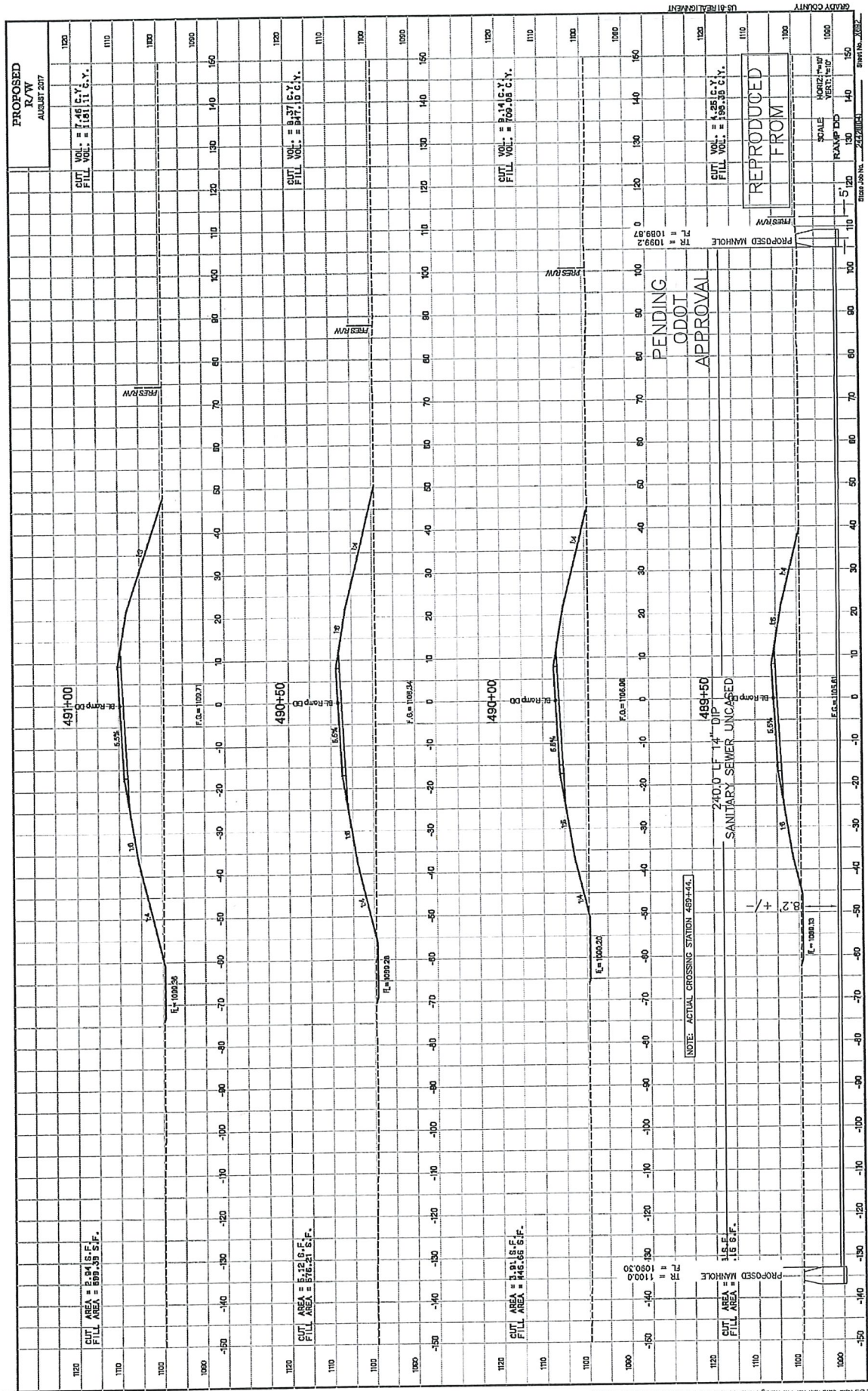
CHISHOLM TRAIL CONSULTING, LLC
OKLA. REG. NO. 7771
2124 SCOTT LANE
DUNCAN, OK 73533
580-467-8130











CHICKASHA MUNICIPAL AUTHORITY

PLAN OF PROPOSED SANITARY SEWER MAIN INSTALLATION TO ACCOMMODATE

US 81 HIGHWAY REALIGNMENT

CMA-2301



PRIOR TO PERFORMING ANY GRADING OR EXCAVATING WORK, THE CONTRACTOR SHALL CALL OKIEB11, THE OKLAHOMA ONE-CALL SYSTEM NOT LESS THAN 48 HOURS IN ADVANCE AND SHALL VERIFY OR ESTABLISH THE EXACT LOCATION AND DEPTH OF ALL UNDERGROUND LINES.

KEITH JOHNSON
GENERAL MANAGER

JIM CROSBY

PUBLIC WORKS DIRECTOR

INDEX OF SHEETS

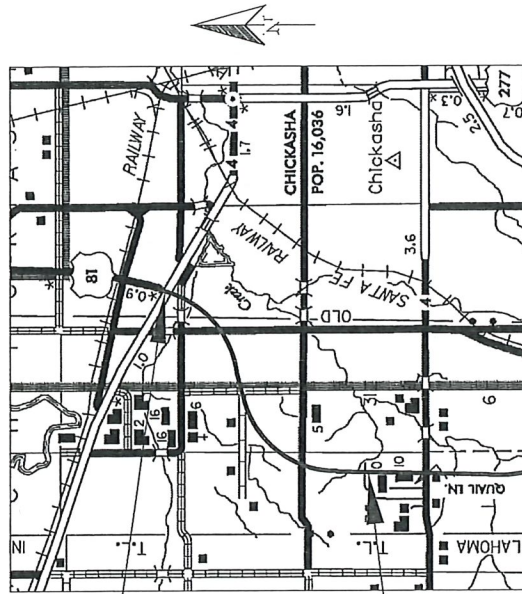
SHEET NUMBER	SHEET TITLE
1	TITLE SHEET
2	PAY ITEMS AND NOTES
3	PLAN AND PROFILE
4	SURVEY DATA
SSM1	SANITARY SEWER MAIN DETAILS
SSM2	SANITARY SEWER MAIN DETAILS
SSM3	SANITARY SEWER MAIN DETAILS
SSM4	SANITARY SEWER MAIN DETAILS
UCPR	UTILITY CUT PAVEMENT REPAIR
PCPR 3.4	P.C. CONCRETE PAVEMENT REPAIR DETAILS

PROJECT LOCATION

JCT US62/US81

PROPOSED
US81 HWY
REALIGNMENT
(BY OTHERS)

PROJECT LOCATION LIES WITHIN THE CORPORATE LIMITS OF THE CITY OF CHICKASHA.



LOCATION MAP

CITY OF CHICKASHA/CHICKASHA MUNICIPAL AUTHORITY STANDARDS AND SPECIFICATIONS, OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY RULES AND REGULATIONS AND OKLAHOMA DEPARTMENT OF TRANSPORTATION UTILITIES POLICIES, ODOT-APPROVED UTILITY RELOCATION PROPOSALS AND DETAILS PROVIDED HEREIN SHALL GOVERN THE WORK.

NOTE: ALL SURVEY INFORMATION IS BASED ON INFORMATION PROVIDED BY ODOT, AND SUPPLEMENTED BY SECTION 37 SURVEYING MAPPED.

DATE APPROVED BY CHICKASHA MUNICIPAL AUTHORITY

DRAFT FINAL DRAWINGS
NOT APPROVED
FOR CONSTRUCTION

DATE RANDALL SCOTT VAUGHN, OKLA. REG. NO. 15194

PREPARED BY:



CHISHOLM TRAIL CONSULTING, LLC
OK CA 7771
2124 SCOTT LANE
DUNCAN, OK 73533
580-467-8130

GENERAL CONSTRUCTION NOTES

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF CHICKASHA STANDARD SPECIFICATIONS, ODEQ REGULATIONS, OKLAHOMA DEPARTMENT OF TRANSPORTATION UTILITY RELOCATION REQUIREMENTS AND THE CONSTRUCTION DRAWINGS.

ALL COSTS OF MAINTENANCE DURING CONSTRUCTION AND BEFORE THE PROJECT IS ACCEPTED SHALL BE INCLUDED IN THE UNIT PRICES BID ON THE VARIOUS PAY ITEMS. THE CONTRACTOR SHALL MAINTAIN THE WORK DURING CONSTRUCTION AND UNTIL THE PROJECT IS ACCEPTED. THIS MAINTENANCE SHALL CONSTITUTE CONTINUOUS AND EFFECTIVE WORK PROSECUTED DAY BY DAY, WITH ADEQUATE EQUIPMENT AND FORCES TO THE END THAT THE WORK SITE, PRIVATE PROPERTY AND STRUCTURES ARE KEPT IN A SATISFACTORY CONDITION AT ALL TIMES. IF THE CONTRACTOR, AT ANY TIME, FAILS TO COMPLY WITH THESE PROVISIONS, THE OWNER'S REPRESENTATIVE MAY IMMEDIATELY NOTIFY THE CONTRACTOR OF SUCH NON-COMPLIANCE. IF THE CONTRACTOR FAILS TO REMEDY UNSATISFACTORY MAINTENANCE WITHIN 24 HOURS AFTER RECEIPT OF SUCH NOTICE, THE OWNER MAY IMMEDIATELY PROCEED TO MAINTAIN THE PROJECT, AND THE ENTIRE COST OF THIS MAINTENANCE WILL BE DEDUCTED FROM MONIES DUES OR BECOME DUE TO THE CONTRACTOR ON THIS CONTRACT.

THE CONTRACTOR SHALL NOTIFY THE CITY OF CHICKASHA IN WRITING A MINIMUM OF TWO WEEKS AND NO MORE THAN 30 DAYS PRIOR TO STARTING WORK.

THE CONTRACTOR SHALL NOTIFY THE CITY OF CHICKASHA IN WRITING A MINIMUM OF FIVE (5) DAYS AND A MAXIMUM OF TEN (10) DAYS PRIOR TO THE CLOSING OF ANY CITY STREET OR ROAD, INCLUDING LANE CLOSURES.

THE PROJECT SHALL BE COMPLETED WITHOUT CLOSING ANY PORTION OF US HIGHWAY 62 OR US HIGHWAY 61 TO TRAFFIC. CONSTRUCTION TRAFFIC CONTROL SHALL BE INSTALLED ON US HIGHWAY 62 AND ON US HIGHWAY 61 TO INDICATE THAT UTILITY WORK IS TAKING PLACE, IN ACCORDANCE WITH ODOT REQUIREMENTS.

CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL RESIDENTS, OCCUPANTS OR BUSINESSES THAT MAY BE AFFECTED BY THE WORK, SAID WRITTEN NOTICE SHALL BE DELIVERED NO LESS THAN 48 HOURS, NOR MORE THAN 2 WEEKS PRIOR TO THE START TIME OF ANY DISRUPTION. THE WRITTEN FORM MAY BE "DOOR HANGERS", BUT IN ANY EVENT SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER PRIOR TO USE. AT A MINIMUM THE FORM SHALL CONTAIN: PROJECT IDENTIFICATION, CONTRACTOR NAME, CONTRACTOR ADDRESS, CONTRACTOR TELEPHONE NUMBER, TYPE OF CONSTRUCTION, REASON FOR AFFECTING OR DISRUPTING SERVICE AND DURATION OF SUCH.

REVISIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION SUBJECT TO THE REVISION.

IN THE EVENT ANY PORTION OF A PUBLIC STREET IS CLOSED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES. CONSTRUCTION TRAFFIC CONTROL SHALL BE DONE ACCORDING TO THE STANDARDS SET FORTH IN THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE ADEQUATE DRAINAGE DURING CONSTRUCTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, PARKING AREAS, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, SIGNS, GUARDRAIL, SLOPES OR OTHER FEATURES SHALL BE REPAIRED AT CONTRACTORS EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

THE PROJECT SHALL BE CONSTRUCTED TO MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES.

GENERAL CONSTRUCTION NOTES (CONT.)

THE DRIVEWAY AT 412-34 MAY BE LIMITED TO ONE LANE OF TRAVEL FOR A MAXIMUM AGGREGATE TIME OF 10 CALENDAR DAYS. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER OF THE CHICKASHA TRUCK PLAZA. CONTRACTOR SHALL INSTALL AND MAINTAIN APPROPRIATE TRAFFIC CONTROL DEVICES DURING THE WORK.

BIDDERS SHALL FULLY INFORM THEMSELVES OF THE NATURE OF THE WORK AND CONDITIONS UNDER WHICH IT WILL BE PERFORMED. THE CONTRACTOR SHALL ADOPT METHODS CONSISTENT WITH GOOD CONSTRUCTION PRACTICE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT DAMAGE IN EXISTING RIGHT-OF-WAY. ANY DAMAGE DONE DUE TO CONTRACTOR'S NEGLIGENCE SHALL BE PREPARED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

THE PRICE BID ON ALL ITEMS SHALL INCLUDE ALL MATERIALS, LABOR, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN ON THE PLANS.

EXISTING UTILITIES MAY OR MAY NOT BE SHOWN ON PLAN SHEETS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INFLECTED TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF THEIR DIGGING, TRENCHING, BORING, ETC.... PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL THE "OKIE 811" NOTIFICATION CENTER FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION. THE "OKIE 811" NOTIFICATION CENTER MAY BE NOTIFIED ONLINE AT okie811.org, BY CALLING 811 OR 1-800-522-6543. DEPTH OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

ALL BIDDERS AND THE SUCCESSFUL CONTRACTOR ARE HEREBY ADVISED THAT OTHER WORK TO EXISTING UTILITIES MAY BE TAKING PLACE WITHIN THE EXISTING RIGHT-OF-WAY DURING CONSTRUCTION OF THIS PROJECT.

SANITARY SEWER MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF OKLAHOMA ADMINISTRATIVE CODE 252-656 AND THE SPECIFICATIONS AND DETAILS PROVIDED.

AREAS EXCAVATED WITHIN ODOT RIGHT-OF-WAY UNDER THE PROPOSED ROADBED SHALL BE BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM), MEETING THE REQUIREMENTS OF ODOT SPECIFICATIONS. ALL OTHER AREAS WITHIN ODOT RIGHT-OF-WAY SHALL BE BACKFILLED WITH NATIVE SOIL AND COMPACTED TO A CONDITION EQUAL TO THE ADJACENT SOIL, AS DIRECTED BY THE ODOT RESIDENT ENGINEER.

PAY ITEM NOTES (CONTINUED):

(10) PAY ITEM IS FOR REPLACEMENT OF EXISTING CONCRETE PAVEMENT AND CURB FROM APPROXIMATE STATION 412+10 TO 412+40. REFER TO DRAWINGS FOR DETAILS.

(11) PAY ITEM IS FOR REMOVAL OF EXISTING LIGHT POLE AND FOR RELOCATING SAME OUTSIDE OF THE PROPOSED EASEMENT. UNIT PRICE BID WILL INCLUDE ALL COST OF MATERIALS, LABOR AND EQUIPMENT FOR FOOTINGS, ELECTRICAL WIRING AND REUSE OF EXISTING LIGHT POLE.

(12) PAY ITEM IS FOR INSTALLATION, MAINTENANCE AND REMOVAL UPON COMPLETION OF NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH ODOT REQUIREMENTS AND MUTCD REQUIREMENTS.

PAY ITEM	PAY ITEM DESCRIPTION	UNITS	EST QTY
SUMMARY OF QUANTITIES			
1	14" DIP SANITARY SEWER MAN. BY TRENCHING	(1) LF	710
2	14" DIP SANITARY SEWER MAN. BORED/CASED	(2) LF	400
3	SANITARY SEWER MANHOLE, INSTALLED	(3) EA	4
4	CONTROLLED LOW STRENGTH MATERIAL	(4) CY	220
5	SEWER FLOW CONTROL	(5) LSUM	1
6	ABANDON SEWER MAN (INCL. PLUG AND GROUT)	(6) CY	38
7	LEAKAGE TESTING	(7) LSUM	1
8	DEFLECTION TESTING	(8) LSUM	1
9	DEMOLITION/REMOVALS	(9) LSUM	1
10	P.C. PAVEMENT REPAIR	(10) SY	27
11	LIGHT POLE REMOVAL AND RESET	(11) EA	1
12	CONSTRUCTION TRAFFIC CONTROL	(12) LSUM	1

PAY ITEM NOTES:

(1) PAY ITEM IS FOR 14" ID., THICKNESS CLASS 52 DUCTILE IRON PIPE INSTALLED COMPLETE. REFER TO SECTIONS 600, 610 AND 650 AND THESE DRAWINGS. PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF TRENCH EXCAVATION, TEMPORARY SHORING, DEWATERING IF NECESSARY AND BACKFILL, EXCEPT WHERE CLSM IS USED FOR BACKFILL.

(2) PAY ITEM IS FOR 14" ID., THICKNESS CLASS 52 DUCTILE IRON PIPE INSTALLED BY DRY BORING INSIDE STEEL CASING PIPE, INSTALLED COMPLETE. REFER TO SECTIONS 600, 610, 620 AND 654 AND THESE DRAWINGS. PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF EXCAVATING, TEMPORARY SHORING AND BACKFILLING BORE PITS.

(3) PAY ITEM IS FOR MANHOLES, INSTALLED COMPLETE. REFER TO SECTIONS 600, 626 AND 627 AND THESE DRAWINGS. PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF EXCAVATION, TEMPORARY SHORING AND BACKFILLING AT MANHOLES.

(4) PAY ITEM IS FOR PLACING CONTROLLED LOW STRENGTH MATERIAL (CLSM) AS BACKFILL AT ALL DESIGNATED LOCATIONS. COMPLETE. CLSM SHALL MEET THE REQUIREMENTS OF ODOT SPECIFICATIONS SECTION 801. USE OF CLSM OUTSIDE THE MAXIMUM TRENCH WIDTH WILL BE AT THE EXPENSE OF THE CONTRACTOR.

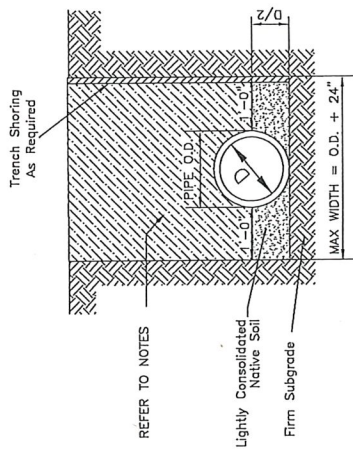
(5) PAY ITEM IS FOR TEMPORARY SEWER FLOW CONTROL, INCLUDING TEMPORARY BYPASS PUMPING, IF NEEDED, AS DETERMINED BY THE OWNER'S REPRESENTATIVE REFER TO SECTION 616.

(6) PAY ITEM IS FOR ABANDONING, CLEANING, GROUTING AND PLUGGING EXISTING SANITARY SEWER MAINS AND MANHOLES COMPLETE. REFER TO SECTION 614. MANHOLES SHALL BE REMOVED TO A MINIMUM OF FOUR (4) FEET BELOW EXISTING GROUND LINE AND BACKFILLED WITH NATIVE SOIL IN ACCORDANCE WITH SECTION 610.

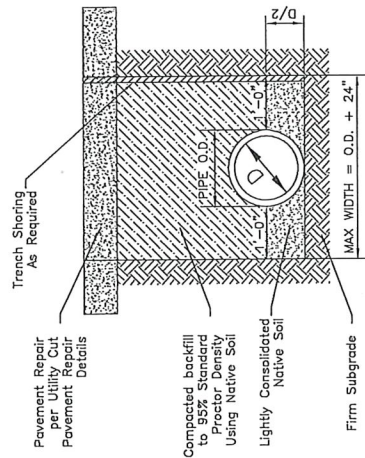
(7) PAY ITEM IS FOR LEAKAGE TESTING OF ALL NEW SANITARY SEWER PIPE AND MANHOLES IN ACCORDANCE WITH ODEQ REGULATIONS AND THE SPECIFICATIONS. REFER TO SECTION 625.

(8) PAY ITEM IS FOR DEFLECTION TESTING OF ALL NEW SANITARY SEWER PIPE IN ACCORDANCE WITH ODEQ REGULATIONS AND THE SPECIFICATIONS. REFER TO SECTION 623.

(9) PAY ITEM IS FOR DEMOLITION AND REMOVAL OF EXISTING VAULT AT APPROXIMATE STATION 401+30, AND FOR AN ESTIMATED 27.0 CY CONCRETE PAVEMENT AND AN ESTIMATED QUANTITY OF 16.0LF OF CURB FROM APPROXIMATE STATION 412+10 TO 412+40. PRICE BID SHALL INCLUDE COST OF PRESERVING EXISTING SIGN.



RIGID PIPE TYPICAL



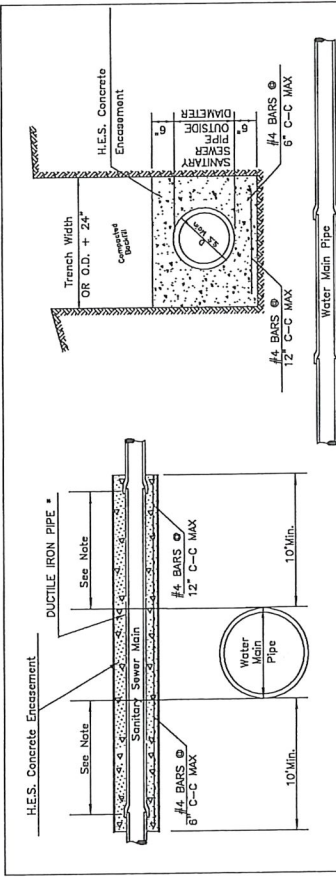
RIGID PIPE UNDER PAVEMENTS

TRENCH TYPICALS

NOTES

1. ONLY RIGID PIPE WILL BE PERMITTED ON THIS PROJECT PER ODOT REQUIREMENTS.
2. RIGID PIPE SHALL BE DUCTILE IRON PIPE, THICKNESS CLASS 52, AS DEFINED BY AWWA C151.
3. PIPE PLACED BY TRENCHING SHALL BE PLACED IN ACCORDANCE WITH AWWA C150, TABLE 2, LAYING CONDITION TYPE 2.
4. COST OF TRENCHING, TEMPORARY SHORING, DEWATERING AND BACKFILLING WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
5. COST OF EXCAVATION, TEMPORARY SHORING, DEWATERING AND BACKFILLING OF ALL BORE PITS WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
6. COST OF EXCAVATION, TEMPORARY SHORING, DEWATERING AND BACKFILLING AT ALL MANHOLES TO BE ABANDONED WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
7. AREAS EXCAVATED WITHIN ODOT RIGHT-OF-WAY UNDER THE PROPOSED ROADBED SHALL BE BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM), MEETING THE REQUIREMENTS OF ODOT SPECIFICATIONS. USE OF CLSM IN THESE AREAS WILL BE MEASURED AND PAID FOR SEPARATELY. ALL OTHER AREAS WITHIN ODOT RIGHT-OF-WAY SHALL BE BACKFILLED WITH NATIVE SOIL AND COMPACTED TO A CONTROLLING AGENCY OR THE ADJACENT SOIL, AS DIRECTED BY THE ODOT RESIDENT ENGINEER.
8. THE CONTRACTOR MAY USE CLSM AT AREAS OTHER THAN THOSE DESIGNATED ON THE PLANS, IF APPROVED BY THE OWNER'S REPRESENTATIVE. USE OF CLSM OUTSIDE THE MAXIMUM TRENCH WIDTH WILL BE AT THE EXPENSE OF THE CONTRACTOR. ANY SUCH USE WILL BE CONSIDERED AS A MATTER OF CONVENIENCE TO THE CONTRACTOR AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY.
9. REFER TO THE SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIREMENTS NOT LISTED HEREIN.

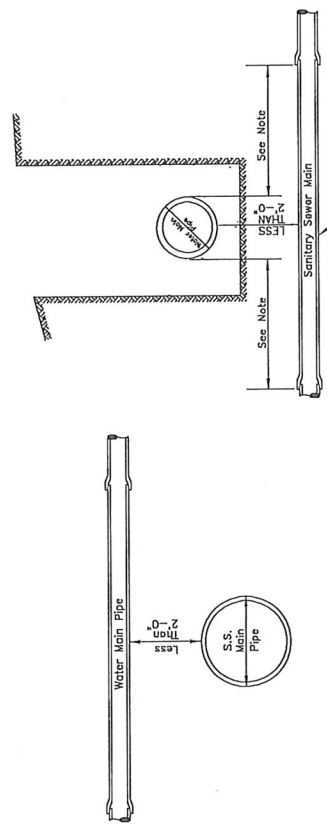
TRENCH WIDTHS		
NOMINAL PIPE DIAMETER (INCHES)	MINIMUM TRENCH WIDTH (INCHES)	MAXIMUM TRENCH WIDTH (INCHES)
8	22	33
10	24	36
12	28	38
14	32	40



NOTE: CONCRETE ENGAGEMENT IS TO EXTEND 4-INCHES PAST THE NEAREST JOINT AT OR BEYOND THE 10-FOOT MINIMUM SHOWN. REINFORCEMENT STEEL SHALL HAVE TWO INCHES OF CONCRETE COVER. THE ENGINEER MAY APPROVE OTHER MEANS OF STRUCTURAL SUPPORT OF THE SANITARY SEWER MAIN.

*NOTE: IF CLEARANCE BETWEEN WATER MAIN AND SS MAIN IS LESS THAN 2 FEET DUCTILE IRON PIPE TO BE CENTERED OVER WATER LINE SO THAT JOINTS ARE PLACED EQUAL DISTANCE FROM CROSSING AS SHOWN.

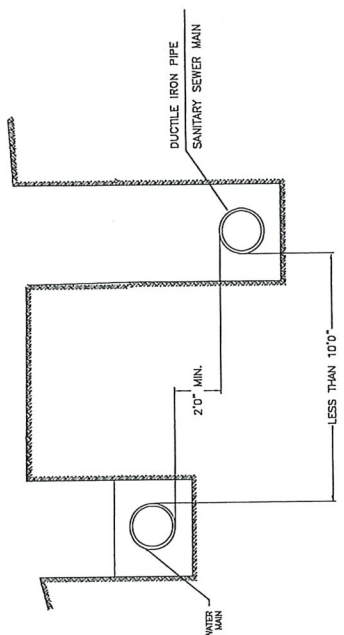
TYPICAL SECTIONS FOR WATER MAIN BELOW SEWER MAIN



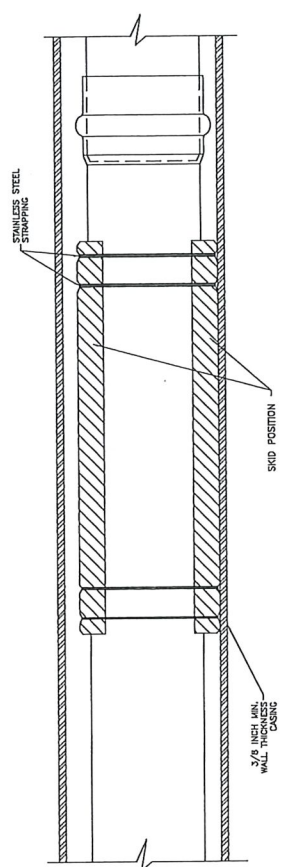
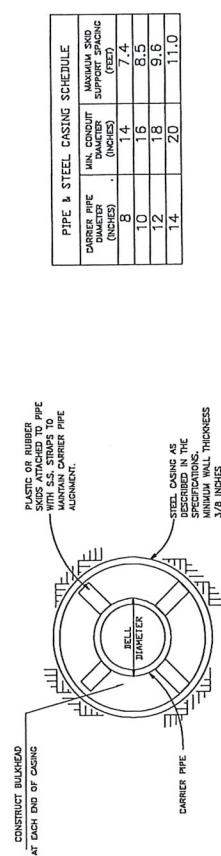
NOTE: DUCTILE IRON PIPE TO BE CENTERED UNDER WATER LINE SO THAT JOINTS ARE PLACED EQUAL DISTANCE FROM CROSSING AS SHOWN.

TYPICAL SECTIONS FOR WATER MAIN LESS THAN 2-FOOT ABOVE SEWER MAIN

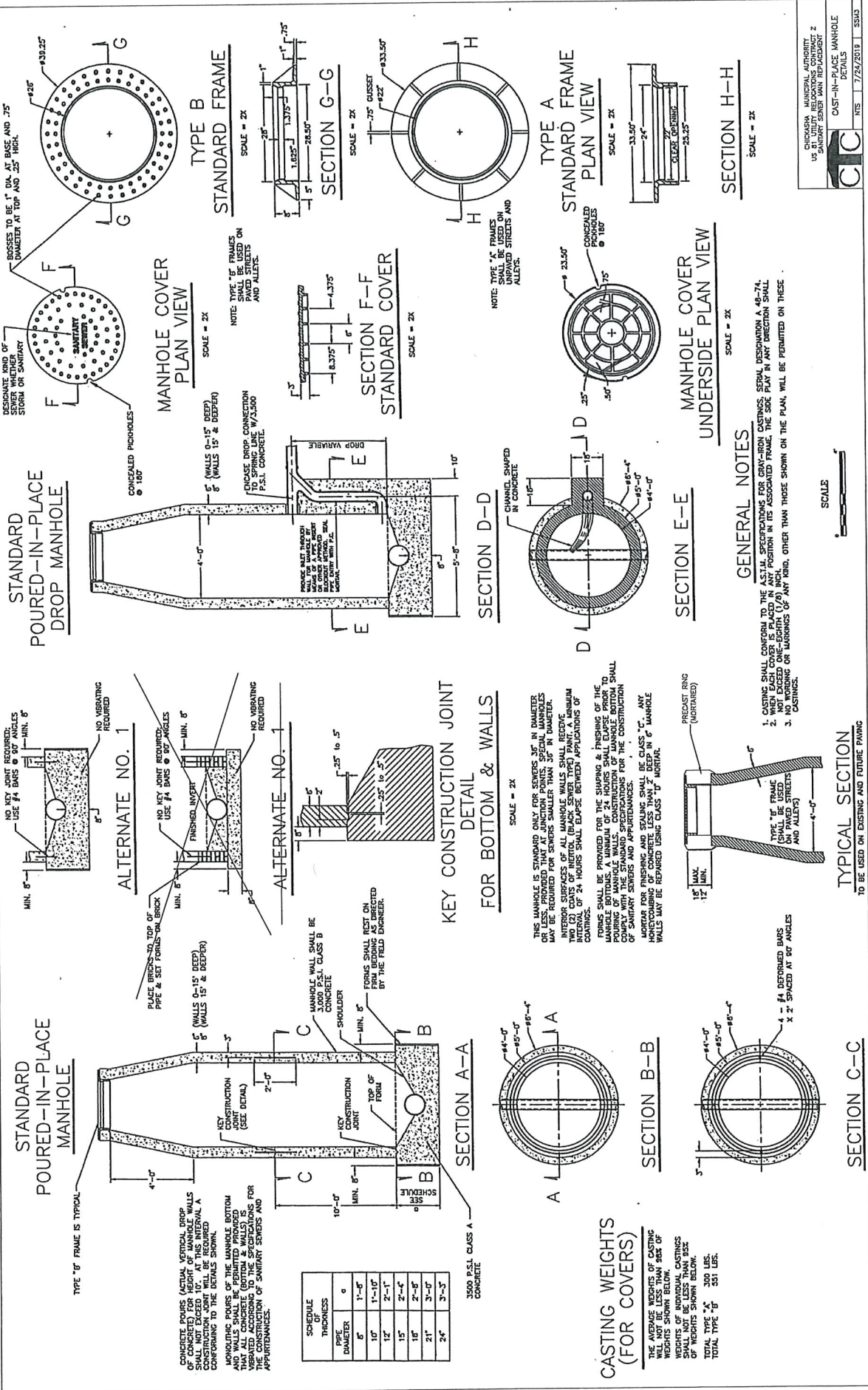
WATER LINE AND SEWER CROSSINGS



WATER AND SEWER LINES WITH HORIZONTAL CLEARANCE OF LESS THAN TEN FEET

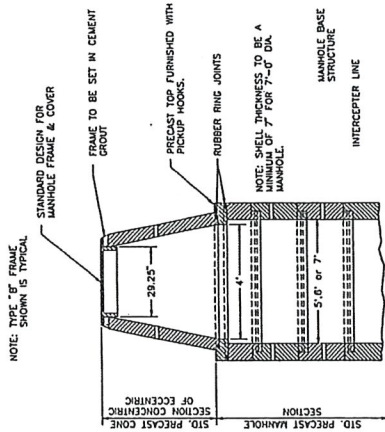


BORING AND CASING

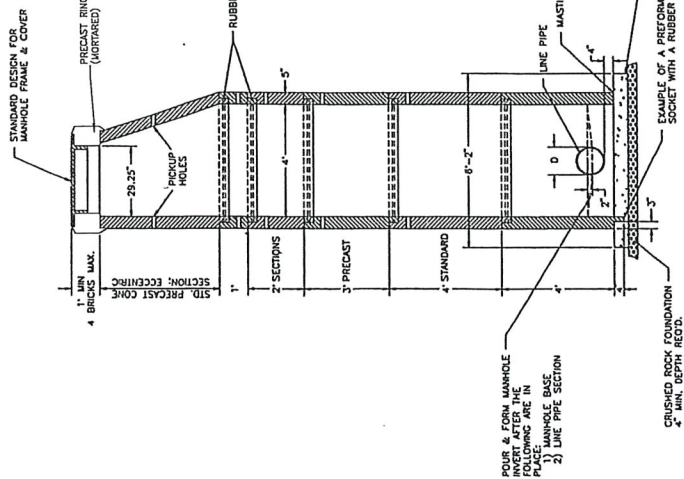
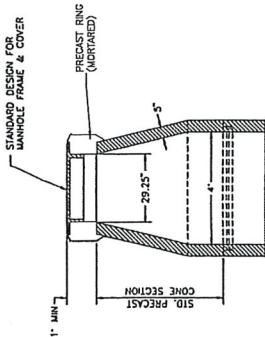


GENERAL NOTES

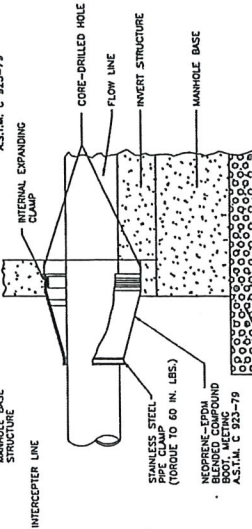
1. ALL PRECAST COMPONENTS SHALL BE REINFORCED WITH THE RESPECTIVE A.S.T.M. SPECIFICATIONS. (C-478-72)
2. REINFORCING SHALL BE PLACED IN THE PRECAST COMPONENTS IN ACCORDANCE WITH THE FOLLOWING:
3. ALL LIFTING HOLES SHALL BE REPAIRED WITH A MIXTURE OF CEMENT AND SAND AND FINELY RAGGED.
4. ALL LIFTING HOLES SHALL BE REPAIRED WITH A MIXTURE OF CEMENT AND SAND AND FINELY RAGGED.
5. APPROVED COALS SHALL BE USED FOR THE MANHOLE AND CONE SECTIONS SHALL BE COATED WITH TWO COATS OF INERTOL OR APPROVED COAL.
6. ALL MANHOLE FOR HANDWORK SHALL CONFORM TO STANDARD SPECIFICATIONS.
7. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE IN MANHOLE AND CONE SECTIONS SHALL BE 4,000 P.S.I.



4'-0" DIAMETER MANHOLE (Concentric Cone)



TYPICAL BASE DETAILS 4'-0" DIAMETER MANHOLE (Eccentric Cone)

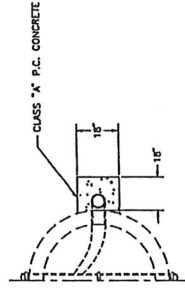


SUGGESTED PIPE	HOLE & BOOT	DIAMETER	DIMENSIONS
3.5" - 4.5"	7"	6.125"	4.25" 6"
5.75" - 7.0"	12"	10.035"	6.5" 8"
8.125" - 9.75"	12"	10.035"	8.25" 8"
9.25" - 11.0"	16"	14.075"	10.5" 8"
10.75" - 12.5"	16"	14.075"	12" 8"
12.0" - 12.75"	20"	18.075"	13.25" 8"
14.5" - 16.25"	20"	18.075"	17" 8"
15.75" - 17.5"	24"	22.075"	20.75" 8"

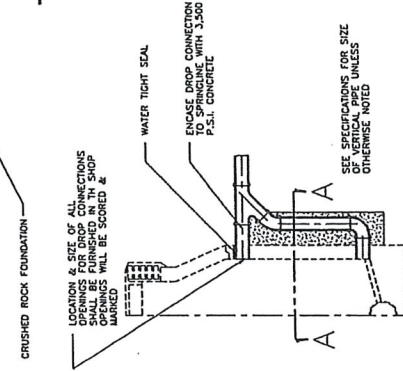
NOTE: ALL CLAMPS SHALL BE STAINLESS STEEL.

PIPE INSTALLATION DETAIL

NOT TO SCALE

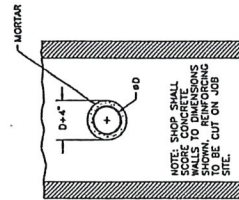


SECTION A-A

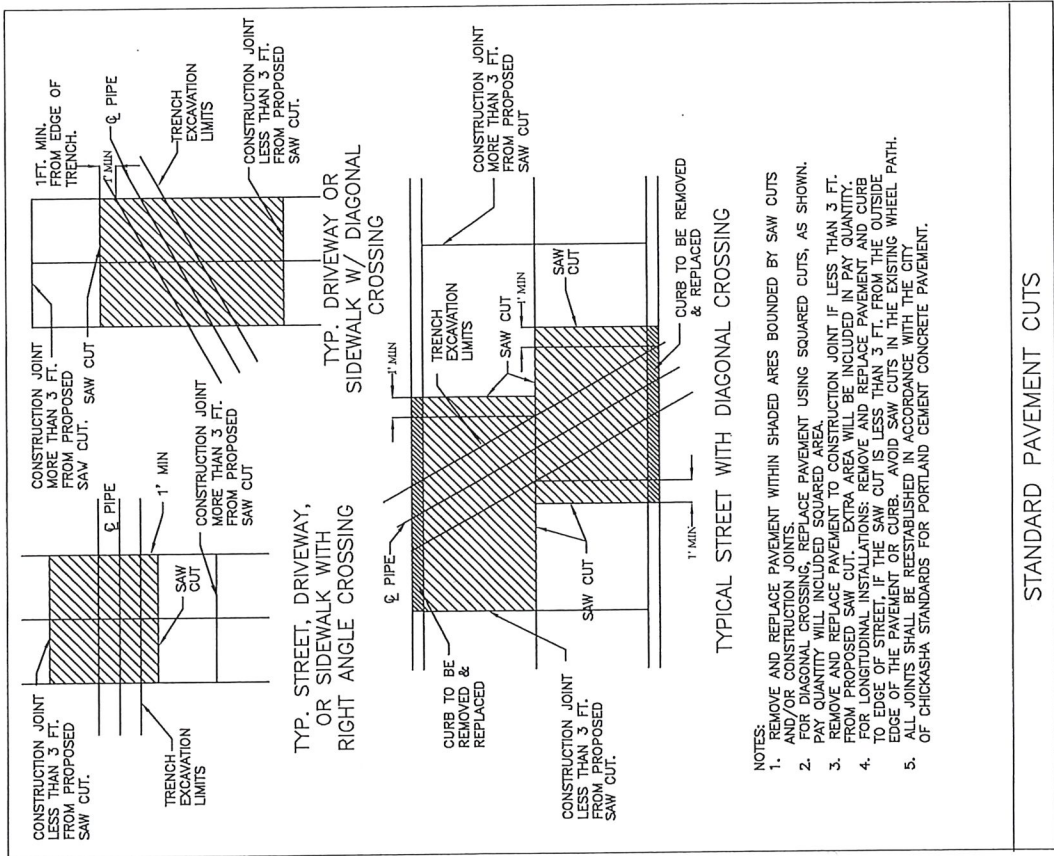


DROP MANHOLE CONNECTION

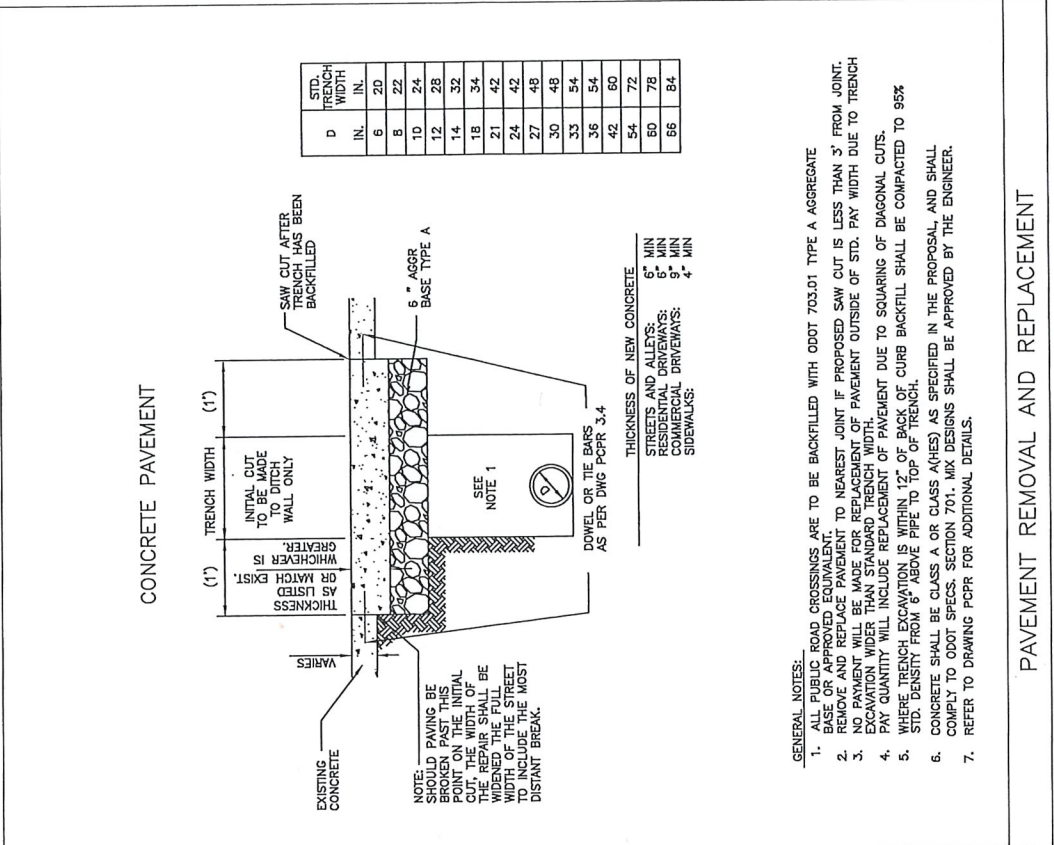
PIPE CONNECTION DETAILS



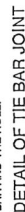
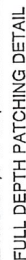
MANHOLE BOTTOM WILL BE POURED OR PRECAST PRECAST SHALL BE MORTARED TO THE CRUSHED ROCK FOUNDATION WITH MASTIC SEALER OR 1) FLAT PRECAST WITH MASTIC SEALER TO ACCEPT A RUBBER RING.



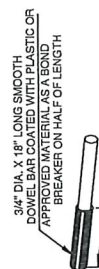
STANDARD PAVEMENT CUTS



PAVEMENT REMOVAL AND REPLACEMENT



- LONGITUDINAL JOINT - TIE BARS - NO. 4 DEFORMED REINFORCING STEEL BARS, 24" LONG, SHALL BE EPOXIED INTO 3/4" DIA. (MAX.) DRILLED HOLES AT 30" C/C. TIED LONGIT. JOINT SHALL BE SAWN AND SEALED.
- TRANSVERSE JOINT - TIE BARS NO. 4 DEFORMED REINFORCING STEEL BAR, 18" LONG, SHALL BE EPOXIED INTO 3/4" DIA. (MAX.) DRILLED HOLES AT 18" C/C. FULL WIDTH, TRANSVERSE, TIED JOINTS SHALL NOT BE SAWN OR SEALED. SEE NOTE (☆☆☆☆)



DETAIL OF DOWEL BAR W/CAP
3/4" DIAM. DOWELS FOR 6" PAVEMENTS.

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH CDOT 2009 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
2. COST OF SAWING AND REMOVAL OF PAVEMENT FOR FULL OR PARTIAL DEPTH PATCHING TO BE INCLUDED IN THE PRICE BID FOR H.E.S. CONCRETE PATCHING UNLESS OTHERWISE SHOWN ON THE PATCHING.
3. COST OF THE SHOULDER, ADJACENT TO PROPOSED PATCH MAY BE REMOVED AS NECESSARY TO INSURE PROPER FORMING FOR EDGE OF PATCH. COST OF SHOULDER REPLACEMENT TO BE INCLUDED IN THE PRICE BID FOR THE PATCH.
4. COST OF POWEL BARS, THE BARS, EPOXY AND ANY INCIDENTALS TO BE INCLUDED IN THE PRICE BID FOR THE PATCHING.
5. BID FOR H.E.S. CONCRETE PATCHING SHALL BE FULL DEPTH PATCHING.

BASE REPAIR AND PREPARATION

[illegible]

SEQUENCE OF OPERATIONS FOR JOINT REHABILITATION

- 1) SAW FURTHER LONGITUDINAL JOINTS TO WIDTH AND DEPTH REQUIRED. (INITIAL AND FINAL)
- 2) SAW FURTHER LONGITUDINAL JOINTS TO WIDTH AND DEPTH REQUIRED. USE ROADWAY STANDARD LEGS FOR DETAILS.
- 3) BLOW OUT JOINT WITH COMPRESSED AIR IMMEDIATELY AFTER SAWING.
- 4) SAND BLAST JOINT, BLOW CLEAN AND IMMEDIATELY PLACE BACKER ROD.
- 5) BLOW JOINT CLEAN WITH COMPRESSED AIR AND FILL CLEAN JOINT WITH SEALANT WITHIN 2 MINUTES.
- 6) ALLOW 24 HOURS TIME FOR SILICONE SEALANT.
- 7) BID ITEM FOR JOINT REHABILITATION WILL INCLUDE SAWING, CLEANING OF JOINT, SEALANT, AND ANY MATERIALS REQUIRED TO COMPLETE THE WORK.

REIE PATCHING

- (1) AREAS TO BE PATCHED WILL BE DESIGNATED BY THE ENGINEER.
- (2) FOR REMOVAL OF FULL DEPTH PATCHES, SAWING IS TO BE FULL DEPTH, LIFT OUT DAMAGED PAVEMENT WHENEVER PRACTICAL.

STEP 2

- (INITIAL)
- 1) INITIAL CUT AND SUBSEQUENT SEALING SHALL BEGIN AT THE HIGH EDGE OF THE DRIVE LOW EDGE
- 2) SEE SEQUENCE OF OPERATIONS FOR JOINT REHABILITATION THIS SHEET AND APPLICABLE SPECIAL PROVISIONS.
- 3) SEE SEQUENCE OF OPERATIONS FOR JOINT REHABILITATION THIS SHEET AND APPLICABLE SPECIAL PROVISIONS.

STEP 3 JOINT REHABILITATION

- (FINAL)
- 1) FINAL JOINT CUT SHALL BEGIN AT THE LOW EDGE OF THE DRIVING LANES AND MOVE TOWARD THE INITIAL JOINT.
- 2) INSTALLATION OF BOND BREAKER

BASIS OF PAYMENT			
ITEM NO.	ITEM	UNIT	
202.06 (C)	UNCLASSED EXCAVATION	CU.YD.	
414.06 (B)	H.E.S. CONCRETE (FULL DEPTH PATCHING)	SQ.YD.	
	CONCRETE JOINT REHABILITATION	LF.	
419.08	DIAMOND GRINDING CONCRETE PAVEMENT	SQ.YD.	
425.08	CORDED HOLES	EA.	
426.06 (B)	PORTLAND CEMENT	TON	
428.06 (C)	4" ASH	TON	

CHICKASHA MUNICIPAL AUTHORITY US 01 UTILITY RELOCATIONS CONTRACT 2 SANITARY SEWER MAIN REPLACEMENT	P.C. CONCRETE PAVEMENT REPAIR DETAILS	
	SHEET NO. 12 OF 12 DATE 12/1/01	DRAWN BY J.A.



CHISHOLM TRAIL CONSULTING, LLC

R. Scott Vaughn, P.E., CFM
Professional Engineering Services
580-467-8130
rscottv11@gmail.com

ADDENDUM #1

DATE: February 14, 2023

PROJECT: Chickasha Municipal Authority
RFP CMA-2301 – SANITARY SEWER MAIN REPLACEMENT

This Addendum clarifies, corrects or changes the Bid Documents or Contract Requirements as noted:

1. This item establishes Alternate Bid Number 1 to provide quantities for an alternate alignment. Awarding Alternate Bid Number 1 for this alternate alignment is contingent upon approval by ODOT of the relocation design revision and the Owner obtaining the necessary easement. Bidders shall bid both the Base Bid and the Alternate Bid. The Owner reserves the right to award either the Base Bid or the Alternate Bid.

The alternate alignment entails eliminating Manhole 4 (MH 4) and building sanitary sewer main directly from Manhole 3 (MH 3) to the Existing Manhole at 412+34.42. The general layout of this alternate alignment is depicted in red on the attached drawing. If this alternate alignment is awarded, the construction drawings will be revised accordingly.

2. The Bid Schedule has been revised (copy attached). All Bidders shall use the REVISED BID SCHEDULE. The Bid Schedule has been revised to address two items:

- a. Adding Alternate Bid Number 1 to reflect quantities for the alternate alignment listed in item 1 above.
- b. Adding a pay item for Sign Preservation/Restoration.

Pay item "Sign Preservation/Restoration" shall serve as full compensation to the Contractor for all labor, materials and equipment needed to preserve the existing sign at approximately 412+00, and if necessary to restore said sign. Preservation and/or restoration shall result in the sign being left in as good a condition as existing or better at, subject to approval of the Owner at the time of final acceptance.

Receipt of Addendum #1 is hereby acknowledged by:

2-21-23

Date

Matthews Trenching

Name of Firm

Phillip Ferguson Est.

Name/Title

ALL BIDDERS MUST SUBMIT A SIGNED COPY OF THIS ADDENDUM COVER WITH THEIR BID.

CMA-2301
ADDENDUM NUMBER 1
PAGE 1 OF 1



117 North 4th Street
Chickasha, Ok 73018

BID PROPOSAL
RFP CMA-2301
SANITARY SEWER MAIN REPLACEMENT
PROJECT

Submission Deadline February 21, 2023
1:30 p.m.

Proposal of Matthews Trenching Co., Inc.
(hereinafter called "Bidder"), organized and existing under the laws of the
State of Oklahoma, doing business as Corporation
to the Chickasha Municipal Authority (hereinafter call "Owner").

In compliance with your Advertisement for Bids, Bidder hereby proposes to perform all
work for the construction of RFP CMA-2301 Sanitary Sewer Main Replacement Project,
in Chickasha, Ok in strict accordance with the contract documents within the time set
forth therein and at the prices stated on the Bid Schedule.

Bidder: Matthews Trenching Co., Inc. By:  President
Name of Company *Signature & Title*

Mailing Address: PO Box 15479, Oklahoma City, OK 73155

405-677-4525 405-677-4835 Jallison@mtciokc.com

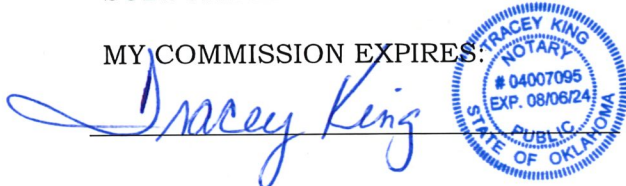
Phone No

Fax No

Email

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21st DAY OF February 20 23.

MY COMMISSION EXPIRES:



August 6, 2024

NOTARY PUBLIC

CORRECTED REVISED BID SCHEDULE

PAY ITEM	PAY ITEM DESCRIPTION	UNITS	EST QTY	UNIT PRICE	TOTAL PRICE
BASE BID					
1	14" DIP SANITARY SEWER MAIN, BY TRENCHING	LF	710	\$ 375.00	\$ 266,250.00
2	14" DIP SANITARY SEWER MAIN, BORED/CASED	LF	400	\$ 625.00	\$ 250,000.00
3	SANITARY SEWER MANHOLE, INSTALLED	EA	4	\$ 5,000.00	\$ 20,000.00
4	CONTROLLED LOW STRENGTH MATERIAL	CY	220	\$ 150.00	\$ 33,000.00
5	SEWER FLOW CONTROL	LSUM	1	\$ 15,000.00	\$ 15,000.00
6	ABANDON SEWER MAIN (INCL. PLUG AND GROUT)	CY	38	\$ 300.00	\$ 11,400.00
7	LEAKAGE TESTING	LSUM	1	\$ 1,500.00	\$ 1,500.00
8	DEFLECTION TESTING	LSUM	1	\$ 1,500.00	\$ 1,500.00
9	DEMOLITION/REMOVALS	LSUM	1	\$ 2,500.00	\$ 2,500.00
10	P.C. PAVEMENT REPAIR	SY	27	\$ 350.00	\$ 9,450.00
12	SIGN PRESERVATION/RESTORATION	EA	1	3,500.00	3,500.00
13	CONSTRUCTION TRAFFIC CONTROL	LSUM	1	\$ 2,500.00	\$ 2,500.00

TOTAL BASE BID (NUMBERS) \$ 616,600.00

TOTAL BASE BID (WORDS) Six Hundred Sixteen Thousand Six Hundred and zero cents-----

ALTERNATE BID NUMBER 1					
1	14" DIP SANITARY SEWER MAIN, BY TRENCHING	LF	680	\$ 385.00	\$ 261,800.00
2	14" DIP SANITARY SEWER MAIN, BORED/CASED	LF	400	\$ 625.00	\$ 250,000.00
3	SANITARY SEWER MANHOLE, INSTALLED	EA	3	\$ 5,000.00	\$ 15,000.00
4	CONTROLLED LOW STRENGTH MATERIAL	CY	220	\$ 150.00	\$ 33,000.00
5	SEWER FLOW CONTROL	LSUM	1	\$ 15,000.00	\$ 15,000.00
6	ABANDON SEWER MAIN (INCL. PLUG AND GROUT)	CY	38	\$ 300.00	\$ 11,400.00
7	LEAKAGE TESTING	LSUM	1	\$ 1,500.00	\$ 1,500.00
8	DEFLECTION TESTING	LSUM	1	\$ 1,500.00	\$ 1,500.00
9	DEMOLITION/REMOVALS	LSUM	1	\$ 2,500.00	\$ 2,500.00
10	P.C. PAVEMENT REPAIR	SY	27	\$ 350.00	\$ 9,450.00
12	SIGN PRESERVATION/RESTORATION	EA	1	3,500.00	3,500.00
13	CONSTRUCTION TRAFFIC CONTROL	LSUM	1	\$ 2,500.00	\$ 2,500.00

TOTAL ALTERNATE BID NUMBER 1 (NUMBERS) \$ 607,150.00

TOTAL ALTERNATE BID NUMBER 1 (WORDS) Six Hundred Seven Thousand One Hundred Fifty and zero cents-----

AFFIDAVIT OF NON-COLLUSION

STATE OF Oklahoma)
) ss
COUNTY OF Oklahoma)

The undersigned, of lawful age, being first 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 City 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 City official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the Chickasha Municipal Authority, Oklahoma, any money or other thing of value, either directly or indirectly, in the procuring of the award of a contract pursuant to this bid.

Bidder: Matthews Trenching Co., Inc.
Name of Company

By: [Signature] President
Signature & Title

Mailing Address: PO Box 15479, Oklahoma City, OK 73155

Phone No: 405-677-4525

Fax No: 405-677-4835

Email: Jallison@mtciokc.com

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21st DAY February OF 2023.

MY COMMISSION EXPIRES:

August 6, 2024



NOTARY PUBLIC:

[Signature]

BUSINESS RELATIONSHIPS AFFIDAVIT

STATE OF Oklahoma)
COUNTY OF Oklahoma) ss

Gary L. Matthews, of 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 nature of any partnership, joint venture, or other business relationship presently in effect or which existed within one (1) year prior to the date of this statement with the architect, engineer, or other party to the project is as follows:

None

Affiant further states that any such business relationship presently in effect or which existed within one (1) year prior to the date of this statement between any officer or director of the bidding company and any officer or director of the architectural or engineering firm or other party to the project is as follows:

None

Affiant further states that the names of all persons having any such business relationships and the positions they hold with their respective companies or firms are as follows:

None

(If none of the business relationships hereinabove mentioned exist, affiant should so state.)

Matthews Trenching Co., Inc.

Firm

Gary L. Matthews

Agent

Address PO Box 15479, Oklahoma City, OK 73155

405-677-4525

Phone

405-677-4835

Fax

Jallison@mtciokc.com

Email

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21st DAY February OF 20 23.

MY COMMISSION EXPIRES:

August 6, 2024



NOTARY PUBLIC

RFP CMA-2301

Page 7 of 20

Date: 2/21/23

Duties performed Estimator, Billing, pipe layer.

6. Projects Now Under Contract:

Description and Location	Construction Cost	% Comp.	Estimated Comp. Date
<u>US Foods, Utilities</u>	<u>918,839.50</u>	<u>25%</u>	<u>5/2023</u>
<u>OKC Fairgrounds Coliseum, Utilities</u>	<u>1,557,718.00</u>	<u>5%</u>	<u>7/2023</u>
<u>ODOT CO 790, Water & Sanitary</u>	<u>358,470.00</u>	<u>2%</u>	<u>5/2023</u>
<u>SE-0048 Sanitary Emergency OKC</u>	<u>1,212,616.00</u>	<u>75%</u>	<u>4/2023</u>

7. Projects similar to this project completed during the last five years:

Owner	Project Description	Cost
<u>Please see attached.</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

8. Bonding Capacity:

- a. Maximum bonding Capacity \$ 25,000,000.00
- b. Amount obligated for current work \$ 12,500,000.00
- c. Net capacity available for new work \$ 12,500,000.00

9. Bonds written by:

Company <u>Fidelity Deposit Company @ Rich & Cartmill</u>	Agent <u>Attn: Austin</u>
<u>9401 Cedar Lake Ave</u>	<u>Oklahoma City, OK 73114</u>
Address	Address

10. Banking Connections:

RCB Bank of Nichols Hills, 7400 N. Western, Oklahoma City, OK 73116

405-463-5902

11. Condensed Financial Data:

Current Assets: \$ To be supplied if low bidder.

Current Liabilities: \$ _____

Present Net Worth: \$ _____

12. References:

Tom Seymour, City of Bethany 405-789-6285

Shad Byrne, Core & Main 405-495-0699

NOTE: The Owner reserves the right to rely on the information provided herein by the named Bidder to make necessary investigations regarding the responsibility of the Bidder and to determine the responsibility of the Bidder. The Owner shall have sole authority to determine the responsibility of the Bidder.



Signature

Fidelity and Deposit Company

1299 Zurich Way

OF MARYLAND

Schaumburg, IL 60196

BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, Matthews Trenching Co., Inc.

----- as Principal, (hereinafter called the "Principal"),
and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, 1299 Zurich Way, Schaumburg, Illinois 60196, a corporation
duly organized under the laws of the State of Illinois, as Surety, (hereinafter called the "Surety"), are held and
firmly bound unto Chickasha Municipal Authority

----- as Obligee, (hereinafter called the "Obligee"),
in the sum of Five Percent of Total Amount Bid Dollars (\$ 5%),
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs,
executors, administrators, successors and assigns, Jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for -----
RFP CMA-2301 Sanitary Sewer Main Replacement Project

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract
with the Obligee in accordance with the terms of such bid and give such bond or bonds as may be specified in the bidding
or contract documents with good and sufficient surety for the faithful performance of such contract and for the prompt
payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter
into such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed
the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good
faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void,
otherwise to remain in full force and effect.

Signed and sealed this 21st day of February A. D., 2023



Witness

Matthews Trenching Co., Inc. (SEAL)
Principal


Title

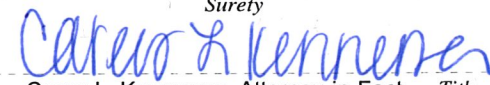
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

Surety



Vicki Wilson

Witness

By  (SEAL)
Carey L. Kennemer, Attorney-in-Fact Title

C3251-50M, 7-92 236374
Conforms to American Institute of Architects Document A-310,
February 1970 Edition

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and Clayton HOWELL, Vicki Wilson, Austin K. GREENHAW, J. Kelly DEER, Shelli R. SAMSEL, Travis E. BROWN, Jamie BURRIS, Vaughn P. GRAHAM, Vaughn P. GRAHAM, JR., Stephen M. POLEMAN, Deborah L. RAPER, Dwight A. PILGRIM, Gary LILES, Randy D. WEBB, Bobby Joe YOUNG, Aaron WOOLSEY, Carey L. KENNEMER, Kristin LEWIS, Joshua BRYAN of Tulsa, Oklahoma, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 27th day of October, A.D. 2022.



ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: Robert D. Murray
Vice President

By: Dawn E. Brown
Secretary

**State of Maryland
County of Baltimore**

On this 27th day of October, A.D. 2022, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2023

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

Matthews Trenching completed projects 2/21/23				
PROJECT/CLIENT/LOCATION	REFERENCES	KEY TEAM MEMBERS	COMPLETION DATE	AMOUNT
2016 SAN SEWER IMPROVEMENT NW 36TH TO NW 50TH, COUNCIL TO ROCKWELL BETHANY, OK	GC: CITY OF BETHANY 6700 NW 36TH BETHANY, OK STEVE KATEN 405-789-6285 OWNER: CITY OF BETHANY	DAVID PARKER-PROJ MANAGER SALVADOR OLIVAREZ-SUPER (CLASS D)	8/2018	CONTRACT AMOUNT \$2,599,228.00
East Sheridan Future Apt. WATER, SAN SEWER, STORM 505 E SHERIDAN AVE OKLAHOMA CITY, OK	GC: NE CONSTRUCTION 420 SOUTHFORK DR LEWISVILLE, TX RICHARD BECK 405-323-3789 OWNER: BRICKTOWN APTS	JEFF ALLISON-PROJ MANAGER LARRY NOWELL-SUPER	09/2015	SUB CONTRACT AMOUNT \$3,683,344.20
STEELYARD APARTMENTS WATER, SAN SEWER, STORM, SITE WORK 505 E SHERIDAN AVE OKLAHOMA CITY, OK	GC: NE CONSTRUCTION 420 SOUTHFORK DR LEWISVILLE, TX RICHARD BECK 405-323-3789 OWNER: BRICKTOWN APTS	JEFF ALLISON-PROJ MANAGER LARRY NOWELL-SUPER	11/2018	SUB CONTRACT AMOUNT \$1,264,335.00
PC-0394(168)/WC-0892/SC-0986 STREETSCAPE PROJECT 180 PKG #6B WATER, SAN SEWER, STORM EK GAYLORD, RENO TO SHERIDAN OKLAHOMA CITY, OK	GC: A-TECH PAVING PO BOX 2865 EDMOND, OK JAY DOYLE 405-204-3602 OWNER: CITY OF OKLAHOMA CITY	JEFF ALLISON-PROJ MANAGER SALVADOR OLIVAREZ-SUPER	5/2018	SUB CONTRACT AMOUNT \$1,398,174.00
OU MEMORIAL STADIUM EXPANSION DIRT WORK AND UTILITIES 1200 ASP AVE NORMAN, OK	GC: FLINTCO, LLC 2302 S PROSPECT OKLAHOMA CITY, OK KIRK MANNEN 405-670-6307 OWNER: THE UNIVERSITY OF OKLA	DAVID PARKER-PROJ MANAGER LARRY NOWELL-SUPER (UTIL) CHARLIE BROCK-SUPER (DIRT)	11/2017	SUB CONTRACT AMOUNT \$3,264,098.00
M3-P004/WC-0811/SC-0908 MAPS 3 DOWNTOWN PARK WATER, SAN SEWER, STORM, PAVING SW 3RD TO SW 7TH, ROBINSON TO HUDSON OKLAHOMA CITY, OK	GC: CITY OF OKLAHOMA CITY 420 W MAIN, SUITE 500 OKLAHOMA CITY, OK BRENT WARD 405-297-2422 OWNER: CITY OF OKLAHOMA CITY	DAVID PARKER-PROJ MANAGER SALVADOR OLIVAREZ-SUPER (CLASS D)	12/2018	CONTRACT AMOUNT \$7,609,920.00
SONOMA LAKES ADDITION PH II WATER, SAN SEWER, STORM NE 12TH & SUNNYLANE MOORE, OK	GC: JUSTIN RHODES HOMES, LLC PO BOX 891714 OKLAHOMA CITY, OK JUSTIN RHODES 405-314-3472 OWNER: JUSTIN RHODES	GARY MATTHEWS-PROJ MNGR SALVADOR OLIVAREZ-SUPER (CLASS D)	3/2018	CONTRACT AMOUNT \$1,248,926.00
DESCRIPTION OF WORK PERFORMED				
INSTALL 1500'-24" GRAVITY SAN SEWER, 5900'-18" FORCE MAIN, 800'-18" TO 24" PIPEBURST, 1300' 21" TO 24" PIPEBURST, 490' BORE & ENCASE ROADWAYS, 8'-4" DIA MH, REHABED 13 MH, LIFT STATION MODIFICATIONS, & RESTORATION, ALL APPURTENANCES FOR SAN SEWER, 2745Y DRIVEWAY CUT & REPAIR, 5415Y CONC PAVEMENT.				
10-Storm 4' Dia MH, 3-Storm 5' Dia MH, 334'-18" RCP, 136'-24" RCP, 22'-13"x22" RC Arch, 174'-36" RCP, 5'-60"x90" Egg pipe, 5'-90"x120" Egg Pipe, 5'-96" RCP, 5'-90" RCP, 10'-2-0 Inlet, 1-2-1 Inlet, 1-Des 6 Inlet, 1-Des 7-2 Inlet, 156' 8'x8' RCB, 1156'-DBL 8'x8' RCB, 98'-8" Sdr35, 268'-15" sdr35, 1309'-12" Water, 206'-8" Water, 56'-6" Water, Various Fittings, 8-FH,				
INSTALLED 1500'-12" THRU 24" STORM SEWER, 25 INLETS & MH INCLUDING ALL APPURTENANCES FOR STORM SEWER, INSTALLED 550'-8" SAN SEWER W/MH'S, INCLUDING ALL APPURTENANCES FOR SAN SEWER, 1050' 8"-C-900 WATER, 1'-6" METER & VAULT & 1'-4" METER & VAULT INCLUDING ALL APPURTENANCES FOR WATER				
INSTALLED 750'-20" WATER, 170'-12" PVC, 200'-6" C-900, 2'-6" METERS & VAULTS, INCLUDING ALL APPURTENANCES FOR WATER, DEWATERED & INSTALLED 960'-24", 7'-4" DIA MH ALL 0-25' DEEP, 150'-24" STEEL CASING INCLUDING ALL APPURTENANCES FOR SAN SEWER				
WORK INCLUDED PLACING 5650 CY SELECT FILL, 5220 TN ODOT ROCK FOR BLDG PADS, CUT & FILL TO BALANCE SITE, 3450 TN FOR PAVING BASE. INSTALLED 345'-12" SAN SEWER INCLUDING ALL APPURTENANCES FOR SAN SEWER, 1000' STORM SEWER W/14 MH/INLETS, UNDERGROUND DETENTION AND 3300' 8", 6", 4" WATER W/APPURTENANCES, 1565Y-ASPHALT PAVING				
INSTALLED 390'-90" RCP, 665'-72" RCP, 770'-60" RCP, 1750'-54" RCP, 75'-30" RCP, 14 MH, INLETS, JCT BOXES, 110'-90" BORE & ENCASE FOR 90" RCP, INCLUDING ALL APPURTENANCES FOR STORM SEWER, 470' PIPE BURST SAN SEWER, 480' GRAVITY SEWER, 7'-MH'S INCLUDING ALL APPURTENANCES FOR SAN SEWER, 3200'-30" DIP, 3'-30" BUTTERFLY VALVES & VAULTS, 100'-42" BORE & ENCASE, 8" AIR VACS & VAULTS, 9245Y-PORTLAND CEMENT CONC, 25LF CURB & GUTTER, 4015Y SIDEWALK, 63425Y 3" ASPH PAVE, 10955Y PAVE CUT & PERM REPLACE, 1EA ADA CURB RAMP.				
INSTALLED 4200'-8" C-900, 37 SSS & 21 SLS INCLUDING ALL APPURTENANCES FOR WATER, 160'-6" x 6' RCB W/HEADWALL, 1125'-CONC FLUME, 700'-18" THRU 30" RCP, 14-MH & INLETS AND ALL APPURTENANCES FOR STORM SEWER, 5300'-8" SDR-35, 27'-4" DIA MH 10'-12" DEEP, 63 SERVICES INCLUDING ALL APPURTENANCES FOR SAN SEWER				

EPWORTH LIVING AT THE RANCH WATER, SAN SEWER, STORM 5601 N WASHINGTON STILLWATER, OK	GC: THE WEITZ COMPANY 10901 W 84TH TERR, SUITE 200 LENEXA, KS MIKE CORBIN 573-842-7805 OWNER: WHITE WOODS RETIREMENT	LARRY NOWELL-SUPER	12/2017	SUB CONTRACT AMOUNT \$2,618,800.00	INSTALLED 5040'-4" THRU 14" HDPE DR-9 WATER PIPE, METERS & SERVICES INCLUDING ALL APPURTENANCES FOR WATER. INSTALLED 4510'-6" THRU 10" SDR-26 SAN SEWER W/28'-4" DIA MH, INCLUDING ALL APPURTENANCES FOR SAN SEWER. INSTALLED 8700'-12" THRU 36" RCP & HDPE STORM, 100'-8" x 8' BOX, SET 110 BOXES, MH, DRAIN, INCLUDING ALL APPURTENANCES FOR STORM SEWER.
BRICKTOWN SITE UTILITIES WATER, SAN SEWER, STORM E SHERIDAN AND JOE CARTER AVE OKLAHOMA CITY, OK	CG: A-TECH PAVING PO BOX 2865 EDMOND, OK JAY DOYLE 405-204-3602 OWNER: CITY OF OKLAHOMA CITY	JEFF ALLISON-PROJ MANAGER SALVADOR OLIVAREZ-SUPER	11/2016	SUB CONTRACT AMOUNT \$3,728,932.00	INSTALLED 1160'-DBL 8' x 8', 180'-SINGLE 8' x 8', 690'-18" THRU 90" RCP, W/26 STRUCTURES, REM 3380' OF EXIST STORM SEWER INCLUDING ALL APPURTENANCES FOR STORM SEWER. INSTALLED 200'-8" C-900 WATER INCLUDING ALL APPURTENANCES FOR WATER. INSTALLED 100'-8" SAN SEWER RELOCATION, INCLUDING ALL APPURTENANCES FOR SAN SEWER
PROJECT/CLIENT/LOCATION	REFERENCES	KEY TEAM MEMBERS	COMPLETION DATE	CONTRACT AMOUNT	DESCRIPTION OF WORK PERFORMED
WC-0499 ATOKA PUMP STATIONS REHAB WATER STANLEY DRAPER TP TO LAKE ATOKA OKLAHOMA CITY, OK INCLUDES MACOMB PUMP STA, KONAWA PUMP STA, ADA PUMP STA, STONEWALL PUMP STA, COALGATE PUMP STA, ATOKA PUMP STA	GC: WYNN CONSTRUCTION 1312 S WALKER OKLAHOMA CITY, OK KEVIN LANG 405-232-9107 OWNER: CITY OF OKLAHOMA CITY	JEFF ALLISON-PROJ MANAGER SALVADOR OLIVAREZ-SUPER (CLASS D)	4/2011	SUB CONTRACT AMOUNT \$3,028,154.00	MACOMB PUMP STA.: INTAKE-INSTALLED 380'-60" PSPC, 60'-48" PSPC, 40'-36" PSPC W/2-BUTTERFLY VALVES, 4-60" COUPLINGS, 8-36" COUPLINGS, 2-5' DIA MH, DISCHARGE-INSTALLED 260'-60" PSPC, 30'-42" PSPC, 340'-30" PSPC, 1-60" BUTTERFLY VALVE, 6-60" COUPLINGS, 8-30" COUPLINGS, 1-60" FLOWMETER, TESTING & ALL APPURTENANCES FOR WATER. KONAWA PUMP STA.: INTAKE-INSTALLED 345'-60" PSPC, 60'-48" PSPC, 40'-36" PSPC, 2-60" BUTTERFLY VALVES, 4-60" COUPLINGS, 1-60" FLANGE COUPLING ADAPTER, 2-48" BUTTERFLY VALVES, 2-5' DIA MH, DISCHARGE-260'-60" PSPC, 30'-42" PSPC, 340'-30" PSPC, 6-60" COUPLINGS, 8-30" COUPLINGS, 1-60" BUTTERFLY VALVE, 1-60" FLOWMETER, TESTING & ALL APPURTENANCES FOR WATER ADA PUMP STA.: INTAKE-345'-60" PSPC, 60'-48" PSPC, 40'-36" PSPC, 2-60" BUTTERFLY VALVES, 4-60" COUPLINGS, 2-48" BUTTERFLY VALVES, 8-36" FLANGE COUPLINGS, 2-5' DIA MH, 1-60" FLANGE COUPLING ADAPTOR. DISCHARGE-260'-60" PSPC, 30'-42" PSPC, 340'-30" PSPC, 1-60" FLOWMETER, 1-60" BUTTERFLY VALVE, 6-60" COUPLINGS, 8-30" COUPLINGS, TESTING & ALL APPURTENANCES FOR WATER STONEWALL PUMP STA.: INTAKE-150'-60" PSPC, 60'-48" PSPC, 40'-36" PSPC, 2-60" BUTTERFLY VALVES, 4-60" COUPLINGS, 2-48" BUTTERFLY VALVES, 8-36" COUPLINGS, 2-5' DIA MH, DISCHARGE-260'-60" PSPC, 30'-42" PSPC, 340'-30" PSPC, 1-60" BUTTERFLY VALVE, 6-60" COUPLINGS, 8-30" COUPLINGS, 1-60" FLOWMETER. PIGGING STA.-PIGGING STA INSTALLED COMPLETE, TESTING & ALL APPURTENANCES FOR WATER
					COALGATE PUMP STA.: INTAKE-140'-60" PSPC, 120'-48" PSPC, 40'-36" PSPC, 2-60" BUTTERFLY VALVES, 4-60" COUPLINGS, 2-5' DIA MH, 8-36" COUPLINGS, 2-48" BUTTERFLY VALVES. DISCHARGE-280'-60" PSPC, 30'-42" PSPC, 340'-30" PSPC, 1-60" BUTTERFLY VALVE, 6-60" COUPLINGS, 8-30" COUPLINGS, 1-60" FLOWMETER. PIGGING STA.-PIGGING STA INSTALLED COMPLETE, TESTING & ALL APPURTENANCES FOR WATER
					ATOKA PUMP STA.: DISCHARGE-370'-60" PSPC, 170'-30" PSPC, 330'-18" PSPC, 110'-12" PSPC, 18'-6" PSPC, 1-60" FLOWMETER, 1-6" BUTTERFLY VALVE, 1-60" FLANGE COUPLING, 1-60" COUPLING ADAPTOR, 8-30" FLEX COUPLINGS, 3-18" CHECK VALVES, 1-12" CHECK VALVE, 1-12" BUTTERFLY VALVE, 2-12" COUPLINGS, 1-FIRE HYDRANT, 1-6" GATE VALVE & BOX. PIGGING STA.-PIGGING STA INSTALLED COMPLETE, TESTING & ALL APPURTENANCES FOR WATER

PC-0178 SW 89TH & WESTERN WATER OKLAHOMA CITY, OK	GC: SHELL CONSTRUCTION 336 FALCON DR OKLAHOMA CITY, OK	JEFF ALLISON-PROJ MANAGER CARVER COFFEE-SUPER	10/2002	SUB CONTRACT AMOUNT \$404,078.00	INSTALLED 147'-42" DIP, 1700'-12" DIP, 182'-8" DIP, 365'-6" DIP, 50'-52" STEEL ENCASE, 147'-16" STEEL ENCASE, 195'-12" STEEL ENCASE, 1-42" WET CONNECT, 1-42" CUT IN SLEEVE, 4-42" x 45" BENDS, 1-42" BUTTERFLY VALVE & VAULT, DEWATERING, TESTING INCLUDING ALL APPERTENANCES FOR WATER
52ND ST, RAILROAD TO GORE BLVD SANITARY SEWER LAWTON, OK	GC: T & G CONSTRUCTION 801 SE 1ST LAWTON, OK PRENTISS SWAN 580-512-1643 OWNER: CITY OF LAWTON	DAVID PARKER-PROJ MANAGER NICK CHAFFIN-SUPER (CLASS C & D)	6/2019	SUB CONTRACT AMOUNT \$1,442,400.95	INSTALLED 125'-12", 1173'-15", 590'-18", 720'-24", 230'-30", 45'-36", 200'-42", 200'-48", 100'-54", 380'-60", 805'-66", 415'-22X36" ARCH, 450'-40X65" ARCH RCP PIPE, 4-4" MH, 2-5" MH, 1-6" MH, 11-8" MH, 41 JCT BOXES, INCLUDING ALL APPERTENANCES FOR STORM SEWER
SC-0931 SOUTH CANADIAN RELIEF SANITARY SEWER SW 134TH TO SW 104TH W OF PENNSYLVANIA OKLAHOMA CITY, OK	GC: SMITH, ROBERTS, BALDICHWILER 100 NE 5TH OKLAHOMA CITY, OK MARC LONG 405-840-7094 OWNER: CITY OF OKLAHOMA CITY	JEFF ALLISON-PROJ MANAGER SALVADOR OLIVAREZ-SUPER (CLASS D)	10/2019	CONTRACT AMOUNT \$5,012,652.00	INSTALLED 9375'-18" SDR-26, 5127'-24" SDR-26, 54'-4" DIA MH, 1850'-20" STEEL CASING W/BORE, 270'-30" STEEL CASING W/BORE, TRENCHING 10'-30" DEEP ENTIRE PROJECT. 3297 SY CONC PAV REM & REPLACE, CLEARING & GRUBBING, RESTORATION, 673' CURB & GUTTER, 22SY CONCRETE FLUME, 9SY CONCRETE SIDEWALK, 121SY 6" CONC DRIVE.
PC-0399(17)/WC-0915 STREETSCAPE WATER HUDSON & BROADWAY OKLAHOMA CITY, OK	A-TECH PAVING PO BOX 2865 EDMOND, OK JAY DOYLE 405-204-3602 OWNER: CITY OF OKLAHOMA CITY	DAVID PARKER-PROJ MANAGER KERRY ORTIZ-SUPER (CLASS D & C)	6/2019	SUB CONTRACT AMOUNT \$257,356.00	INSTALLED 30'-30" BORE & ENCASE, 70'-20" C-900, 70'-16" C-900, 80'-12" C-900, 40'-10" C-900, 130'-6" C-900, TESTING, INCLUDING ALL APPERTENANCES FOR WATER
WC-0923/SC-0997 OKLA CITY BLVD WATER, SANITARY SEWER BLVD FROM EK GAYLORD TO WESTERN OKLAHOMA CITY, OK	ALLEN CONTRACTING PO BOX 1178 OKLAHOMA CITY, OK TODD STEELMAN 405-651-2757 OWNER: ODOT/CITY OF OKLA CITY	JEFF ALLISON-PROJ MANAGER KERRY ORTIZ-SUPER (CLASS C & D)	12/2019	SUB CONTRACT AMOUNT \$859,988.00	INSTALLED 2200'-8" C-900, 400'-36" DIP, 100'-6" INCLUDING ALL APPERTENANCES FOR WATER. INSTALLED 250'-24" SAN SEWER W/3-6" DIA MH, BY-PASS PUMPING INCLUDING ALL APPERTENANCES FOR SAN SEWER.
ADAMS ELEMENTARY SCHOOL WATER, SAN SEWER, STORM 2200 E RANDOLPH ENID, OK	GC: HENSON CONSTRUCTION 2300 W OKLAHOMA AVE ENID, OK BRIAN HENSON 580-234-7229 OWNER: ENID PUBLIC SCHOOLS	LARRY NOWELL-SUPER	6/2019	SUB CONTRACT AMOUNT \$171,645.00	INSTALLED 100'-8" SAN SEWER, 80'-16" STEEL CASING, RELOCATE GREASE TRAP, INCLUDING ALL APPERTENANCES FOR SAN SEWER. INSTALLED 125'-8" STORM SEWER. INSTALLED 225'-6" WATER W/2" METER AND SERVICE LINE, INCLUDING ALL APPERTENANCES FOR WATER.
WC-0936/SC-1012 JK TURNPIKE WATER, SANITARY SEWER COUNTY LINE TO COUNCIL HWY 152 TO SW 59TH, OKLAHOMA CITY, OK	DUIT CONSTRUCTION PO BOX 3788 EDMOND, OKLAHOMA JUSTIN DOBBS 405-519-3801 OWNER: JK TURNPIKE/CITY OF OKC	JEFF ALLISON-PROJ MANAGER ALAN STEPHENS-SUPER	5/2019	SUB CONTRACT AMOUNT \$1,179,139.18	INSTALLED 716'-36" DIP, 750'-12" C-900, 420'-42" STEEL CASING, INCLUDING ALL APPERTENANCES FOR WATER. INSTALLED 460'-18" SAN SEWER, 58'-12", 240'-10", 420'-8" W/7 4" DIA MH, 400'-18" STEEL CASING, 240'-18" STEEL CASING, 40'-20" & 60'-26" INCLUDING ALL APPERTENANCES FOR SAN SEWER
WF-4598/WD-2388, PV-0264 OU MED WATER, SAN SEWER, STORM NE 13TH & JB SAUNDERS OKLAHOMA CITY, OK	GC: TURNER CONSTRUCTION 10100 N CENTRAL EXP, SUITE 600 DALLAS, TX TOM KEMPEN 214-604-9965 OWNER: UNIVERSITY HOSPITALS TRUST	DAVID PARKER-PROJ MANAGER LARRY NOWELL-SUPER	11/1/2020	SUB CONTRACT AMOUNT \$1,523,202.00	INSTALLED 535'-8" SAN SEWER W/4-4" DIA MH INCLUDING ALL APPERTENANCES FOR SAN SEWER, 470'-24" RCP STORM SEWER W/4-4" MH, REM & REPLACE 360 SY ASPHALT PAVING, 910'-8" WATER, SET 2 6" METER PITS, 600'-6" WATER INCLUDING ALL APPERTENANCES FOR WATER
Chase Bank Water, Sanitary Sewer, Storm Sewer Penn & Memorial Oklahoma City, OK	GC: Jim Butler Construction Co., Inc 11337 E. 60th Pl. Tulsa, OK 74146 Jim Butler 918-252-9992 Owner: Chase Bank	DAVID PARKER-PROJ MANAGER ALAN STEPHENS-FOREMAN	4/1/2020	SUB CONTRACT AMOUNT \$393,774.15	INSTALLED 280'-6" SANITARY SEWER, 1-6" CLEANOUT, 2-4" DIA MANHOLES, 2" WATER METER & BACKFLOW, 1" IRRIGATION WATER, 20SY PAVING.

MAPS 3 M3-C009, SC-1015, WC-0938 SW 3RD & BROADWAY OKC, OK	GC: MATTHEWS TRENCHING SMITH ROBERTS 100 NE 5TH ST OKLAHOMA CITY, OK 405-840-7094	DAVID PARKER-PROJ MANAGER NICK CHAFFIN-FOREMAN	2/2019	\$928,845.13	507 SY- REM & TEMP REPAIR CONCRETE PAVING, 133 SY- REM & PERM REPAIR CONCRETE PAVING, 184 LF- REM & REP CONCRETE CURB & GUTTER, 114 SY- PAVE CUT & TEMP REPAIR ASPHALT, 430'-12" SANITARY, 90'-20" BORE, 3EA-4' DIA MANHOLE, 129'-26" BORE, 3EA-4' DIA MAHOLE, 12'-12" SDR35, 175'-8" SDR35, 2EA-4' DIA MANHOLE, 41'-16DR14, VARIOUS FITTINGS, 1109'-18" 1009LF-8"PVC, 2896LF-24" PVC, 70LF-STEEL ENCASE, 28EA-5' DIA MANHOLE, 34VF-MANHOLE REHAB, 147 SY-REMOVE & REP SIDEWALK TRAIL, 4EA-4' DIA MANHOLE, 10EA-8' DIA MANHOLE, 290LF-30" BORE, 3594LF-26"SDR19 PIPE BURST, 160SY- PERM CONCRETE PAVE REM & REP, 260LF-30" BORE, 316LF-26" BORE.
LITTLE RIVER SANITARY SEWER REHAB LITTLE RIVER PARK MOORE, OK	CITY OF MOORE 301 N BROADWAY ST MOORE, OK 73160 ROBERT PISTOLE 405-793-5032	DAVID PARKER-PROJ MANAGER SALVADOR OLIVARES-FOREMAN	1/25/18	\$1,693,169.00	425SY-5" CONCRETE PAVE, 104LF-6" CURB & GUTTER, 125SY-SIDEWALK, BORE.
NORMAN NCD NELC PARKING MAGNUM CONSTRUCTION NORMAN, OK	GC: MAGNUM CONSTRUCTION NYLES BUCKINGHAM PO BOX 707, BROKEN ARROW, OK 918-251-8687	DAVID PARKER-PROJ MANAGER ALAN STEPHENS-FOREMAN	12/2017	\$78,895.00	478'-8" WATER, 2499' -12" WATER, 3590'-6" WATER, 325'-4" WATER, VARIOUS FITTINGS, 2.5" WATER SERVICE, 1627'-8" SANITARY, 285'-4" SANITARY, 76'-6" SANITARY, 8'-4" DIA MANHOLE, 669'-24" HDPE STORM, 102'-18" HDPE STORM, 50'-15" HDPE STORM, 126'-8" HDPE STORM, 41'-15" CMP STORM, 5-DROP INLET, 6'-4" DIA MH
OJA Next Generation Facility WATER, SANITARY, STORM 700 S 9TH ST TECUMSEH, OK 74873	GC: FLINTCO 2302 S. PROSPECT OKLAHOMA CITY, OK 73129 STEVEN JOHNSON 405-640-96347 OWNER: STATE OF OK. JUVENILE AFFAIRS GC: MATTHEWS TRENCHING OWNER: C.O.M.C.D. 12500 ALAMEDA NORMAN, OK 73026 ALAN SWARTZ 405-329-5228	DAVID PARKER-PROJ MANAGER LARRY NOWELL-SUPER	6/1/2020	SUB CONTRACT \$1,956,603.00	100'-20" DIP OPEN CUT, 17140'-24" DIP OPEN CUT, 420'-24" BY BORE, 3690'-18" HDPE WATER, 5160'-21" HDPE, VARIOUS FITTINGS, 10-CONSTRUCTION ENTRANCES, 2-10" GATE VALVE, 2-18" GATE VALVE, 4-24" GATE VALVE, 8-COMBO AIR RELEASE VALVE & VAULT, 9-BLOW OFF VALVE & VAULT, 1-FLOW METER, 21000SF ARTICULATED CONCRETE BLOCKS, 220SY-GRAVEL RD, 220SY-15EA-4' DIA MANHOLE, 3EA-5' DIA MANHOLE, 1EA-5' DIA DROP MANHOLE, 22'-8" SDR35 BY TRENCH, 60'-8" SDR35 BY CASE, 1887'-12"SDR35 BY TRENCH, 20'-12" SDR35 BY CASE, 280'-12" HDPE BY PIPE BURST, 403'-12" HDPE BY DIRECTIONAL BORE, 1209'-14" HDPE BY BURST.
Sanitary Sewer Rehab Sanitary Sewer Edmond, OK	GC: MATTHEWS TRENCHING OWNER: City of Edmond PO Box 2970 Edmond, OK 73083 Ken Minor 405-517-2923	DAVID PARKER-PROJ MANAGER LARRY NOWELL-SUPER	9/2021	\$887,993.00	1395'-12" WATER, 3EA-FIRE HYDRANT, 3EA-12 X 6" TEE, 3EA-6" GATE VALVE, 3EA-12" GATE VALVE, 1EA-12" X 90" BEND, VARIOUS FITTINGS, 66SY-ASPHALT PAVE, 110SY-GRAVEL DRIVE, 10SY-CONCRETE DRIVE, 16EA-1" SINGLE SHORT SERVICE
NE 50th ST, Baker to Shady Hook Water Spencer, OK	GC: MATTHEWS TRENCHING OWNER: City of Spencer 8200 NE 36TH Spencer, OK 73084 Warren Peacock 405-642-5893	DAVID PARKER-PROJ MANAGER NICK CHAFFIN-SUPER	7/2021	\$149,995.00	VARIOUS WATER LINE LEAK REPAIRS, 4EA-FIRE HYDRANT, 100'-6" C900, VARIOUS BOOSTER STATION/LIFT STATION REPAIRS, REMOVE & REPLACE RAKE ARMS, REMOVE & REPLACE SCUM BUCKET.
VARIOUS REPAIRS WATER/SANITARY SPENCER, OK	GC: MATTHEWS TRENCHING OWNER: City of Spencer 8200 NE 36TH Spencer, OK 73084 Warren Peacock 405-642-5893 GC: WATKINS PAVING & CRUZE Owner: ODOT 5601 South 122nd East Ave Tulsa, OK 74146 Eric Malinka 405-601-5522	DAVID PARKER-PROJ MANAGER NICK CHAFFIN-SUPER	6/2021	\$230,000.00	40'-4" PVC, 976'-6" PVC, 172'-8" PVC, 1320'-12" PVC, 2EA-4" GATE VALVE, 16EA-6" GATE VALVE, 2EA-8" GATE VALVE, 3EA-12" GATE VALVE, 11EA-FIRE HYDRANT, 75'-20" BORE & ENCASE, 529'-12" BORE & ENCASE, VARIOUS FITTINGS, 802'-6" HDPE BORED, 20'-42" C905 SANITARY, 317'-42" SANITARY, 283'-42" SUPLINE, 283'-42" RESIN IMPREGNATED TUBE, 4EA-7' DIA MANHOLE
I-40 & Sooner ODOT Water & Sanitary Del City/Midwest City, OK		JEFF ALLISON-PROJ MANAGER LARRY NOWELL-SUPER	11/2021	\$1,322,994.00	

ODOT CALL ORDER DURANT, OK	GC: DUIT CONSTRUCTION Owner: ODOT PO BOX 3788 EDMOND, OKLAHOMA JUSTIN DOBBS 405-519-3801	JEFF ALLISON-PROJ MANAGER NICK CHAFFIN-SUPER	5/2021	\$1,829,969.64	62'-1.5" POLY, 74'-6" POLY, 2EA-1.5 VALVE, 6EA-6" VALVE, 2EA-4" VALVE, 1EA-FIRE HYDRANT, 62'-2" STEEL CASE, 30'-3" STEEL CASE, 40'-12" STEEL CASE, 468'-BORE 12" CASE, 918'-BORE 14" CASE, 14'-6" HDPE, 40'-2EA-4" DIA SANITARY MANHOLE, 37'-1.8" POLY SANITARY, 82'-6" POLY SANITARY, 60'-16" STEEL CASE, 37'-4" POLY, 440'-10" CASE BORE, 350'-1" PVC, 42'-8" POLY, 98'-24" STEEL CASE, 98'-SPLIT CASE PIPE.
First National Building PC-2691 Garage & Gallery Paving Oklahoma City, OK	GC: NE CONSTRUCTION 420 SOUTHFORK DR LEWISVILLE, TX 75057 MITCHELL HEARN 405-301-5567	DAVID PARKER-PROJ MANAGER KERRY ORTIZ-SUPER	5/2021	\$83,389.63	138LF-CURB & GUTTER, 148SY-PC CONCRETE SIDEWALK, 22SY- PC CONCRETE DRIVEWAY, 43SY-PC CONCRETE SUB SLAB W/ PAVERS, 19SY-PC CONCRETE ALLEY.
First National Building PD-2797 Hotel & Residential Paving Oklahoma City, OK	GC: NE CONSTRUCTION 420 SOUTHFORK DR LEWISVILLE, TX 75057 RUSSELL SYLVESTER 972-221-0095 EXT 138	DAVID PARKER-PROJ MANAGER KERRY ORTIZ-FOREMAN	6/2021	\$410,426.00	339'-CURB & GUTTER, 451SY-PC CONCRETE SIDEWALK, 80SF-TACTILE WARNING, 64SY-PC CONCRETE SUB SLAB W/ PAVER, 850SY-9" PC CONCRETE ALLEY, 400SY-CHARCOAL & GRAY SLATE CONCRETE
OJA Next Generation Facility WATER, SANITARY, STORM 700 S 9TH ST TECUMSEH, OK 74873	GC: FLINTCO 2302 S. PROSPECT OKLAHOMA CITY, OK 73129 STEVEN JOHNSON 405-640-96347 OWNER: STATE OF OK. JUVENILE AFFAIRS	DAVID PARKER-PROJ MANAGER LARRY NOWELL-SUPER	6/1/2020	SUB CONTRACT \$1,956,603.00	478'-8" WATER, 2499' -12" WATER, 3590'-6" WATER, 325'-4" WATER, VARIOUS FITTINGS, 2.5" WATER SERVICE, 1627'-8" SANITARY, 285'-4" SANITARY, 76'-6" SANITARY, 8'-4" DIA MANHOLE, 669'-24" HDPE STORM, 102'-18" HDPE STORM, 50'-15" HDPE STORM, 126'-8" HDPE STORM, 41'-15" CMP STORM, 5-DROP INLET, 6'-4" DIA MH
Del City Pipeline WATER DEL CITY, OK	GC: MATTHEWS TRENCHING OWNER: C.O.M.C.D. 12500 ALAMEDA NORMAN, OK 73026 ALAN SWARTZ 405-329-5228	DAVID PARKER-PROJ MANAGER SALVADOR-SUPER	3/1/2021	CONTRACT: \$5,643,680.00	100'-20" DIP OPEN CUT, 17140'-24" DIP OPEN CUT, 420'-24" BY BORE, 3690'-18" HDPE WATER, 5160'-21" HDPE, VARIOUS FITTINGS, 10-CONSTRUCTION ENTRANCES, 2-10" GATE VALVE, 2-18" GATE VALVE, 4-24" GATE VALVE, 8-COMBO AIR RELEASE VALVE & VAULT, 9-BLOW OFF VALVE & VAULT, 1-FLOW METER, 21000SF ARTICULATED CONCRETE BLOCKS, 220SY-GRAVEL RD, 220SY-CONCRETE PAVING
Sanitary Sewer Rehab Sanitary Sewer Edmond, OK	GC: MATTHEWS TRENCHING OWNER: City of Edmond PO Box 2970 Edmond, OK 73083 Ken Minor 405-517-2923	DAVID PARKER-PROJ MANAGER LARRY NOWELL-SUPER	9/2021	\$887,993.00	15EA-4" DIA MANHOLE, 3EA-5" DIA MANHOLE, 1EA-5" DIA DROP MANHOLE, 22'-8" SDR35 BY TRENCH, 60'-8" SDR35 BY CASE, 1887'-12" SDR35 BY TRENCH, 20'-12" SDR35 BY CASE, 280'-12" HDPE BY PIPE BURST, 403'-12" HDPE BY DIRECTIONAL BORE, 1209'-14" HDPE BY BURST.
NE 50th ST, Baker to Shady Hook Water Spencer, OK	GC: MATTHEWS TRENCHING OWNER: City of Spencer 8200 NE 36TH Spencer, OK 73084 Warren Peacock 405-642-6893	DAVID PARKER-PROJ MANAGER NICK CHAFFIN-SUPER	7/2021	\$149,995.00	1395'-12" WATER, 3EA-FIRE HYDRANT, 3EA-12 X 6" TEE, 3EA-6" GATE VALVE, 3EA-12" GATE VALVE, 1EA-12" X 90* BEND, VARIOUS FITTINGS, 66SY-ASPHALT PAVE, 110SY-GRAVEL DRIVE, 10SY-CONCRETE DRIVE, 16EA-1" SINGLE SHORT SERVICE
VARIOUS REPAIRS WATER/SANITARY SPENCER, OK	GC: MATTHEWS TRENCHING OWNER: City of Spencer 8200 NE 36TH Spencer, OK 73084 Warren Peacock 405-642-6893	DAVID PARKER-PROJ MANAGER NICK CHAFFIN-SUPER	6/2021	\$230,000.00	VARIOUS WATER LINE LEAK REPAIRS, 4EA-FIRE HYDRANT, 100'-6" C900, VARIOUS BOOSTER STATION/LIFT STATION REPAIRS, REMOVE & REPLACE RAKE ARMS, REMOVE & REPLACE SCUM BUCKET.
I-40 & Sooner ODOT Water & Sanitary Del City/Midwest City, OK	GC: Mammian Road & Bridge Owner: ODOT 5601 South 122nd East Ave Tulsa, OK 74146 Eric Mainka 405-601-6522	JEFF ALLISON-PROJ MANAGER LARRY NOWELL-SUPER	11/2021	\$1,322,994.00	40'-4" PVC, 976'-6" PVC, 172'-8" PVC, 1320'-12" PVC, 2EA-4" GATE VALVE, 16EA-6" GATE VALVE, 2EA-8" GATE VALVE, 3EA-12" GATE VALVE, 11EA-FIRE HYDRANT, 75'-20" BORE & ENCASE, 529'-12" BORE & ENCASE, VARIOUS FITTINGS, 802'-6" HDPE BORED, 20'-42" C905 SANITARY, 317'-42" SANITARY, 283'-42" SLOPLINE, 283'-42" RESIN IMPREGNATED TUBE. 4EA-7" DIA MANHOLE

ODOT CALL ORDER DURANT, OK	GC: DUT CONSTRUCTION Owner: ODOT PO BOX 3788 EDMOND, OKLAHOMA JUSTIN DOBBS 405-519-3801	JEFF ALLISON-PROJ MANAGER NICK CHAFFIN-SUPER	5/2021	\$1,829,969.64	62'-1.5" POLY, 74'-6" POLY, 2EA-1.5 VALVE, 6EA-6" VALVE, 2EA-4" VALVE, 1EA-FIRE HYDRANT, 62'-2" STEEL CASE, 30'-3" STEEL CASE, 40'-12" STEEL CASE, 468'- BORE 12" CASE, 918'-BORE 14" CASE, 14'-6" HDPE, 40'-2EA-4" DIA SANITARY MANHOLE, 371'-8" POLY SANITARY, 82'-6" POLY SANITARY, 60'-16" STEEL CASE, 37'-4" POLY, 440'- 10" CASE BORE, 350'-1" PVC, 42'-8" POLY, 98'-24" STEEL CASE, 98'-SPLIT CASE PIPE.
First National Building PC-2691 Garage & Gallery Paving Oklahoma City, OK	GC: NE CONSTRUCTION 420 SOUTHFORK DR LEWISVILLE, TX 75057 MITCHELL HEARN 405-301-5567	DAVID PARKER-PROJ MANAGER KERRY ORTIZ-SUPER	5/2021	\$83,389.63	138LF-CURB & GUTTER, 148SY-PC CONCRETE SIDEWALK, 22SY- PC CONCRETE DRIVEWAY, 43SY-PC CONCRETE SUB SLAB W/ PAVERS, 19SY-PC CONCRETE ALLEY.
First National Building PD-2797 Hotel & Residential Paving Oklahoma City, OK	GC: NE CONSTRUCTION 420 SOUTHFORK DR LEWISVILLE, TX 75057 RUSSELL SYLVESTER 972-221-0095 EXT 138	DAVID PARKER-PROJ MANAGER KERRY ORTIZ-FOREMAN	6/2021	\$410,426.00	339'-CURB & GUTTER, 451SY-PC CONCRETE SIDEWALK, 80SF-TACTILE WARNING, 64SY-PC CONCRETE SUB SLAB W/ PAVES, 850SY-9" PC CONCRETE ALLEY, 400SY-CHARCOAL & GRAY SLATE CONCRETE