

A G E N D A
WORK SESSION MEETING
City of Moberly
January 04, 2021
6:00 PM

Requests, Ordinances, and Miscellaneous

1. Moberly Water Treatment Plant Clarifier Facility Plan Proposal for Engineering Services
2. Change Order for Depot Park Pavilion
3. Review of Council Chambers Renovation
4. Discussion of bids received for the Highway 24 Sewer Extension
5. Discussion of bids received for the Homestead Sewer Replacement

City of Moberly

City Council Agenda Summary

Agenda Number: _____

WS #1.

Department: Public Utilities

Date: January 4, 2021

Agenda Item: Moberly Water Treatment Plant Clarifier Facility Plan Proposal for Engineering Services

Summary: In order to utilize state revolving fund financing, the City must conduct a facility plan describing the project including estimated costs. Jacobs Engineering Group Inc. has prepared a proposal to provide Professional Engineering Services to prepare the facility plan to rehabilitate the two upflow clarifiers at the Water Treatment Plant to accompany funding applications. This scope will include descriptions of need, design criteria, alternative evaluations with economic analysis and assist with recommended economic and environmental considerations and project financing. The facility plan will develop the project to approximately 30% design stage so when funding is approved, the project can move forward quickly.

Recommended

Action: Direct staff to develop a resolution.

Fund Name: Capital Improvement Trust

Account Number: 304.000.5408

Available Budget \$: EnterTextHere

ATTACHMENTS:

<input checked="" type="checkbox"/> Memo	<input type="checkbox"/> Council Minutes
<input type="checkbox"/> Staff Report	<input type="checkbox"/> Proposed Ordinance
<input type="checkbox"/> Correspondence	<input type="checkbox"/> Proposed Resolution
<input type="checkbox"/> Bid Tabulation	<input type="checkbox"/> Attorney's Report
<input type="checkbox"/> P/C Recommendation	<input type="checkbox"/> Petition
<input type="checkbox"/> P/C Minutes	<input type="checkbox"/> Contract
<input type="checkbox"/> Application	<input type="checkbox"/> Budget Amendment
<input type="checkbox"/> Citizen	<input type="checkbox"/> Legal Notice
<input type="checkbox"/> Consultant Report	<input type="checkbox"/> Other _____

Roll Call

Aye Nay

Mayor

M___ S___ Jeffrey ___ ___

Council Member

M___ S___ Brubaker ___ ___

M___ S___ Kimmons ___ ___

M___ S___ Davis ___ ___

M___ S___ Kyser ___ ___

Passed Failed

Stifel Tower
501 North Broadway
St. Louis, Missouri 63102
United States
T +1.314.335.4000
F +1.314.335.5104
F +1.314.335.5141
www.jacobs.com

December 21, 2020

Mary West-Calcagno
Director of Utilities
City of Moberly
101 West Reed Street
Moberly, MO 65270

Subject: Moberly WTP Clarifier Facility Plan Proposal for Engineering Services

Dear Mary,

Jacobs Engineering Group, Inc. (Jacobs) is pleased to present our proposal to provide the City of Moberly (City) with Professional Engineering Services to prepare a Facility Plan for the rehabilitation of the Water Treatment Plant (WTP) Clarifiers to accompany funding applications. This Facility Plan will utilize information provided by the City on proposed rehabilitation scope, and add additional information required for SRF loan application and other potential funding sources.

SCOPE

- **Site Visit** – Jacobs will observe the existing clarifiers and discuss rehabilitation scope with Water Treatment Plant personnel.
- **Facility Plan Preparation** – Jacobs will perform the following tasks to prepare the Facility Plan:
 1. **Introduction** – Provide basic information for the City of Moberly.
 2. **Existing Facilities** – Outline pertinent water treatment facilities and capacities.
 3. **Description of Need** – Develop a couple of paragraphs describing need for the clarifier rehab or replacement.
 4. **Design Criteria** – Describe design criteria including:
 - Design Period – 20 years
 - Existing population and 20-year projections
 - Present water consumption and projected demands
 - Existing source water supply and yield
 5. **Alternative Evaluation with Economic Analysis** – Evaluation of two alternatives:
 - Rehabilitate Existing Clarifiers – Develop scope and cost estimate.
Known rehabilitation items include:
 1. Coating and concrete repair

December 21, 2020

Subject:

Proposal for Engineering Services

Moberly WTP Clarifier Facility Plan

2. Metal blasting and repainting
3. New bearings and other mechanical repairs
4. Replacement of sludge scraper
5. Replacement of sludge blowdown valve
6. Repair of sludge scraper plows
- Replace Existing Clarifiers with New Clarifiers – Develop conceptual scope and cost estimate. New clarifiers will be of the same size and capacity of the existing clarifiers.
7. **Recommended Alternative** – Describe recommended alternative, including economic and environmental considerations.
8. **Project Financing** – Describe how the City will pay for the project and future O&M costs
- **Facility Plan Finalization** – Jacobs will perform the following tasks to finalize the Facility Plan:
 1. Submit the requested number of copies of the draft report to the City for review, not to exceed 5 copies.
 2. Conduct a report review meeting via telephone to discuss the report and capture comments from the City.
 3. Based on the report review meeting, finalize the report. Submit the requested number of copies of the final report to the City, not to exceed 5 copies.
 4. Sign and Seal approved report for submittal to MDNR
- **Address comments from MDNR**– Jacobs will address review comments that do not require a significant scope change or additional study.

FEE PROPOSAL

Our proposed fee the work described herein is a lump sum cost of \$39,860. This fee includes only those services outlined in our proposal. Additional services can be provided if requested by the City.

SCHEDULE

If the City agrees with this approach, we would provide a schedule upon notice of acceptance of our proposal.

ASSUMPTIONS / CLARIFICATIONS:

This proposal is based on the following assumptions and clarifications:

1. No hydraulic analysis will be performed as part of this report.
2. Design basis is to maintain current clarifier capacity.
3. Any additional studies or reexamination of alternatives required for clearance from state and federal agencies is not included in this scope and will require a change order.
4. Wetlands delineation and wetlands permitting services are not included in Jacobs' scope.

December 21, 2020

Subject:

Proposal for Engineering Services

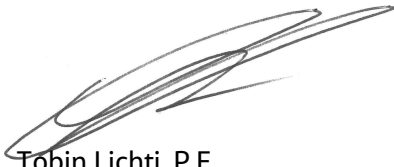
Moberly WTP Clarifier Facility Plan

5. Additional work created by funding sources is not included in Jacobs' scope.
6. Public meeting attendance and preparation is not included in Jacobs' scope.
7. Jacobs's scope does not include any additional efforts that may be necessary for a CATEX or FONSI determination at the discretion of MDNR.

This work will be performed under the Professional Services Agreement dated October 5, 2020. If you have any questions, please let me know. Thank you for the opportunity to continue our long standing support of the City.

Very truly yours,

Jacobs Engineering Group, Inc.



Tobin Lichti, P.E.

Project Manager

314.422.3336

tobin.lichti@jacobs.com

City of Moberly

City Council Agenda Summary

Agenda Number: WS #2.

Department: Parks & Recreation

Date: January 4, 2021

Agenda Item: Change Order for Depot Park Pavilion

Summary: Because the existing stamped concrete paths were not square, the pavilion had to be set in slightly from each. The additional space on the east side actually provided us the additional benefit of more room to more gradually transition from the edge of the 34'x54' slab to the existing pathways as well, helping reconcile the contours of the park. We knew in meeting with the contractors on site last summer that this additional concrete/labor cost would be necessary and that it would likely be \$2,000.

The base contract was approved last spring, so we are asking Council to approve the \$2,000 change order at this time.

Recommended

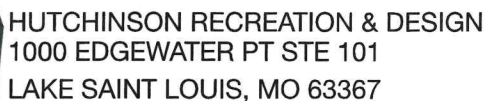
Action: Ask staff to bring a resolution for approval at the January 19, 2021 meeting.

Fund Name: Parks – Capital Improvement

Account Number: 115.041.5502

Available Budget \$: \$250,214.57

ATTACHMENTS:		Roll Call	Aye	Nay
<input type="checkbox"/> Memo	<input type="checkbox"/> Council Minutes	Mayor		
<input type="checkbox"/> Staff Report	<input type="checkbox"/> Proposed Ordinance	M___ S___ Jeffrey	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Correspondence	<input type="checkbox"/> Proposed Resolution			
<input type="checkbox"/> Bid Tabulation	<input type="checkbox"/> Attorney's Report	Council Member		
<input type="checkbox"/> P/C Recommendation	<input type="checkbox"/> Petition	M___ S___ Brubaker	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> P/C Minutes	<input type="checkbox"/> Contract	M___ S___ Kimmons	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Application	<input type="checkbox"/> Budget Amendment	M___ S___ Davis	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Citizen	<input type="checkbox"/> Legal Notice	M___ S___ Kyser	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Consultant Report	<input type="checkbox"/> Other _____		Passed	Failed



Invoice

Terms

Total	\$108,600.00
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Fax: (314) 332.2877

Checks should be made out to Hutchinson Recreation & Design.

City of Moberly

City Council Agenda Summary

Agenda Number: WS #3.
 Department: Administration
 Date: January 4, 2021

Agenda Item: Review of Council Chambers Renovation

Summary: Council Chambers Renovation- As part of the CARES ACT Funding, the city applied for renovations to the Council Chambers. Unfortunately, we received the equipment upgrade for the chamber through Arts Appliance and Fusion Technology, but we were unsuccessful with the room renovation. The room renovation would have allowed the council chamber to build the room with the technology in the walls and remodel. If the council wants to move forward with the remodel, it needs to be done before technology is placed in the chamber. Depending on final design, we estimate the remodel to be around \$25,000 to \$40,000 that could be funded with received CARES Act Funding to the city. Some of the benefits to enclosing the council chamber are:

- Integrated Technology in the remodel
- Better sound and video technology
- Security for participants
- Crowd and Attendance Control
- Pandemic/Social Distancing Control
- Additional Meeting Space to spread out during business hours.

The council decided to move this project forward at the December 7th Council meeting. A final walk-through was performed on December 30th. The total cost of \$49,920.15 from L and J Development was confirmed. Staff is requesting this purchase be made through the city's purchasing policy exemption of Section 2-435 (3) of the city code.

Recommended

Action: Direct staff on how to proceed.

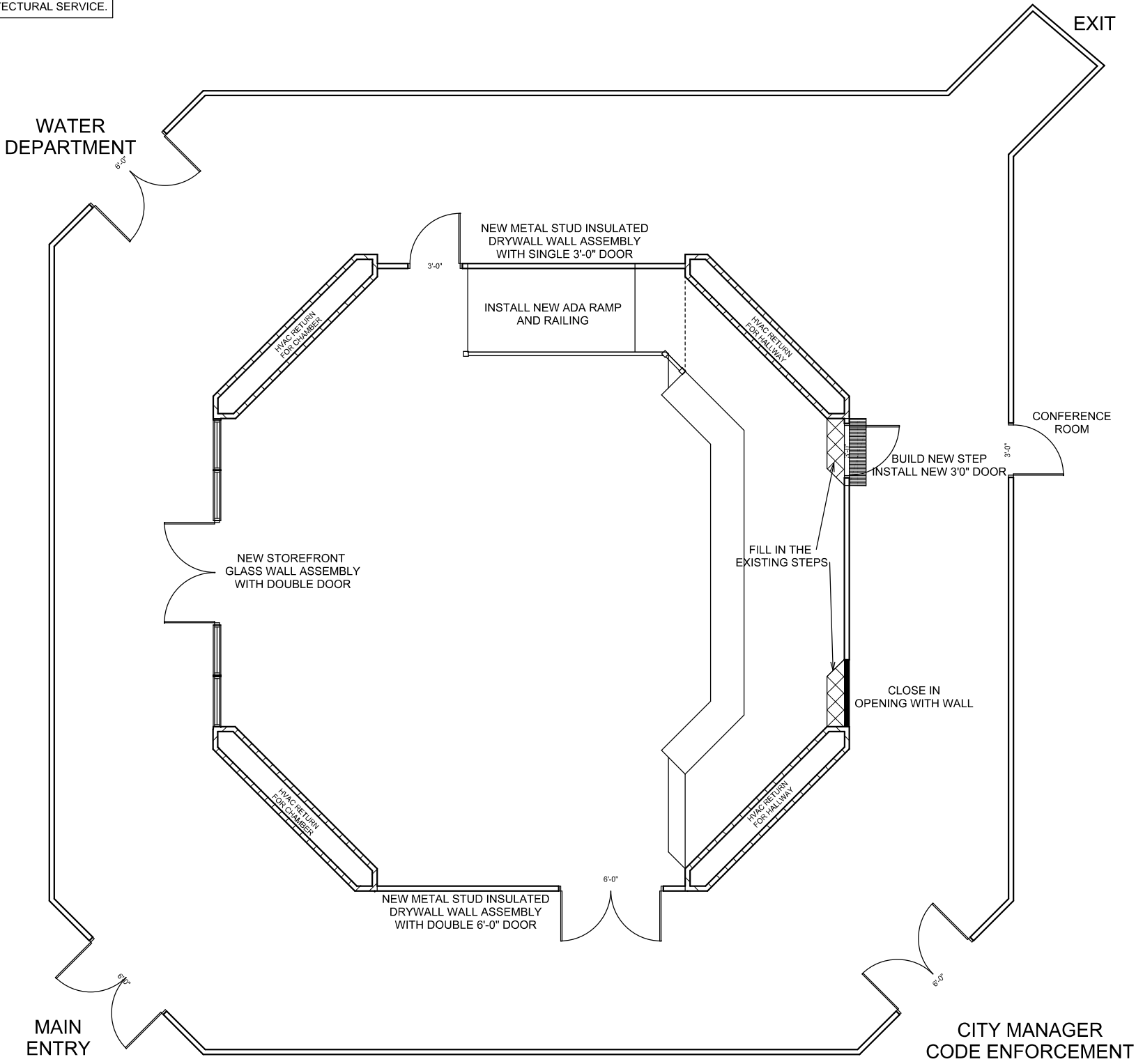
Fund Name: General Fund/ City Hall Department

Account Number: 100.011.5300

Available Budget \$:

ATTACHMENTS:		Roll Call	Aye	Nay
<input type="checkbox"/> Memo	<input type="checkbox"/> Council Minutes	Mayor		
<input type="checkbox"/> Staff Report	<input type="checkbox"/> Proposed Ordinance	M___ S___ Jeffrey	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Correspondence	<input type="checkbox"/> Proposed Resolution			
<input type="checkbox"/> Bid Tabulation	<input type="checkbox"/> Attorney's Report	Council Member		
<input type="checkbox"/> P/C Recommendation	<input type="checkbox"/> Petition	M___ S___ Brubaker	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> P/C Minutes	<input type="checkbox"/> Contract	M___ S___ Kimmons	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Application	<input type="checkbox"/> Budget Amendment	M___ S___ Davis	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Citizen	<input type="checkbox"/> Legal Notice	M___ S___ Kyser	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Consultant Report	<input type="checkbox"/> Other _____		<input type="checkbox"/>	<input type="checkbox"/>
			Passed	Failed

THESE DRAWINGS REPRESENT A BUILDER'S SET OF DRAWINGS
AND ARE TO BE USED AS A GUIDE TO THE CONSTRUCTION PROCESS.
THEY DO NOT REPRESENT A FULL OR COMPLETE ARCHITECTURAL SERVICE.



1ST FLOOR PLAN
SCALE: 1/8" = 1'-0"

L&J Development Inc

**CITY OF MOBERLY
101 WEST REED STREET
MOBERLY, MO 65270**

**COUNCIL CHAMBERS
RENOVATIONS**

PAGE #:

JWL

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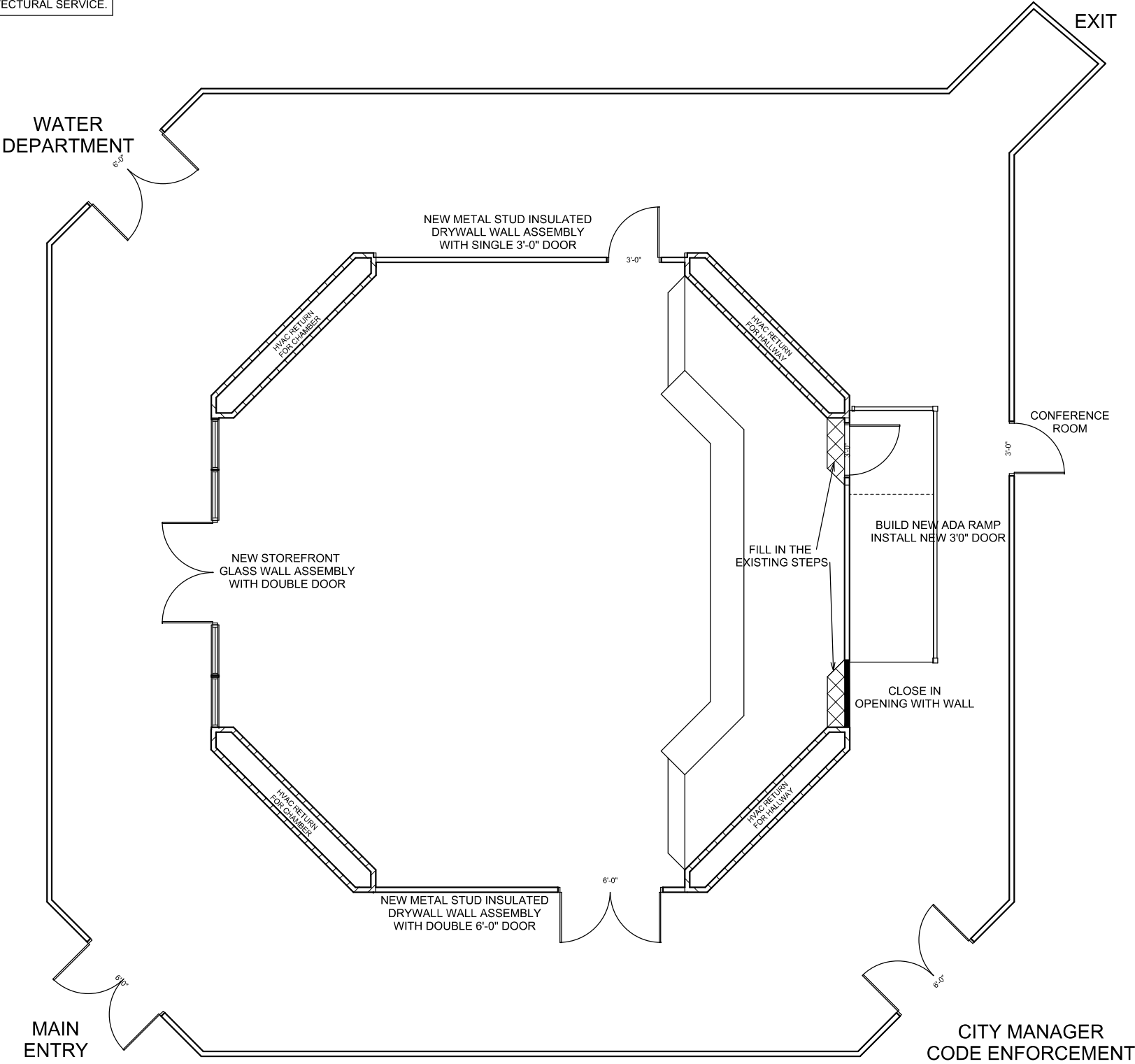
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SCALE:

09/07/20

DATE:

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SCALE: 1/8" = 1'-0"

L&J Development Inc

**CITY OF MOBERLY
101 WEST REED STREET
MOBERLY, MO 65270
COUNCIL CHAMBERS
RENOVATIONS**

PAGE #:

JWL

DRAWN BY:

1/8"=1

SCALE:

09/07/20

DATE:

BUDGET COST ESTIMATE



801 N Morley Street - PO Box 715
 Moberly, Missouri 65270
 (660) 269-8008
www.ljdevelopment.com

Date: January 4, 2020

Project No. Not Assigned

Project: City of Moberly

101 West Reed

Moberly MO 65270

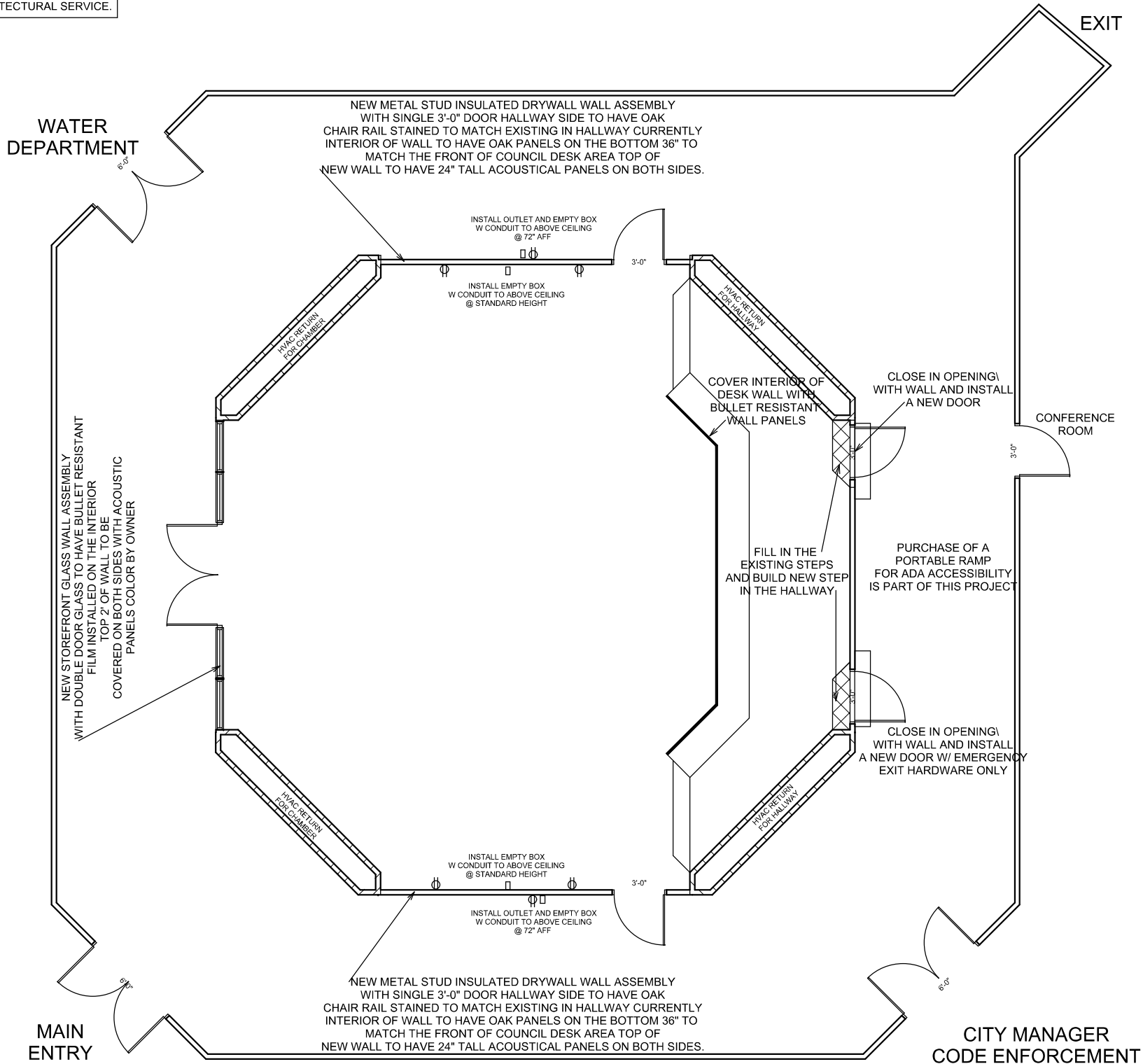
Council Chambers Renovation

Materials Taxable: No

Description	Quantity	Unit	Division Sub-Totals	Notes:
1.000 General Conditions				
1.040 - Project Supervision	36	HR		L&J Development Superintendent
1.060 - Permits				Waived by the City of Moberly
1.700 - Clean-up				
Daily Cleaning and temp. walls	30	HR		L&J Development Laborer's
Supplies	1	LS		Supplies - Walk off Mats and Plastic for Temp Walls
1.708 - Dumpster / Dump Fee	1	LS		Advance Disposal Transfer Station
Division 1.000 General Conditions Total:			\$4,299.00	
6.000 Wood & Plastics				
6.100 - Misc. Wood Framing				Lowe's or Moberly Lumber
2x6x14', No.2	2	EA		Blocking for Door Installation
Fasteners & Adhesives	1	LS		
Labor to Frame	6	HR		L&J Development Labor to Install
6.440 - Wood Mouldings, oak paneling and chair rail	1	LS		
Division 6.000 Wood & Plastics Total:			\$4,321.08	
7.000 Thermal & Moisture Protection				
7.200 - Insulation				
Rock Wool (Fire Rated)	400	SF		Wall - Sound Attention Batts
Labor to Install	8	HR		L&J Development Labor to Install
Division 7.000 Thermal & Moisture Protection Total:			\$681.60	
8.000 Doors & Windows				
8.100 - Hollow Metal Doors & Frames				Negwer Materials
HM-2 Frame (Interior) 16 Ga. Welded, Primed	4	EA		Door Frames
Labor to Install	4	HR		L&J Development Labor to Install
8.250 - Interior Wood Doors				Negwer Materials
SCWD-1 30x70 - plain sliced oak	4	EA		Door Slabs for Openings
Labor to Install	4	HR		L&J Development Labor to Install
8.400 - Alumn. Entrances & Storefront				
Sub-Contract	1	LS		JB's Glass for Storefront Wall and Doors
3070 Interior Storefront Door				
Interior Storefront				
Addition of Bullet Resistant Film on Interior of Glass	1	LS		Installation of Bullet Resistant Film to Glass

8.710 - Door Hardware				Negwer Materials
LO-1 Lockset - Cylinder, Keyed / Thumb Operator	3	EA		Door Knobs - Keyed to City's Request
ED-1 Panic (Light Traffic) Night Latch	2	EA		
H-1 Hinges (Exterior)	12	EA		
CL-1 Closer - Negwer	4	EA		
Labor to Install	8	HR		L&J Development Labor to Install
Division 8.000 Doors & Windows Total: \$18,477.02				
9.000 Finishes				
9.100 - Metal Stud Framing				Negwer Materials
3 5/8", 20 ga.x 10' Metal Stud	80	EA		Wall Studs
3 5/8", 20 ga. Track (10' Pieces)	150	LF		
Fasteners	1	LS		
Labor to frame	40	HR		L&J Development Labor to Install
9.200 - Drywall				Marc Bales Construction
5/8" Gypsum	1200	SF		Drywall Materials
Ballistic panels for under council desk	1	LS		Drywall Materials
Fasteners	1	LS		
Labor to install ballistic panels	8	HR		L&J Development Labor to Install
Labor to Hang & Tape	1200	SF		Labor to Install and Finish
9.510 - Accoustical Panels				
24" accoustical panels around top of walls	1	LS		
Labor to Hang	20	HR		
9.651 - Rubber Base				
4" High Johnsonite	60	LF		
<i>Price to demo and rebase rest of the chamber area</i>				Add \$759.50
9.680 - Carpet				
Carpet Allowance	5	SY		Allowance for Carpet to repair steps
9.900 - Painting & Staining				
Paint Interior Walls (Drywall)	1300	SF		L&J Development Labor to Complete
Paint/Stain Interior Doors & Frames	3	EA		Paint the Frames - Doors are Prefinished
Division 9.000 Finishes Total: \$18,604.76				
11.000 Equipment				
11.161 - 6' folding ramp	1	LS		Roll Up Portable Ramp for Use when
				Accessibility is needed. One person operation
Division 11.000 Equipment Total: \$852.18				
16.000 Electrical				
16.100 - Electrical				
install plugs per plan	1	LS		NEMO Electric to wire the project per the plan.
Division 16.000 Electrical Total: \$1,925.00				
Total of Construction Costs: \$49,160.65				
Total of Construction Cost and Option for Reinstalling the Rubber Base: \$49,920.15				Construction and Redoing the Rubber Base

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1ST FLOOR PLAN

SCALE: 1/8" = 1'-0"

L&J Development Inc

**CITY OF MOBERLY
101 WEST REED STREET
MOBERLY, MO 65270
COUNCIL CHAMBERS
RENOVATIONS**

PAGE #:

JWL

DRAWN BY:

1/8"=1'

SCALE:

REVISED 12/30/20

DATE:

City of Moberly

City Council Agenda Summary

Agenda Number: _____

WS #4.

Department: Public Utilities

Date: January 4, 2021

Agenda Item: Discussion of bids received for the Highway 24 Sewer Extension

Summary: The City requested bids for a sewer extension on Highway 24. This extension will allow sewer connections for properties in the near vicinity. The owner of the Sugar Creek Veterinary Clinic, Randy Miller, has agreed to connect to the City sewer.

Bid requests were sent via email to various contractors and was also posted in the Moberly Monitor Index on Saturday, December 19th, 2020. Bids were received and opened on December 30th, 2020 at 10am. Willis Bros bid was in the amount of \$79,620.00 and the other bid was from R&L Boone Construction in the amount of \$96,610.00. After bids are reviewed, staff will make a recommendation at the following council session on January 19th, 2020.

Recommended Action: Direct staff to move to the next regular Council meeting for acceptance of bids and award of a contract.

Fund Name: Utilities Operation and Maintenance Sewer Construction

Account Number: 301.112.5413

Available Budget \$: 49,931.00

ATTACHMENTS:

<input checked="" type="checkbox"/> Memo	<input type="checkbox"/> Council Minutes
<input type="checkbox"/> Staff Report	<input type="checkbox"/> Proposed Ordinance
<input type="checkbox"/> Correspondence	<input type="checkbox"/> Proposed Resolution
<input type="checkbox"/> Bid Tabulation	<input type="checkbox"/> Attorney's Report
<input type="checkbox"/> P/C Recommendation	<input type="checkbox"/> Petition
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<input type="checkbox"/> Application	<input type="checkbox"/> Budget Amendment
<input type="checkbox"/> Citizen	<input type="checkbox"/> Legal Notice
<input type="checkbox"/> Consultant Report	<input type="checkbox"/> Other _____

Roll Call

Aye Nay

Mayor

M___ S___ Jeffrey

___ ___

Council Member

M___ S___ Brubaker

___ ___

M___ S___ Kimmons

___ ___

M___ S___ Davis

___ ___

M___ S___ Kyser

___ ___

Passed Failed

CITY OF MOBERLY

"BID OPENING"

Sign-In Sheet

Date: 12/30/2020
10:00 AM

Name

Company

Shannon Hance

City of Moberly

Mary Calcagno

City of Moberly

Norman Boone

R+L Boone

CITY OF MOBERLY

"BID OPENING"

Date: 12/30/2020

Willis Bros.

\$ 79,620.⁰⁰

\$ _____

R&L Boone Construction

\$ 96,610.⁰⁰

\$ _____

\$ _____

\$ _____

\$ _____

\$ _____

\$ _____

\$ _____

\$ _____

\$ _____

\$ _____

Highway 24/Huntsville Sewer Project

Material	Quantity	Units	Unit Price	Total
8" PVC Sewer Pipe	154'	LF	60 ⁰⁰	9240 ⁰⁰
120' 16" Encasement (MODOT Specs)	120'	LF	350 ⁰⁰	42000 ⁰⁰
Connect to existing manhole (15') (Including Granular backfill)	1	EA	10000 ⁰⁰	10000 ⁰⁰
Pavement restoration (22'X40')	98	SY	65 ⁰⁰	6370 ⁰⁰
Manhole 4' Diameter (15')*	1	EA	10000 ⁰⁰	10000 ⁰⁰
8" Lamp hole	1	EA	1000 ⁰⁰	1000 ⁰⁰
Sewer Laterals (Includes 40' of SCH 40 Pipe)	2	EA	5000 ⁰⁰	10000 ⁰⁰
Seed/ Mulch Restoration	1	LS	3000 ⁰⁰	3000 ⁰⁰
Contractor Mobilization	1	LS	5000 ⁰⁰	5000 ⁰⁰
Total Bid Price	96,610 ⁰⁰			

- All work is to be done according to the City of Moberly's Specs as well as the MODOT specs.
- Pavement restoration (8" of concrete) no patches are allowed.
- All manholes will have cretex barrel/ chimney seals.

Company Name

R+L Boone Construction Co

Company Phone Number

660-376-2201

Contact Name

Norman Boone

Contact Phone Number

660-888-9479

Address

12785 Rocky Hill Ave

City, State, Zip

Marceline MO 64658

Signature

Norman Boone

Printed Name

Norman Boone

Date

12-29-2020

Highway 24/Huntsville Sewer Project

Material	Quantity	Units	Unit Price	Total
8" PVC Sewer Pipe	154'	LF	70.00	10,780
120' 16" Encasement (MODOT Specs)	120'	LF	250.00	30,000
Connect to existing manhole (15') (Including Granular backfill)	1	EA	10,000	10,000
Pavement restoration (22'X40')	98	SY	80.00	7,840
Manhole 4' Diameter (15')*	1	EA	9,000	9,000
8" Lamp hole	1	EA	2,500	2,500
Sewer Laterals (Includes 40' of SCH 40 Pipe)	2	EA	2,000	4,000
Seed/ Mulch Restoration	1	LS	1,500	1,500
Contractor Mobilization	1	LS	4,000	4,000
Total Bid Price				79,620.00

- ✓ All work is to be done according to the City of Moberly's Specs as well as the MODOT specs.
- ✓ Pavement restoration (8" of concrete) no patches are allowed.
- ✓ All manholes will have cretex barrel/ chimney seals.

Willis Bros., Inc.
30285 Kimball Pl.
Moberly, MO 63552

Company Name _____

Company Phone Number _____

Contact Name _____

Contact Phone Number 660-385-3327

Address _____

City, State, Zip _____

Signature Tom D. Willis

Printed Name Tom D. Willis

Date 12/29/20

NOTICE

The City of Moberly will be taking sealed bids for two sewer projects. One is a sewer line extension WS #4. located in the 1000 block of W. Highway 24 and Huntswille Rd. The construction project will consist of the following: 154' of 8" sewer main, 120' of encasement for bore under Hwy 24, 1 Manhole (15'), 2 sewer laterals, 1 Lamp hole. This project is a unit price bid.

The second project is the removal and replacement of 126' of 8" sewer main, installation of one drop manhole, 140' of rip rap, and reconnection of one sewer service lateral. The sewer is located in a draw in Homestead subdivision in the 1300 block of Heritage Place. The project will require construction of temporary access to the sewer line and restoration of the yards. This project is partially funded by a federal grant and will require payment of prevailing wages.

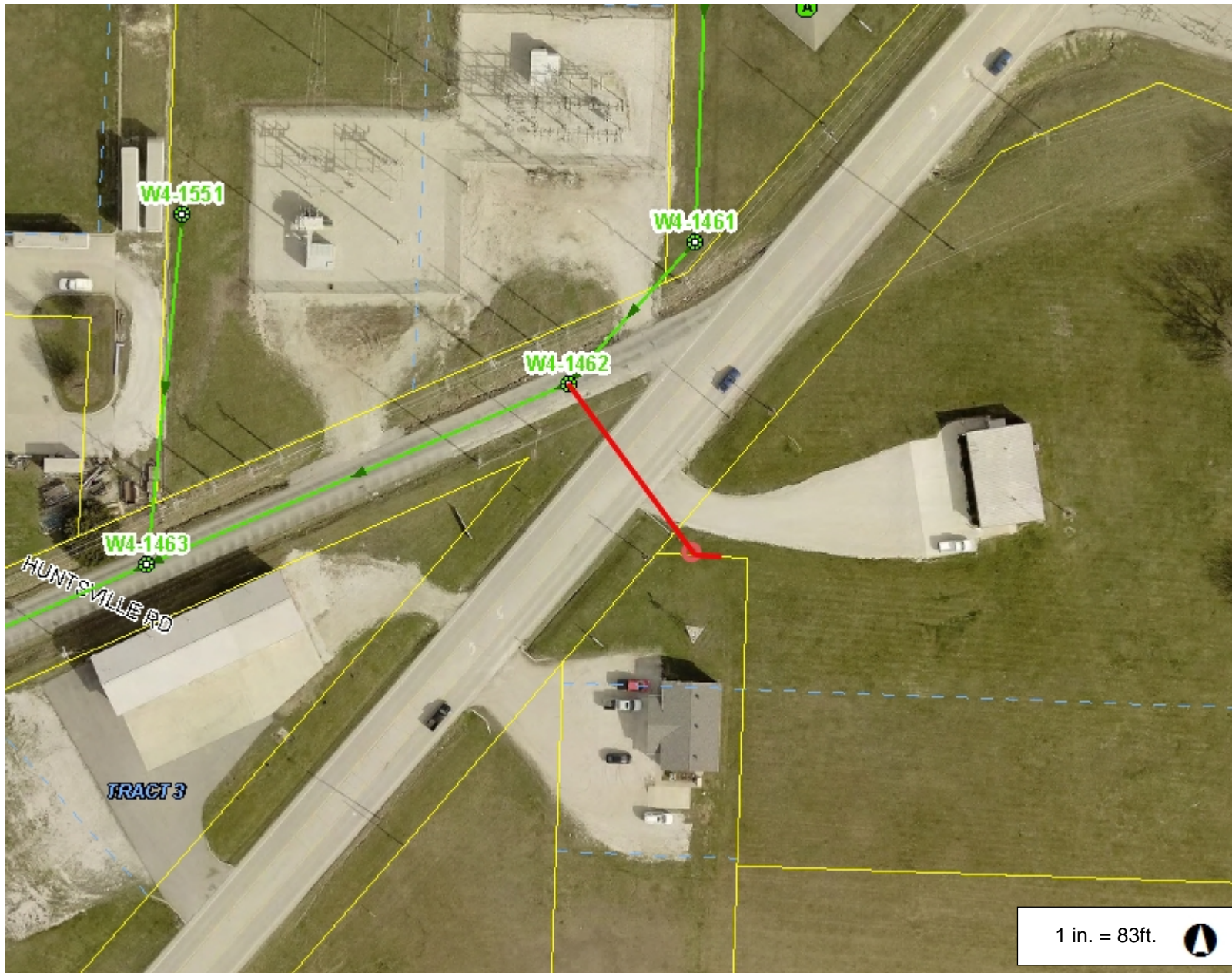
The two projects are separate and must be submitted as separate bids. The City may award both contracts to a single contractor or may award each project separately. All work must meet City of Moberly Standard Sewer Specifications.

Bids shall be sealed in separate envelopes marked with the project contained in the envelope: **W. Highway 24 Sewer Extension or Homestead Sewer Replacement**. Bids are to be received at the office of the City Clerk, City of Moberly, 101 W. Reed Street, Moberly, MO 65270. If bids are mailed, the package should include the sealed bid in a separate envelope inside the mailed package. Bids will be received on December 30, 19, at 10:00 a.m.

More information may be received on request via email at pbennett@cityofmoberly.com or (660) 269-7659.

Moberly, MO

WS #4.



Legend

- Sewer Line Investigation Locat
- Manhole
- Air Release Valve
- Lamphole
- Lift Station
- Other Sewer Feature**
 - Area Inlet
 - Bar Screen
 - Curb Inlet
 - Grate Inlet
 - Grit Chamber
 - Storm Drain
 - Tee
- Gravity Main
- Force Main
- Private Sewer Line
- LS_Electrical
- Roads**
 - Corporate Limit
 - Parcel
 - Original Lot
 - Stream
 - Subdivision
 - Lots
 - South Ridge Lot Line

1 in. = 83ft.



166.7 0 83.33 166.7 Feet

This Cadastral Map is for informational purposes only. It does not purport to represent a property boundary survey of the parcels shown and shall not be used for conveyances or the establishment of property boundaries.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

City of Moberly

City Council Agenda Summary

Agenda Number: _____

WS #5.

Department: Public Utilities

Date: January 4, 2021

Agenda Item: Discussion of bids received for the Homestead Sewer Replacement

Summary: The City requested bids for a Homestead Sewer Replacement. This sewer replacement will replace approximately 140' of an existing sewer line that has been exposed through erosion within the Homestead subdivision between Heritage Place and Overland Lane. This was due to the significant amount of rain we received during our last flood event. This project has been approved for a cost share through FEMA in the amount of \$15,699.87. These funds have already been received.

Bid requests were sent via email to various contractors and was also posted in the Moberly Monitor Index on Saturday, December 19th, 2020. Bids were received and opened on December 30th, 2020 at 10am. Willis Bros bid was in the amount of \$42,500.00 and the other bid was from R&L Boone Construction in the amount of \$19,840.00. After bids are reviewed, we will make a recommendation at the following council session on January 19th, 2020.

Recommended Action: Direct staff to move to the next regular Council meeting for acceptance of bids and award of a contract.

Fund Name: Utilities Operation and Maintenance Sewer Construction

Account Number: 301.112.5413

Available Budget \$: \$49,931.00

ATTACHMENTS:

<input checked="" type="checkbox"/> Memo	<input type="checkbox"/> Council Minutes
<input type="checkbox"/> Staff Report	<input type="checkbox"/> Proposed Ordinance
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<input type="checkbox"/> Bid Tabulation	<input type="checkbox"/> Attorney's Report
<input type="checkbox"/> P/C Recommendation	<input type="checkbox"/> Petition
<input type="checkbox"/> P/C Minutes	<input type="checkbox"/> Contract
<input type="checkbox"/> Application	<input type="checkbox"/> Budget Amendment
<input type="checkbox"/> Citizen	<input type="checkbox"/> Legal Notice
<input type="checkbox"/> Consultant Report	<input type="checkbox"/> Other _____

Roll Call

Aye

Nay

Mayor

M___ S___ Jeffrey

Council Member

M___ S___ Brubaker

M___ S___ Kimmons

M___ S___ Davis

M___ S___ Kyser

Passed Failed



107 Butler Street
Macon, MO 63552

O 660.385.6441
www.mecresults.com

Task Order – Homestead Subdivision Sewer

January 2, 2020

City of Moberly, Missouri
Attn: Mary West-Calcagno, Director of Public Utilities
101 W Reed Street
Moberly, MO 65270
660.269.8705
mwc@cityofmoberly.com

Re: City of Moberly – Homestead Subdivision Sewer Replacement

Dear Ms. West-Calcagno,

I am pleased to submit to you a proposal for the preparation of engineering drawings and construction specifications for a gravity sewer line replacement in the Homestead Subdivision. The location is shown on the attached Exhibit C. The sewer line will replace an existing line that has been exposed through erosion within the Homestead Subdivision between Heritage Place and Overland Lane. This agreement is a task order under the On-Call Agreement between McClure, hereinafter referred to as "the Engineer", and the City of Moberly, Missouri, hereinafter referred to as "the Client", to provide the following services:

1. Topographic and utility survey of the sewer alignment. The preparation of easements or easement descriptions is not included.
2. Design of a gravity sanitary sewer main including preparation of project drawings and written specifications for construction of the sewer line.
3. Preparation of an Opinion of Probable Construction Cost.
4. Preparation of Record Drawings.

Engineering Fees to complete these services will be a lump sum amount and will not exceed **\$16,955.00**, including expenses.

The preparation of easements or easement descriptions can be added as an additional service. Any additional services beyond the scope of services outlined above will be billed separately based upon our current Hourly Rate Schedule (Exhibit 'A'). Any such work shall be approved by the Client in writing prior to execution. This letter agreement is subject to the attached Standard Terms and Conditions (Exhibit 'B').

If approved please print and sign this letter agreement where noted, return a copy to my attention via email and keep a copy for your records. If you have any questions, please do not hesitate to contact me at 660.386.6441. Thank you for considering McClure for your sanitary sewer system needs.

McClure

City of Moberly, Missouri

By: _____
Philip R. Wilson, P.E. Date: _____

By (sign): _____
Mary West-Calcagno Date: _____

Enclosure:

Exhibit A – Standard Hourly Rate Schedule
Exhibit B – Standard Terms and Conditions
Exhibit C – Aerial of Sewer Alignment

CC: File

EXHIBIT 'A'
 McCLURE ENGINEERING COMPANY
 HOURLY RATE SCHEDULE
 (Effective through December 31, 2019)

<u>PERSONNEL</u>	<u>HOURLY RATE</u>
Administrative	\$70.00
Client Liaison	\$180.00
Engineer I	\$110.00
Engineer II	\$140.00
Engineer III	\$170.00
Engineer IV	\$210.00
Project Manager I	\$170.00
Project Manager II	\$195.00
Project Coordinator	\$90.00
Principal	\$245.00
Senior Principal	\$295.00
Community Planner I	\$135.00
Community Planner II	\$225.00
Landscape Architect I	\$100.00
Landscape Architect II	\$130.00
Engineering Tech I	\$85.00
Engineering Tech II	\$105.00
Engineering Tech III	\$125.00
Engineering Tech IV	\$160.00
Land Surveyor I	\$130.00
Land Surveyor II	\$160.00
On-Site Representative I (OSR I)	\$105.00
On-Site Representative II (OSR II)	\$145.00
Crew Chief (CC)	\$120.00
Crew Member (CM)	\$90.00
Intern	\$70.00
Survey Crew	\$200.00

EQUIPMENT

3D Scanner per Scan	\$30.00
UAV per Flight	\$125.00
Sonar Boat	\$125.00

MISCELLANEOUS EXPENSES

Survey Vehicle Mileage	\$0.70/Mile
Automobile Mileage (at current IRS rate)	\$0.545/Mile
Printing	At Cost + 10%
Survey Supplies (Hubs, Lath, Paint, Nails, etc.)	At Cost + 10%
Out-of-Pocket Expenses (Meals, Hotels, etc.)	At Cost + 10%

EXHIBIT 'B'
McCLURE ENGINEERING COMPANY
STANDARD TERMS AND CONDITIONS

WS #5.

ACCESS TO SITE: The **Engineer** shall at all times have access to the site to complete his Work.

INFORMATION PROVIDED BY OTHERS: The **Engineer** shall be entitled to rely upon the accuracy and completeness of data provided by the **Owner** and shall not assume liability for such data. The **Engineer** does not practice law, insurance or financing, therefore, the **Owner** shall furnish all legal, accounting and insurance counseling services as may be necessary to protect themselves at any time during the Project. **Owner** shall hold **Engineer** harmless from damages that may arise as a result of inaccuracies of information or data supplied by **Owner** or others to **Engineer**.

ADDITIONAL SERVICES: As an Additional Service in connection with changes in the scope of the **Engineer's** work by the **Owner**, the **Engineer** shall prepare Drawings, Specifications and other documentation and data, evaluate Contractor's proposal and provide any other services made necessary by such Change Orders and Construction Change Directives. The **Engineer** will be entitled to additional compensation to coordinate such changes and schedules shall be adjusted accordingly.

OWNERSHIP AND REUSE OF DOCUMENTS: All documents are instruments of service, and **Engineer** shall retain an ownership and property interested therein (including the copyright and the right of reuse at the discretion of the **Engineer**) whether or not the Project is completed.

Owner may make and retain copies of documents for information and reference in connection with the use of the documents on the Project. **Engineer** grants **Owner** a limited license to use the documents on the Project, extensions of the Project, and for related uses of the **Owner**, subject to receipt by **Engineer** of full payment due and owing for all services relating to preparation of the documents, and subject to the following limitations: (1) **Owner** acknowledges that such documents are not intended or represented to be suitable for use on the Project unless completed by **Engineer**, or for use or reuse by **Owner** or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by **Engineer**; (2) any such use or reuse, or any modification of the documents, without written verification, completion, or adaptation by **Engineer**, as appropriate for the specific purpose intended, will be at **Owner's** sole risk and without liability or legal exposure to **Engineer** or to its officers, directors, members, partners, agents, employees, and consultants; (3) **Owner** shall indemnify and hold harmless **Engineer** and its officers, directors, members, partners, agents, employees, and consultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, reuse, or modification of the documents without written verification, completion, or adaptation by **Engineer**; and (4) such limited license to **Owner** shall not create any rights in third parties.

If **Engineer** at **Owner's** request verifies the suitability of the documents, completes them, or adapts them for extensions of the Project or for any other purpose, then **Owner** shall compensate **Engineer** at rates or in an amount agreed upon by **Owner** and **Engineer**.

OPINIONS OF PROBABLE COSTS: **Engineer's** opinions (if any) of probable construction costs are to be made on the basis of **Engineer's** experience, qualifications, and general familiarity with the construction industry. However, because **Engineer** has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, **Engineer** cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from opinions of probable construction cost prepared by **Engineer**. If **Owner** requires greater assurance as to probable construction cost, then **Owner** agrees to obtain an independent cost estimate.

BETTERMENT: If a required item or component of the **Owner's** project should be omitted from **Engineer's** construction documents, **Engineer** shall not be responsible for paying the cost required to add such item or component to the extent that such item or component would have been required and included in the original construction documents. In no event will **Engineer** be responsible for any cost or expense that provides betterment or upgrades or enhances the value of the **Owner's** project.

SHOP DRAWING REVIEW: If, as part of this Agreement **Engineer** reviews Contractor submittals, such as shop drawings, product data, samples and other data, as required by **Engineer**, these reviews and approvals shall be only for the limited purpose of checking for conformance with the design concept and the information expressed in the contract documents. This review shall not include review of the accuracy or completeness of details, such as quantities, dimensions, weights or gauges, fabrication processes, construction means or methods, coordination of the work with other trades or construction safety precautions, all of which are the sole responsibility of the Contractor. **Engineer** shall not be responsible for any deviations from the contract documents not brought to the attention of **Engineer** in writing by the contractor. **Engineer** shall not be required to review partial submissions or those for which submissions of correlated items have not been received.

CONSTRUCTION OBSERVATION: If, as part of this Agreement, **Engineer** is providing construction observation services, **Engineer** shall visit the project at appropriate intervals during construction to become generally familiar with the progress and quality of the Contractor's work and to determine if the work is proceeding in general accordance with the Contract Documents. **Engineer** shall not at any time supervise, direct, control, or have authority over any contractor's work, nor shall **Engineer** have authority over or be responsible for the means, methods, techniques, sequences, schedule, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for the security or safety at the site, nor for any failure of a contractor to comply with laws and regulations applicable to that contractor's furnishing and performing of its work. **Engineer** shall not be responsible for the acts or omissions of any contractor.

Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform the work in accordance with the construction contract documents.

Engineer shall not be responsible for any decision made regarding the construction contract documents, or any application, interpretation, clarification, or modification of the construction contract documents, other than those made by the **Engineer** or its consultants.

Unless otherwise specified in this Agreement, the **Owner** has not retained the **Engineer** to make detailed inspections or to provide exhaustive or continuous project review and observation services.

DESIGN WITHOUT CONSTRUCTION PHASE SERVICES: If **Engineer** is not retained for construction observation and/or on-site resident observation services, **Engineer** shall have no

design, shop drawing review, or other obligations during construction, and **Owner** assumes all responsibility for the application and interpretation of construction contract documents, review and response to contractor claims, construction contract administration, processing of change orders and submittals, revisions to the construction contract documents during construction, construction observation and review, review of contractor's payment applications, and all other necessary construction phase administrative, engineering, and professional services. **Owner** waives all claims against the **Engineer** that may be connected in any way to construction phase administrative, engineering, or professional services.

UNDERGROUND UTILITIES: Information for location of underground utilities may come from the **Owner**, third parties, and/or research performed by the **Engineer** or its subcontractors. Unfortunately, the information the **Engineer** must rely on from various utilities and other records may be inaccurate or incomplete. Therefore, the **Owner** agrees to indemnify and hold harmless the **Engineer** for all claims, losses, costs and damages arising out of the location of underground utilities provided by the **Engineer** under this Agreement.

SUBSURFACE CONDITIONS: The **Engineer** may advise the **Owner** to conduct soil and/or subsurface testing and analysis to provide information to the **Owner**, **Engineer**, and contractor(s) as to the subsurface conditions that may generally be encountered during subsurface construction.

The **Engineer** cannot warrant or guarantee that the information provided is reflective of all subsurface conditions that may be encountered, or to the extent that subsurface conditions such as soil properties, groundwater, rock, etc., may vary from location to location throughout subsurface construction.

Any unexpected change or unforeseen subsurface conditions (including those that may be caused by weather conditions) will be addressed when encountered and may result in a change in construction price and/or schedule, and the **Engineer** shall be held harmless from issues arising out of these unseen subsurface conditions.

HAZARDOUS MATERIALS – INDEMNIFICATION: The **Engineer** is not in the business of making environmental site assessments for purposes of determining the presence of any toxic, hazardous or other environmental damaging substances. The purpose of this provision is to be certain that the **Owner** is aware of the potential liability if toxic, hazardous or environmental damaging substances are found on or under the property. **Engineer** makes no representations regarding an environmental site assessment, relies upon **Owner** to have fully investigated the need and/or scope of such assessment and assumes no responsibility for the determination to make an environmental site assessment on the subject property.

DISPUTE RESOLUTION: Claims, disputes or other matters, involving a value less than \$200,000.00, in question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be subject to mediation unless each of the parties mutually agrees otherwise. No mediation arising out of or relating to this Agreement shall include, by consolidation, joinder or in any other manner, an additional person or entity not a party to this Agreement, except by written consent containing a specific reference to this Agreement signed by the **Owner**, **Engineer**, and any other person or entity sought to be joined. In no event shall the demand for mediation be made after the date when the institution of legal or equitable proceedings based upon such claim would be barred by the applicable statute of limitations. The award rendered in the mediation shall be non-binding.

TERMINATION: This Agreement may be terminated by either party upon not less than seven days written notice should the other party fail substantially to perform in accordance with the terms of the Agreement through no fault of the party initiating the termination. This Agreement may be terminated by the **Owner** upon not less than seven days' written notice to the **Engineer** in the event the Project is permanently abandoned.

Failure of the **Owner** to make payments to the **Engineer** in accordance with the Agreement shall be considered substantial non-performance and cause for termination. If the **Owner** fails to make payment when due the **Engineer** for services, the **Engineer** may, upon seven days' written notice to the **Owner**, suspend performance of services under this Agreement. Unless payment in full is received by the **Engineer** within seven days of the date of the notice, the suspension shall take effect without further notice. In the event of a suspension of services, the **Engineer** shall have no liability to the **Owner** for delay or damage caused the **Owner** because of such suspension of services.

In the event of termination not the fault of the **Engineer**, the **Engineer** shall be compensated for services performed prior to termination and all termination expenses. Termination expenses are in addition to compensation for *Basic and Additional Services*, and include expenses which are directly attributable to termination.

LIMITATION OF LIABILITY: The **Engineer's** liability shall be limited to \$50,000.00 or the fee for the work performed, whichever is greater, or as specifically agreed to by separate agreement.

PAYMENT: Amounts unpaid 30 days after invoice date shall bear interest from the date payment is due at a rate of 1.5% per month compounded and shall include costs for attorney fees and other collection fees related to collecting fees for service.

WAIVERS: The **Owner** and the **Engineer** waive all rights against each other and against the contractors, consultants, agents and employees of the other for damages, but only to the extent covered by property insurance during construction. The **Owner** and **Engineer** each shall require similar waivers from their contractors, consultants and agents.

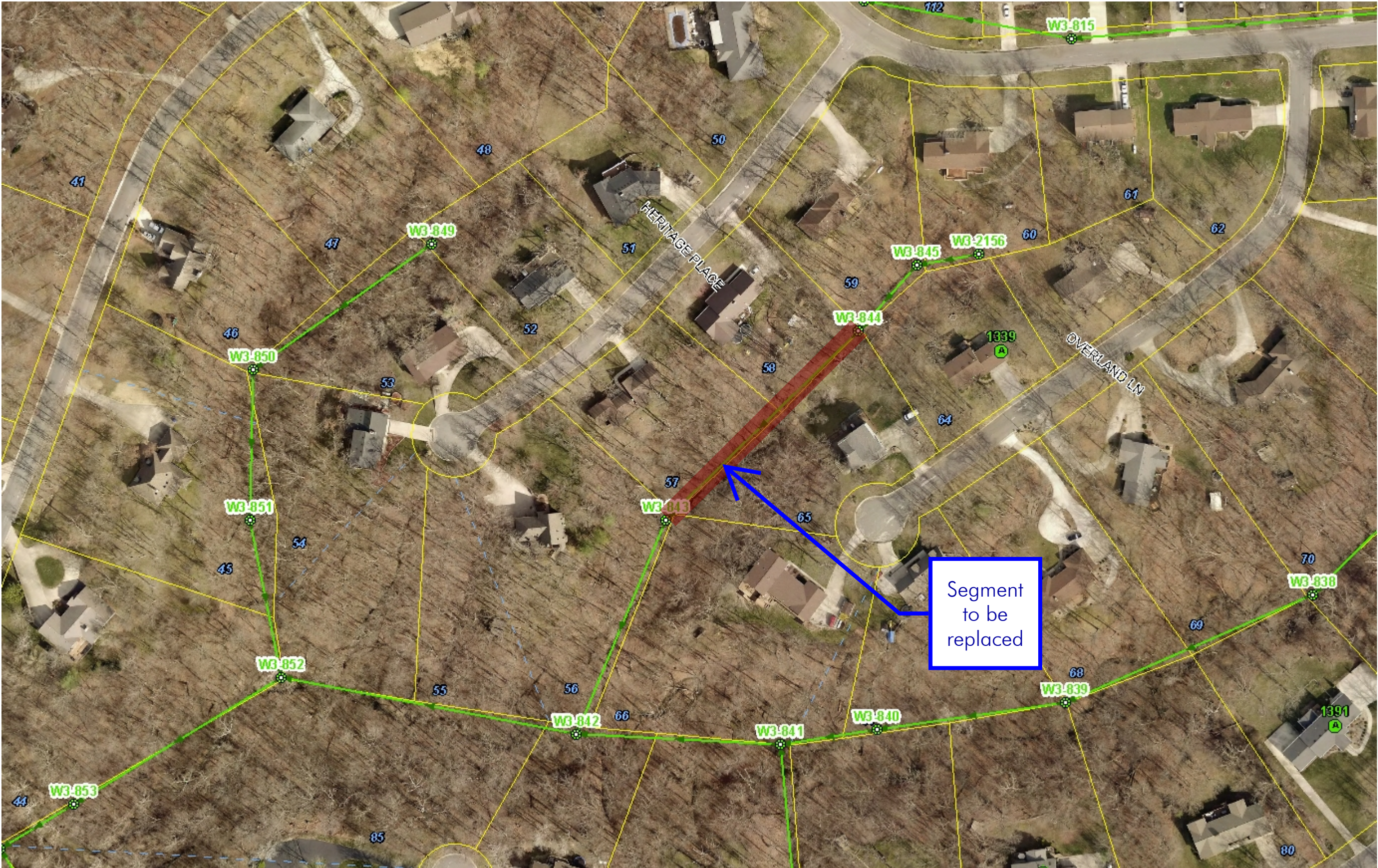
ASSIGNMENT: The **Owner** and **Engineer**, respectively, bind themselves, their partners, successors, assigns and legal representatives to the other party to this Agreement and to the partners, successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement. Neither **Owner** nor **Engineer** shall assign this Agreement without the written consent of the other.

GOVERNING LAW: Unless otherwise provided, the Agreement shall be governed by the laws of the State of Iowa.

COMPLETE AGREEMENT: This Agreement represents the entire and integrated agreement between the **Owner** and **Engineer** and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both **Owner** and **Engineer**. Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the **Owner** or **Engineer**.

Moberly, MO

WS #5.



- Legend**
- Sewer Line Investigation Locat
 - Manhole
 - Air Release Valve
 - Lamphole
 - Lift Station
 - Other Sewer Feature
 - Area Inlet
 - Bar Screen
 - Curb Inlet
 - Grate Inlet
 - Grit Chamber
 - Storm Drain
 - Tee
 - Gravity Main
 - Force Main
 - Roads
 - Corporate Limit
 - Parcel
 - Original Lot
 - Stream
 - Lots
 - South Ridge Lot Line

1 in. = 114ft.

Notes

EXHIBIT 'C'

LOCATION OF SEWER TO BE REPLACED

227.2 0 113.58 227.2 Feet

This Cadastral Map is for informational purposes only. It does not purport to represent a property boundary survey of the parcels shown and shall not be used for conveyances or the establishment of property boundaries.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

NOTICE

The City of Moberly will be taking sealed bids for two sewer projects. One is a sewer line extension located in the 1000 block of W. Highway 24 and Huntswille Rd. The construction project will consist of the following: 154' of 8" sewer main, 120' of encasement for bore under Hwy 24, 1 Manhole (15'), 2 sewer laterals, 1 Lamp hole. This project is a unit price bid.

WS #5.

The second project is the removal and replacement of 126' of 8" sewer main, installation of one drop manhole, 140' of rip rap, and reconnection of one sewer service lateral. The sewer is located in a draw in Homestead subdivision in the 1300 block of Heritage Place. The project will require construction of temporary access to the sewer line and restoration of the yards. This project is partially funded by a federal grant and will require payment of prevailing wages. The two projects are separate and must be submitted as separate bids. The City may award both contracts to a single contractor or may award each project separately. All work must meet City of Moberly Standard Sewer Specifications.

Bids shall be sealed in separate envelopes marked with the project contained in the envelope: **W. Highway 24 Sewer Extension or Homestead Sewer Replacement**. Bids are to be received at the office of the City Clerk, City of Moberly, 101 W. Reed Street, Moberly, MO 65270. If bids are mailed, the package should include the sealed bid in a separate envelope inside the mailed package. Bids will be received on December 30, 2026, at 10:00 a.m.

More information may be received on request via email at pbennett@cityofmoberly.com or (660) 269-7659.