

**BID INVITATION
CURED-IN-PLACE PIPE PROJECT
CITY OF WASHINGTON AND AFFILIATED CITIES**

Section 1. Purpose. The City of Washington is seeking responses from qualified firms to undertake video inspection, evaluation and reconstruction of sanitary sewer by the CIPP process, FOLD AND FORM PIPE LINER or PULLED IN PLACE method. It is the intent of the City to enter into a contract with a qualified firm selected pursuant to this invitation for the purpose of providing all video inspection, evaluation services, preparatory work, materials and installation necessary for the trenchless reconstruction of deteriorated sections of existing sanitary sewers located at various locations in the City of Washington. *This bid invitation includes additional work in the cities of Greenleaf, Hanover, and Frankfort as a piggyback on our contract. Bidders shall provide a uniform per foot cost price per size of line with the understanding that each city will have a mobilization charge separate from the per foot charge. The additional cities' requirements are included in Section 7 with the Washington information and differ slightly in the descriptions of the sections. Each of the additional cities reserves the right to accept or reject the bid for their city and will contract separately with the successful bidder for the service after accepting a bid. Refusal of any added city to accept the bid shall not alter in any way the bid price(s) for the City of Washington or any of the other cities that accept the bid. The term "City" shall apply to all cities mentioned above. Bids will not be separated among bidders for the purpose of dividing contract work to more than one firm and constitutes a "one bidder takes all" project, subject only to the piggyback cities' acceptance of their bid. Bids will be awarded to the bidder with the lowest overall cost to the City of Washington portion of the project. The lining cost per foot shall be the same for each city, per size of pipe diameter.*

Section 2. City-Furnished Items. The City will provide to the successful firm:

- A. Assistance to the Contractor by placing at his disposal all available information pertinent to the site of the project, including previous reports and any other data relative to the project.
- B. Guarantee access to and make all provisions for the Contractor to enter upon public lands as required for the Contractor to perform the work under the Agreement.
- C. Written designation of a person to act as Owner's representative, with respect to work to be performed under this Agreement; and such person shall have complete authority to transmit instructions, receive information, interpret and define Owner's policies and decisions with respect to materials, equipment, products and related components.
- D. Free access to water hydrants for cleaning, inversion and other items requiring water, however, Contractor shall apply for and secure a water meter from City's Water department.

Section 3. Contractual Obligation – The proposal submitted by the selected Contractor shall become an attachment to the contract of agreement signed by the City and the selected firm. Price quotations and other time-dependent information contained in Proposals must be valid for a minimum of ninety (90) days from closing date of this request.

Section 4. General Requirements – The Proposal should describe the installation procedures including equipment staging area requirement, means of sewer access, methods of maintaining sewerage flow, and the method used to reactivate service laterals. Documentation demonstrating third-party testing; proven histories of successful service; and that the installed CIPP system, materials, Contractor and manufacturer meets or exceeds desired criteria shall be included with the Proposal.

Section 5. Proposal Inclusions

- Mobilization, setup and demobilization
- Coordination with residents and businesses – work notice given to customers a minimum of 24 hours before installation
- Service to customers cannot be disrupted for more than 12 hours
- Traffic control – All pricing includes traffic cones and/or barricades for traffic control. Any additional traffic control needed shall be at the CONTRACTORS expense
- Pre-installation video inspection recordings in DVD format; Written report in Word format; video and inspection files in Pipetech or Wincan format with read only software supplied.
- Identification of live service connections and service connections not in use, dye testing to be used if necessary
- By-pass pumping of existing sewer flows required on all inversions
- CIPP wet out, inversion, curing and finishing as per ASTM standards
- Internal reinstatement of live service connections
- Post-installation (as-built) video inspection recordings in DVD format with written report Word format; video and inspection files in Pipetech or Wincan format with read only software supplied.

- Complete conformance to O.S.H.A. and City of Washington confined space entry safety regulations
- Certificate of liability and worker's compensation insurance
- Standard one-year warranty after completion of project

Section 6. LIMITED WARRANTY – IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED AND/OR STATUTORY WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, CONTRACTOR AGREES TO CORRECT ANY DEFECTS IN THE MATERIALS OR SERVICES PROVIDED BY CONTRACTOR WHICH ARE BROUGHT TO THE ATTENTION OF CONTRACTOR WITHIN ONE YEAR FOLLOWING ACCEPTANCE OF CONTRACTOR'S WORK, PROVIDED OWNER AFFORDS CONTRACTOR SUITABLE ACCESS AND WORKING CONDITIONS TO ACCOMPLISH SUCH CORRECTION.

Section 7.

2025 CIPP PROJECT CITY OF WASHINGTON

From: MH#	To: MH#	Street Information	Linear Feet	# Of Taps	Size
		Starting at 329 N B street in easement behind residence and ends at B Street & College Street	0	0	
MH 284	MH 282		368	2	8"
MH 282	MH 281		250	0	8"
MH 281	MH 280		16	0	8"
MH 280	MH 279		313	3	8"
MH 279	MH 278		324	2	8"
MH 278	MH 277		396	4	8"
MH 277	MH 276A		388	3	8"
MH 276A	MH 276		208	0	8"
MH 276	MH 273		390	1	8"
		West 2 nd Street starting at F Street running east	0	0	
MH 213	MH 212		274	4	8"
MH 212	MH 211		298	6	8"
MH 211	MH 214		400	10	8"
MH 214	MH 215		400	8	8"
MH 215	MH 216		366	6	8"
		W 3 rd St at E Street running east	0	0	
MH 206	MH 207		400	6	8"
MH 207	MH 208		400	8	8"
MH 208	MH 209		374	7	8"
MH 209	MH 210	At alley west of C Street running north in alley	312	9	8"
MH 204	MH 205	E St & 4 th St running east on 4 th St	582	11	8"
MH 174	MH 173	East of D St on 4 th St	440	13	8"
MH 173	MH 175	Running north in alley from 4 th	320	10	8"
MH 172	MH 171	5 th St east of D St running east to alley west of C	298	5	8"
MH 171	MH 169	Alley on 5 th just west of C St running south to 6 th St	394	5	8"
MH 169	MH 165	On 6 th at alley just west of C St running west on D St	508	7	8"
MH 165	MH 166	Intersection of 6 th St & D St running west on 6 th St	322	7	8"
MH 166	MH 167		338	5	8"
MH 167	MH 168		332	9	8"
		E St at W 3 rd St running south	0	0	
MH 206	MH 204		390	4	10"
MH 204	MH 178		392	5	10"
MH 176	MH 165	Running south on D St	398	4	10"

		Total Linear footage for City of Washington	10591		
		Total Taps		164	
		ALTERNATE			
MH 132	MH 131	Starting in alley between M&M Tire & GWE running south to 7 th St	164	2	8"
MH 131	MH 130	Running east on 7 th St to Grove St	306	0	8"
MH 134	MH 133	Intersection of 6 th St & B St running south to 7 th St	228	0	8"
MH 133	MH 130	7 th & B St running west on 7 th St to Grove St	190	0	8"
MH 130	MH 129	7 th & Grove St running south to 8 th & Grove St	308	3	8"
		Total Linear footage for City of Washington	1196	5	
		Total Taps			

City of Frankfort					
Manhole		Diameter	Length	Taps	
O2-A1	VCP	12"	580	6	Caffrey 1 north side; Younger 1 north side; McMillen 1 north side; Wanklyn 3 south side
C4-C5	VCP	8"	398	1	Harrington east side
C5-C6	VCP	8"	393	2	AT&T east side; Hershey west side
Total Linear Feet			1371		
Total Taps				9	

City of Greenleaf					
Location		Material	Size	Lin Ft	Tap
MH 27 - MH 28	South of 3 rd in the alley between Cedar & Pine (#27 is 9' deep, #28 is 7' deep)	VCP	8"	400	7
MH 28 - MH 29	#28 is 7' deep, #29 is 9' deep)	VCP	8"	400	4
MH 7 - MH 8	#7 is at the intersection of 5 th 7 Locust (#7 is 16' deep and is a drop manhole; #8 is 10' deep)	VCP	8"	130	0
MH 8 - MH 9	#8 is 10' deep; #9 is 11' deep	VCP	8"	180	2
Totals for City of Greenleaf				1110	13

CITY OF HANOVER

Location		Material	Size	Lin Ft	Taps
MH 4 to MH 3		VCP	8"	590	6
MH 13-5 to CO13-6-1		VCP	8"	396'	3
TOTALS				986	9

Section 8. Contractor qualifications. Attach the following with the bid proposal:

- A list of completed CIPP projects (within the last 12 months); provide the following information for each of the projects:
- Project location
- Date installed
- Total footage installed
- Diameter(s) of pipeline
- Contact name and telephone number

Section 9. Time constraints – The CITY recognizes that CONTRACTOR has other contractual obligations to fulfill. In accordance with said constraints, the CITY requests that work be completed on or before October 31, 2025. Contractor must state on proposal forms, the beginning and ending dates of the insertion, with the ending date being no later than October 31, 2025.

Section 10. Hold Harmless – The CONTRACTOR agrees to indemnify and hold harmless the City of Washington, Kansas, its agents, officials, and employees and to assume all risk, responsibility for death of, or injury to, any persons and for loss, damage, or injury to any property (together with all expenses, including attorney fees, in defense or prosecution of any action involving any such death, injury or damage), arising from, growing out of, or in any manner or degree directly or indirectly related to the performance of this work, including patent and copyright infringements.

Section 11. Release of Liens – Before issuance of the final payment, the CONTRACTOR shall submit evidence satisfactory to the CITY that all payrolls, materials, bills and other indebtedness connected with the work have been paid.

Section 12. Coordination with City – The CONTRACTOR shall coordinate all activities with the City’s Water Department and shall keep said Water Department fully informed as to the CONTRACTOR’S schedule for the project prior to and upon arrival. Upon completion, CONTRACTOR shall notify the Water Department and conduct a walk-through of the project. Failure to keep the Water Department advised of issues and or completion of the job and departure of crews upon completion may be cause for disqualification from future opportunities to bid on additional projects.

Section 13. Losses from Natural Causes – All loss or damage arising out of the nature of the work to be done, or from the action of the elements, or from floods or overflows, or from ground water, or from unusual obstructions or difficulties, or any other natural or existing circumstances either known or unforeseen, which may be encountered in the prosecution of the said work shall be sustained and borne by the CONTRACTOR at his own cost and expense.

Section 14. Reservation – The City reserves the right to reject any and all bids and/or to waive any formalities in the bidding process. The City also reserves the right to award the bid to the lowest responsible bidder.

Section 15. Bid opening – Bids shall be by sealed bid on **Monday, March 3, 2025, at 3:00 p.m.** in the Washington City Hall, 301 C Street, Washington, KS. Bids should be addressed attention to City Administrator, 301 C Street, Washington, KS 66968 and clearly identified as a “2025 CIPP project bid”. Each City will try to have a representative present for the bid opening. Bidders may attend but are not required to be present.

TECHNICAL SPECIFICATION CURED-IN-PLACE PIPE

PART 1 – GENERAL

1.01 THE REQUIREMENT

A. This Specification covers the work necessary to furnish and install complete, the cured-in-place pipe (CIPP). The CONTRACTOR shall provide all materials, labor, equipment, and services necessary for bypass pumping and/or diversion of sewage flows, cleaning and television inspection of sewer to be lined, liner installation, reconnection of service connections, and final television inspection and testing of lined pipe system.

1.02 REFERENCE SPECIFICATIONS, CODES, AND STANDARDS

A. The following references are part of this Specification, in case of conflict between the requirements of this Specification and those of the listed documents, the requirements of this Specification shall prevail. The latest edition of the following references shall be used:

ASTM 0543 Standard Test Methods for Resistance of Plastics to Chemical Reagents

ASTM D790 Standard Test Methods for Unreinforced and Reinforced Insulating Materials Flexural Properties of Plastics and Electrical

ASTM F1216 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of Resin-impregnated Tube

ASTM F1743 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe.

ASTM F2019 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled-in-Place Installation of Glass Reinforced Plastic (GRP) Cured-in-Place Thermosetting Resin Pipe.

ASTM D5813 Standard Specification for Cured-in-Place Thermosetting Resin Sewer Piping Systems.

1.03 QUALITY ASSURANCE

A. The finished liner shall be continuous over the entire length of an insertion run between two manholes or access points and shall be free from visual defects such as foreign inclusions, dry spots, pinholes, and delamination.

1.04 INTENT

It is the intent of this specification to provide for the reconstruction of pipelines and conduits by the installation of a resin-impregnated flexible tube which is inverted or pulled into the original conduit by use of a hydrostatic head or other industry approved method. The resin is cured by circulating hot water, steam, air or industry approved catalyst within the tube. The CIPP will be continuous and tight fitting and shall not be deformed by infiltration of ground water during the insertion or curing process. Any such deformities that occur during the insertion or curing process shall be corrected by the CONTRACTOR at CONTRACTORS expense before payment is made.

PART 2 – PRODUCTS

2.01 MATERIALS

A. Liner Tube:

1. The liner tube shall consist of one or more layers of flexible needled felt or an equivalent woven and/or non-woven material capable of carrying resin, withstanding installation pressures and curing temperatures, and is compatible with the resin system used. The liner shall be fabricated to a size that, when installed, will fit the internal circumference of the existing pipe without any annular space between the liner and existing pipe wall. The minimum thickness of the liner tube shall not be less than 3.5mm.

2. The resin used shall be compatible with the rehabilitation process, shall be able to cure in the presence or absence of water and the initiation temperature for cure shall be as recommended by the resin manufacturer and reviewed by the CITY.

3. The liner shall be fabricated from materials which when cured, will be chemically resistant to withstand internal exposure to sewage gases containing quantities of hydrogen sulfide, carbon monoxide, methane, petroleum hydrocarbons, saturation with moisture, diluted sulfuric acid, and other chemical reagents determined by the CITY.

4. The minimum tube length shall be that deemed necessary by the CONTRACTOR to effectively span the distance from the inlet to the outlet of the respective manholes, or access points, unless otherwise specified. The CONTRACTOR shall verify the lengths in the field before impregnation of the tube with resin. Individual insertion runs may be made over one or more manhole sections as determined in the field by the CONTRACTOR and reviewed by the CITY

Prior to insertion, the liner shall be free of all visible tears, holes, cuts, foreign materials, and other defects. Prior to insertion, the CONTRACTOR shall provide data on the maximum allowable stresses and elongation of the tube. The exterior of the manufactured tube shall be marked along its length at regular intervals not to exceed five feet. These marks shall be used as a gauge to measure elongation during insertion. Should the overall elongation of a reach exceed five percent the liner tube shall be rejected and replaced.

B. Resin:

1. Unless otherwise specified, provide a general purpose, unsaturated, thermosetting, polyester, vinyl ester, or epoxy resin able to cure in the presence or absence of water, and a catalyst system compatible with the insertion process.

2.02 PHYSICAL PROPERTIES

A. The CIPP system shall conform to and comply with the minimum standards listed below.

Characteristic	Test Method	Polyester Resin	Vinylester & Epoxy Resins
Flexural Strength	ASTM D790	4,500 psi	5,000 psi
Flexural Modulus (short term)	ASTM D790	250,000 psi	300,000 psi
Flexural Modulus (long term)		125,000 psi	150,000 psi

B. The liner thicknesses are based on a pipe ovality of percent and the resin’s physical properties shown in Section 2.02.A. If the CONTRACTOR uses resins having different physical properties, the CONTRACTOR shall submit detailed calculations of the proposed liner thickness for review by the CITY.

Manhole Segment Upstream/ Downstream	Pipe Diameter (in.)	Depth (ft.)	Enhancement Factor K	Groundwater Level (ft.)	Resin Type	Minimum Required Thickness (mm)
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(Project specific. To be completed by ENGINEER.)

PART 3 – EXECUTION

3.01 PREPARATION

A. Bypass Pumping

1. The CONTRACTOR shall provide bypass pumping and/or diversion when required for acceptable completion of the liner installation. Bypass pumping shall consist of furnishing, installing, and maintaining all power, primary and standby pumps, appurtenances and bypass piping required to maintain existing flows and services.

2. Bypass pumping shall be done in such a manner as not to damage private or public property, or create a nuisance or public menace. The pumped sewage shall be in an enclosed hose or pipe that is adequately protected from traffic, and shall be redirected into the sanitary sewer system. Dumping or free flow of sewage on private property, gutters, streets, sidewalks, or into storm sewers is prohibited.

3. The CONTRACTOR shall take all necessary precautions including constant monitoring of bypass pumping to ensure that no private residences or properties are subjected to a sewage backup or spill. After the work is completed, flow shall be restored to normal.

B. Cleaning and Inspection of Existing Sewer.

1. The CONTRACTOR shall be responsible for cleaning, inspecting, confirming the inside diameter and determining the condition of each manhole-to-manhole segment to be lined. A television inspection shall be completed in the same direction each time and shall be done with a CCTV color camera recorded in DVD format. A pivot head camera shall be used for all pipelines that are 6-inches in diameter or greater to allow detailed lateral inspection. A copy of the television inspection video disk from all televising operations shall be provided to the CITY.

2. Damages or claims resulting from backups and flooding during cleaning, inspection and insertion, shall be the responsibility of the CONTRACTOR.

C. Line obstructions:

The CONTRACTOR shall provide all equipment necessary to clear the sanitary sewer lines of any obstructions such as solids and roots that will prevent the insertion of the liner. If pre-installation inspection reveals an obstruction such as a protruding service connection, dropped joint, or a collapse that will prevent proper installation of the liner and it cannot be removed by conventional sewer cleaning equipment, the CONTRACTOR shall make a point repair excavation to uncover and remove or repair the obstruction. Such excavation shall be approved in writing by City’s representative prior to the commencement of the work and shall be considered as a separate pay item. CONTRACTOR shall be responsible for all one-call notifications prior to beginning any excavation.

D. Public Notification:

The CONTRACTOR shall make every effort to maintain service usage throughout the duration of the project. CONTRACTOR shall contact each home or business connected to the sewer line upon which work will be done and inform them when the sewer will be off-line. The maximum amount of time of no sewer service for any property served shall be 12 hours. The CONTRACTOR shall also provide the following:

- Written notice to be delivered to each home or business describing the work, schedule, how it affects them, and a local or toll-free telephone number of the CONTRACTOR they can call to discuss the project or any problems that could arise.
- Personal contact and attempted written notice the day prior to the beginning of work being conducted on the section relative to residents affected.
- Personal contact with any home or business that cannot be reconnected within the time stated in the written notice.
- The CONTRACTOR shall be responsible for confirming the locations of all branch service prior to inversion and curing of the pipe.
- The CONTRACTOR shall install a venting system to minimize concentration of styrene odor on any set ups that are in close proximity to homes or businesses or that are directly adjacent to areas where pedestrian traffic can be expected.
- The CONTRACTOR shall not enter upon any roof to gain access to a wet vent for purposes of conducting dye testing without express permission from the homeowner. The CONTRACTOR shall notify the City of any homeowners that cannot be contacted to determine an appropriate course of action.

3.02 INSTALLATION

A. Resin Impregnation

1. The uncured resin in the original containers and the unimpregnated fiber-felt tube shall be impregnated by vacuum or other means prior to installation. The materials and "wet-out" procedure shall be subject to inspection by the CITY. A resin and catalyst system that is compatible with the requirements of the method shall be used.

2. The impregnated liner bag shall be transported to and stored at the site in such a manner that it will not be damaged or exposed to direct sunlight. The impregnated liner bag shall be kept cool, if recommended by manufacturer during shipment and storage. All materials shall be subject to inspection and review prior to installation.

B. Liner Installation

1. The impregnated tube shall be inserted through an existing manhole or other access approved by the CITY by means of the installation process. The application of hydrostatic head, compressed air, or other means shall fully extend the liner to the next designated manhole or termination point and inflate and firmly adhere the liner to the pipe wall.

2. The liner shall be installed at a rate less than 10 feet per minute at all times.

3. The unrolling action of the tube during inversion is necessary to minimize gouging and for stretching and accommodating bends encountered. For non-circular sections, the tube inversion will minimize folds and uneven stretching which would result in thinning of the upper portion of the C.I.P.P.

C. Resin Curing

Heat Curing

1. After placement is completed, a suitable heat source and distribution equipment shall be provided. The equipment shall be capable of circulating hot water, air, and/or steam throughout the section to raise the temperature uniformly above the temperature required to affect a resin cure. This temperature shall be determined by the manufacturer based on the resin/catalyst system employed.

2. The heat source piping shall be fitted with continuous monitoring thermocouples to gauge the temperature of the incoming and outgoing water, steam, and/or air supply. Water, steam, or air temperature during the cure period shall meet the requirements of the resin manufacturer as measured at the heat source inflow and outflow return lines. At the direction of the CITY, the CONTRACTOR shall provide standby equipment to maintain the heat source supply. An additional continuous monitoring thermocouple shall be placed between the impregnated felt tube and the pipe invert at the remote manhole and at a point midway between the upstream and downstream manholes to determine the temperature during the cure. The temperature during the cure shall not be less than 130 degrees F at the boundary between the pipe wall and the liner unless otherwise directed by the CITY because of the resin system used.

3. The initial cure shall be deemed to be completed when inspection of the exposed portions of the liner appears hard and the remote temperature sensors indicate that an exotherm has occurred. The cure period shall be of duration recommended by the resin manufacturer during which time the recirculation of the water, steam, and/or air and cycling of the heat exchanger continuously maintain the required temperature.

4. Temperature shall be maintained during the curing period as recommended by the resin manufacturer and reviewed by the CITY.

Cool Down for Heat Curing

1. The hardened liner shall be cooled to a temperature below 100 degrees F before relieving the static head or pressure in the lined pipe and returning normal flow back into the system. The cool down may be accomplished by introducing cool water or air into the lined pipe. Care shall be taken in the release of the static head or pressure so that a vacuum will not develop which could damage the newly installed liner.

UV Cure

1. UV curing must conform to ASTM F2019, Section 6.7 Curing Methods-Ultraviolet Light Curing.

3.03 SERVICE LINE RECONNECTION

A. The CONTRACTOR shall be responsible for reconnecting service connections to the lined pipe.

Reconnections of service connections shall be completed by one of the following methods:

1. Internally reconnected by using a pivot-head CCTV camera and a remote cutting tool to locate the service connections from inside the lined pipe, cutting a hole matching the service connection diameter. CONTRACTOR shall provide a nearly full-diameter hole, free from burrs or projections and with a smooth and crack-free edge. The hole shall be 95 percent minimum and 100 percent maximum of the original service connection diameter. The invert of the service connection shall match the bottom of the reinstated service opening. The CONTRACTOR shall certify he has a minimum of two (2) complete working cutter units, plus spare key components on the site before each inversion.

2. By excavating by hand and/or mechanical equipment to the location of the service connections tie-in, cutting the existing pipe and liner material, and installing a saddle acceptable to the CITY. The excavation process shall be completed by mechanical means as defined in the project documents or by hand digging as required. CONTRACTOR shall be responsible for all costs in connection with any additional excavation for the purpose of reopening connections. Only live services shall be reinstated.

3.04 TESTING

A. Material Testing

1. All material testing shall be performed by a registered independent, third-party laboratory.

2. The CONTRACTOR shall provide certified test results of the short-term properties of the cured lining material from the actual installed liner at three locations designated by the CITY OF WASHINGTON. CONTRACTOR shall bear the cost of the three tests. If any additional tests are requested by the CITY, the cost of any additional testing shall be borne by the CITY. *Each City piggybacked onto this contract shall receive one (1) test result unless they indicate the desire for no test, or additional tests.*

3. The cured liner shall be sampled and tested for flexural strength and flexural modulus (short term). Flexural strength and modulus shall be tested in accordance with the requirements of ASTM D790. The liner shall be in compliance with the physical properties stated under Section 2.02 of this specification. A certificate of compliance shall be provided for long term flexural modulus.

4. Corrosion resistance requirements shall be stated in ASTM F1216, Section X2, Chemical Resistance Tests.

5. Delamination testing shall be in accordance with ASTM F1216, Section 8.4 if required by the CITY.

6. After completion of all liner insertions, service reconnections, and finish work at the manholes, the sewer shall be televised with a color CCTV tilt-head camera recorded in DVD format. The original disk shall be provided to the CITY along with a written report.

PROPOSAL

TO: **The Mayor and Council members**
City of Washington, Kansas c/o City Administrator

To Whom It May Concern:

The Undersigned hereby certifies that he has carefully examined the drawings, specifications and other contract documents, has carefully examined the location, character, and extent of work to be done in connection with the construction of SANITARY SEWER REHABILITATION PROJECT 2025. They further certify that they are familiar with the type of work involved.

The method to be used will be (circle one) – CIPP FOLD AND FORM PULLED IN PLACE

The Undersigned, in compliance with the Invitation for Bids, hereby proposes to do the work called for in said specifications, Contract, and as shown on said Plans, and to furnish equipment, and all appurtenances necessary for the completion of said work at the following prices:

2025 SANITARY SEWER REHABILITATION – CITY OF WASHINGTON

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT QUANTITY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1.	8" Diameter Sewer Pipe, Complete and In Place	9,411 L.F.	\$ _____	\$ _____
2.	10" Diameter Sewer Pipe, Complete and In Place	1,180 L.F.	\$ _____	\$ _____
3.	Mobilization	Lump sum		\$ _____
			Total	\$ _____
4.	ALTERNATE 8" Diameter Sewer Pipe, Complete and In Place	1,196 L.F.	\$ _____	\$ _____
		Total With Alternate		\$ _____

Written price _____

It is further proposed by the Undersigned that the work will be completed within SIXTY (60) consecutive calendar days, with a penalty of \$200.00 per day of delay until the work is completed.

In submitting this bid, it is understood that the right to reject any and all bids has been reserved and that this bid may not be withdrawn for a period of thirty (30) days after the opening thereof.

The Undersigned anticipates that construction will commence on or about _____ and that construction will be completed on or before _____.

Dated this ____ day of _____, 2025.

Name of Bidder

Authorized Signature

Address of Bidder including Zip Code

Title

Phone Number

E-mail

PROPOSAL

TO: The Mayor and Council members
City of Frankfort, Kansas

To Whom It May Concern:

The Undersigned hereby certifies that he has carefully examined the drawings, specifications and other contract documents, has carefully examined the location, character, and extent of work to be done in connection with the construction of SANITARY SEWER REHABILITATION PROJECT 2025. They further certifies that they are familiar with the type of work involved.

The method to be used will be (circle one) – CIPP FOLD AND FORM PULLED IN PLACE

The Undersigned, in compliance with the Invitation for Bids, hereby proposes to do the work called for in said specifications, Contract, and as shown on said Plans, and to furnish equipment, and all appurtenances necessary for the completion of said work at the following prices:

2025 SANITARY SEWER REHABILITATION – CITY OF FRANKFORT

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT QUANTITY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1.	8" Diameter Sewer Pipe,	791 L. F.	\$ _____	\$ _____
2.	12" Diameter Sewer Pipe,	580 L. F.	\$ _____	\$ _____
3.	Mobilization	Lump Sum	\$ _____	\$ _____
			Total	\$ _____

Written price

It is further proposed by the Undersigned that the work will be completed within SIXTY (60) consecutive calendar days, with a penalty of \$200.00 per day of delay until the work is completed.

In submitting this bid, it is understood that the right to reject any and all bids has been reserved and that this bid may not be withdrawn for a period of thirty (30) days after the opening thereof.

The Undersigned anticipates that construction will commence on or about _____ and that construction will be completed on or before _____.

Dated this ____ day of _____, 2025.

Name of Bidder

Authorized Signature

Address of Bidder including Zip Code

Title

Phone Number

E-mail

PROPOSAL

TO: The Mayor and Council members
City of Greenleaf, Kansas

To Whom It May Concern:

The Undersigned hereby certifies that he has carefully examined the drawings, specifications and other contract documents, has carefully examined the location, character, and extent of work to be done in connection with the construction of SANITARY SEWER REHABILITATION PROJECT 2025. They further certify that they are familiar with the type of work involved.

The method to be used will be (circle one) – CIPP FOLD AND FORM PULLED IN PLACE

The Undersigned, in compliance with the Invitation for Bids, hereby proposes to do the work called for in said specifications, Contract, and as shown on said Plans, and to furnish equipment, and all appurtenances necessary for the completion of said work at the following prices:

2025 SANITARY SEWER REHABILITATION – CITY OF GREENLEAF

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT QUANTITY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1.	8" Diameter Sewer Pipe, Complete and In Place	1,110 L. F.	\$ _____	\$ _____
2.	Mobilization	Lump sum		\$ _____
			Total	\$ _____

Written price _____

It is further proposed by the Undersigned that the work will be completed within SIXTY (60) consecutive calendar days, with a penalty of \$200.00 per day of delay until the work is completed.

In submitting this bid, it is understood that the right to reject any and all bids has been reserved and that this bid may not be withdrawn for a period of thirty (30) days after the opening thereof.

The Undersigned anticipates that construction will commence on or about _____ and that construction will be completed on or before _____.

Dated this ____ day of _____, 2025.

Name of Bidder

Authorized Signature

Address of Bidder including Zip Code

Title

Phone Number

E-mail

PROPOSAL

TO: The Mayor and Council members
City of Hanover, Kansas

To Whom It May Concern:

The Undersigned hereby certifies that he has carefully examined the drawings, specifications and other contract documents, has carefully examined the location, character, and extent of work to be done in connection with the construction of SANITARY SEWER REHABILITATION PROJECT 2025. They further certify that they are familiar with the type of work involved.

The method to be used will be (circle one) – CIPP FOLD AND FORM PULLED IN PLACE

The Undersigned, in compliance with the Invitation for Bids, hereby proposes to do the work called for in said specifications, Contract, and as shown on said Plans, and to furnish equipment, and all appurtenances necessary for the completion of said work at the following prices:

2025 SANITARY SEWER REHABILITATION – CITY OF HANOVER

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT QUANTITY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1.	8" Diameter Sewer Pipe, Complete and In Place	986 L. F.	\$ _____	\$ _____
2.	Mobilization	Lump sum		\$ _____
			Total	\$ _____

Written price _____

It is further proposed by the Undersigned that the work will be completed within SIXTY (60) consecutive calendar days, with a penalty of \$200.00 per day of delay until the work is completed.

In submitting this bid, it is understood that the right to reject any and all bids has been reserved and that this bid may not be withdrawn for a period of thirty (30) days after the opening thereof.

The Undersigned anticipates that construction will commence on or about _____ and that construction will be completed on or before _____.

Dated this ____ day of _____, 2025.

Name of Bidder

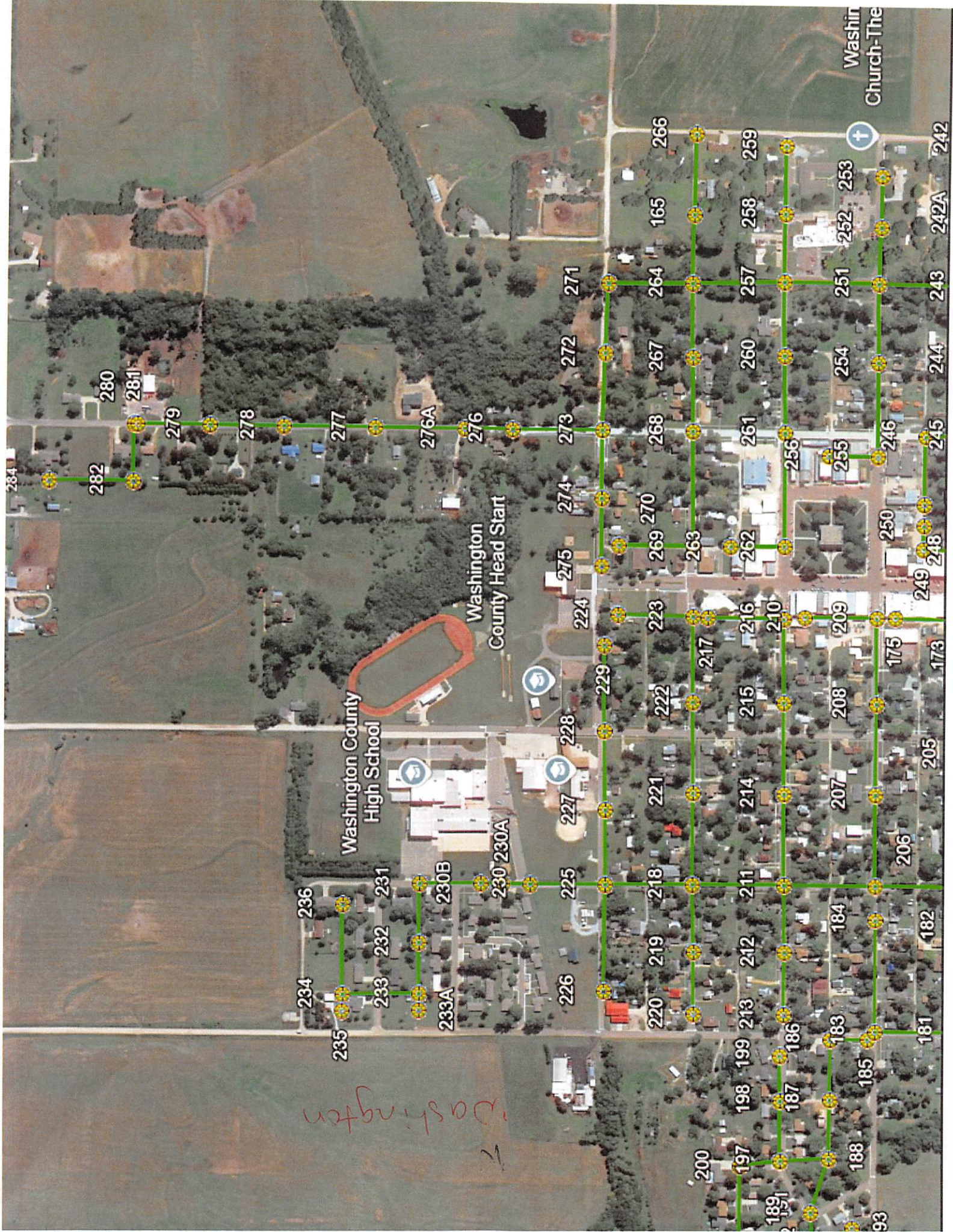
Authorized Signature

Address of Bidder including Zip Code

Title

Phone Number

E-mail

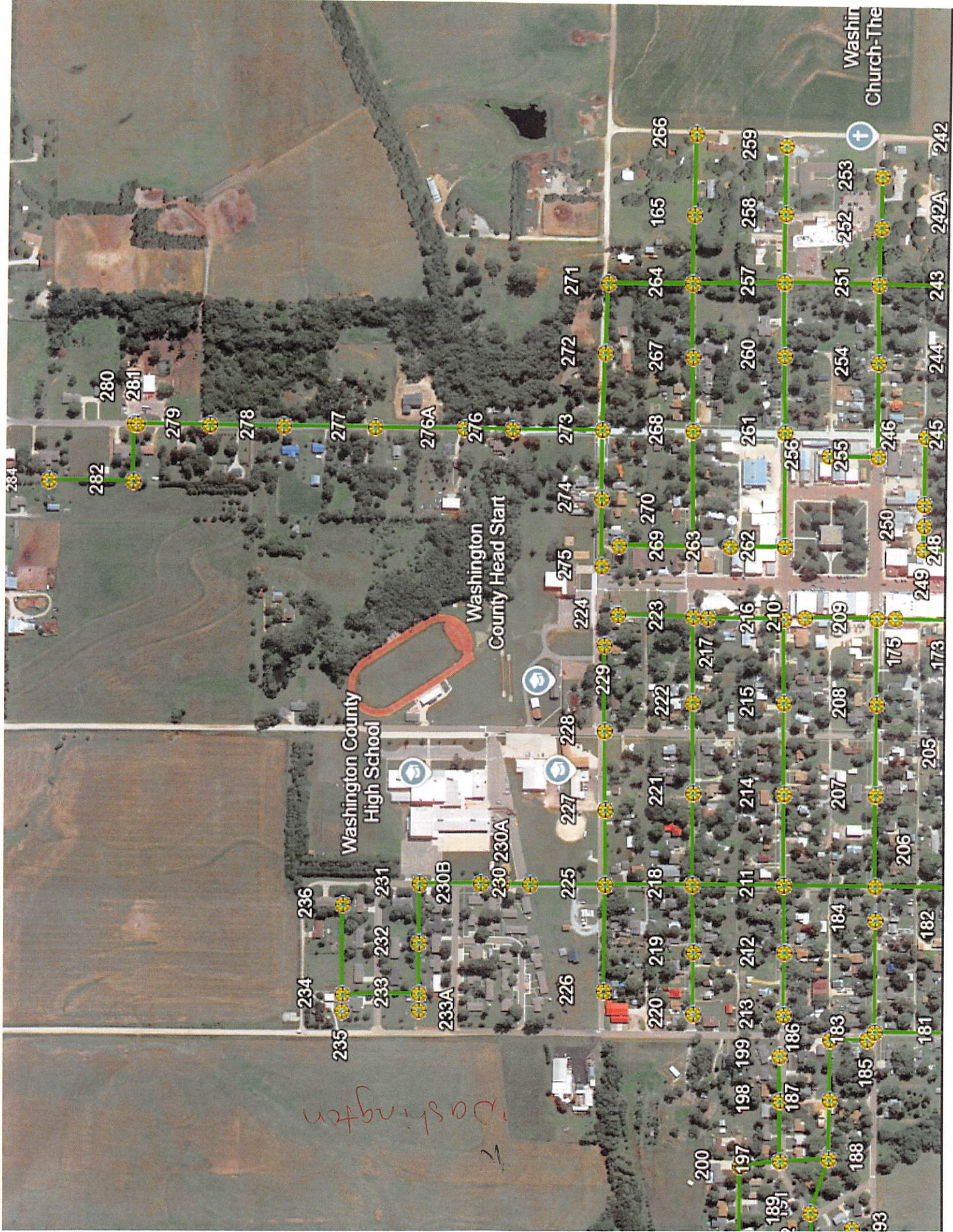


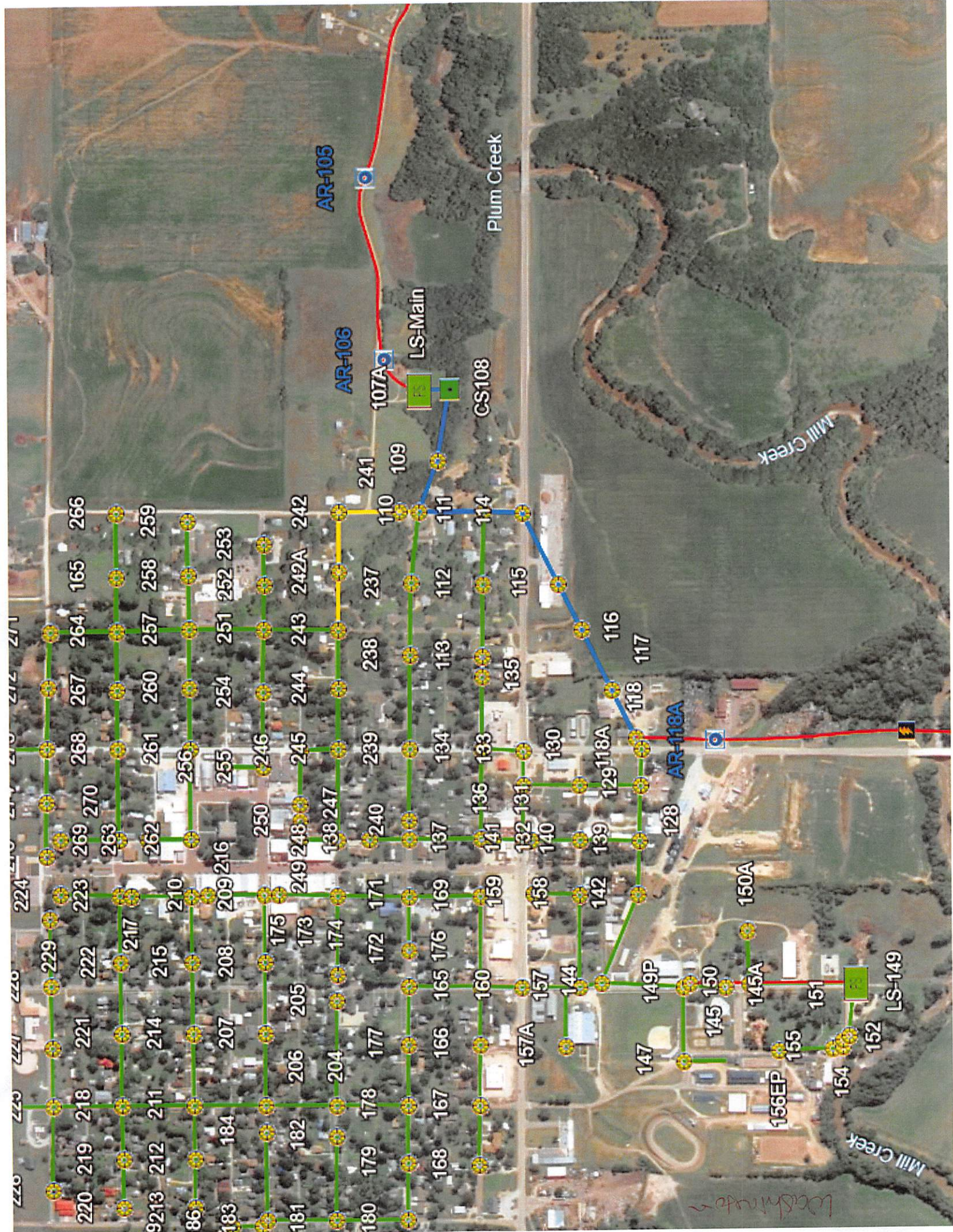
Washington

Washington County High School

Washington County Head Start

Washington Church-The



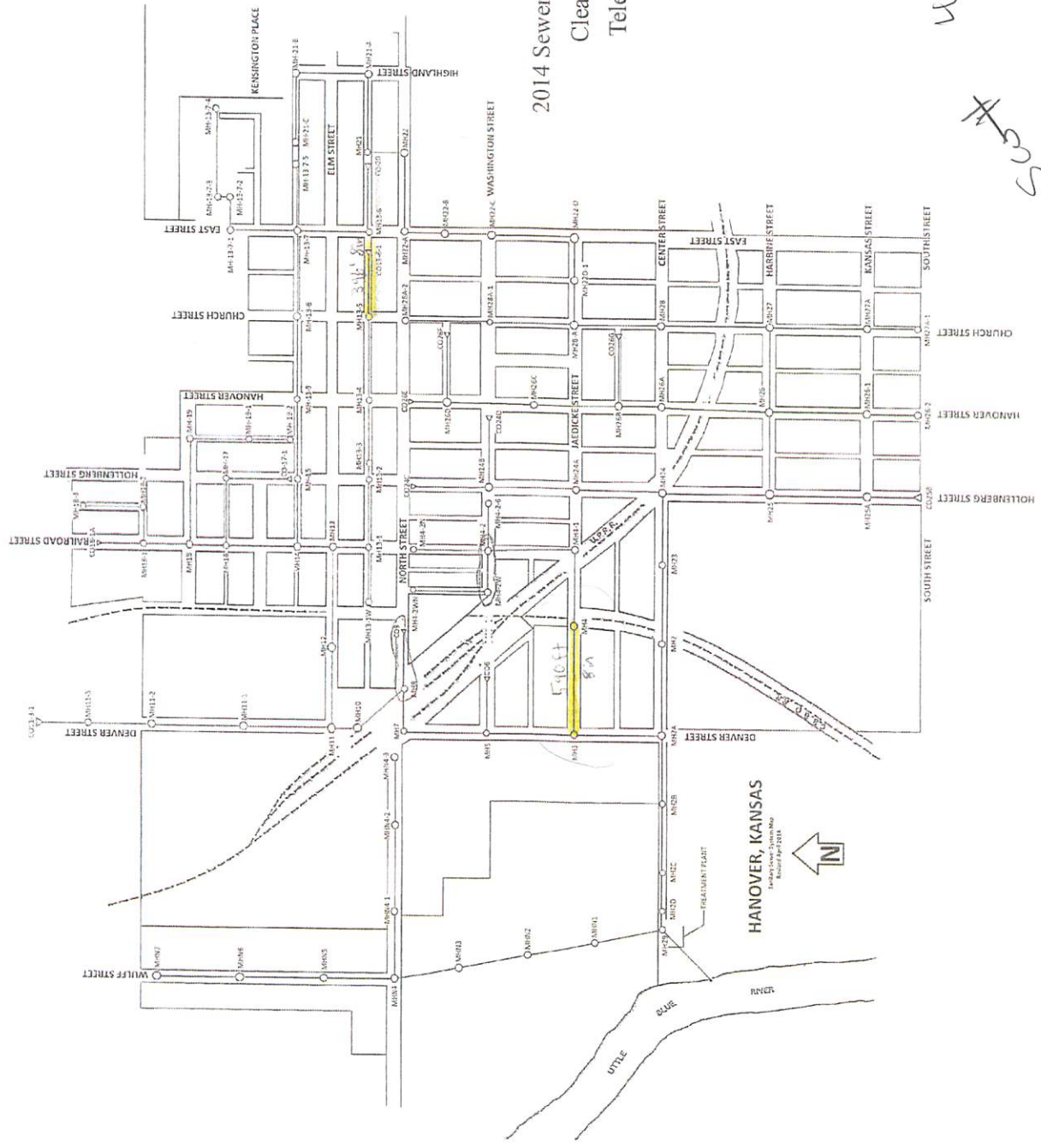


2014 Sewer Maintenance Cleaning
 Cleaned - 11,823 lf
 Televised - 745 lf

1002 - 2235 - 2750

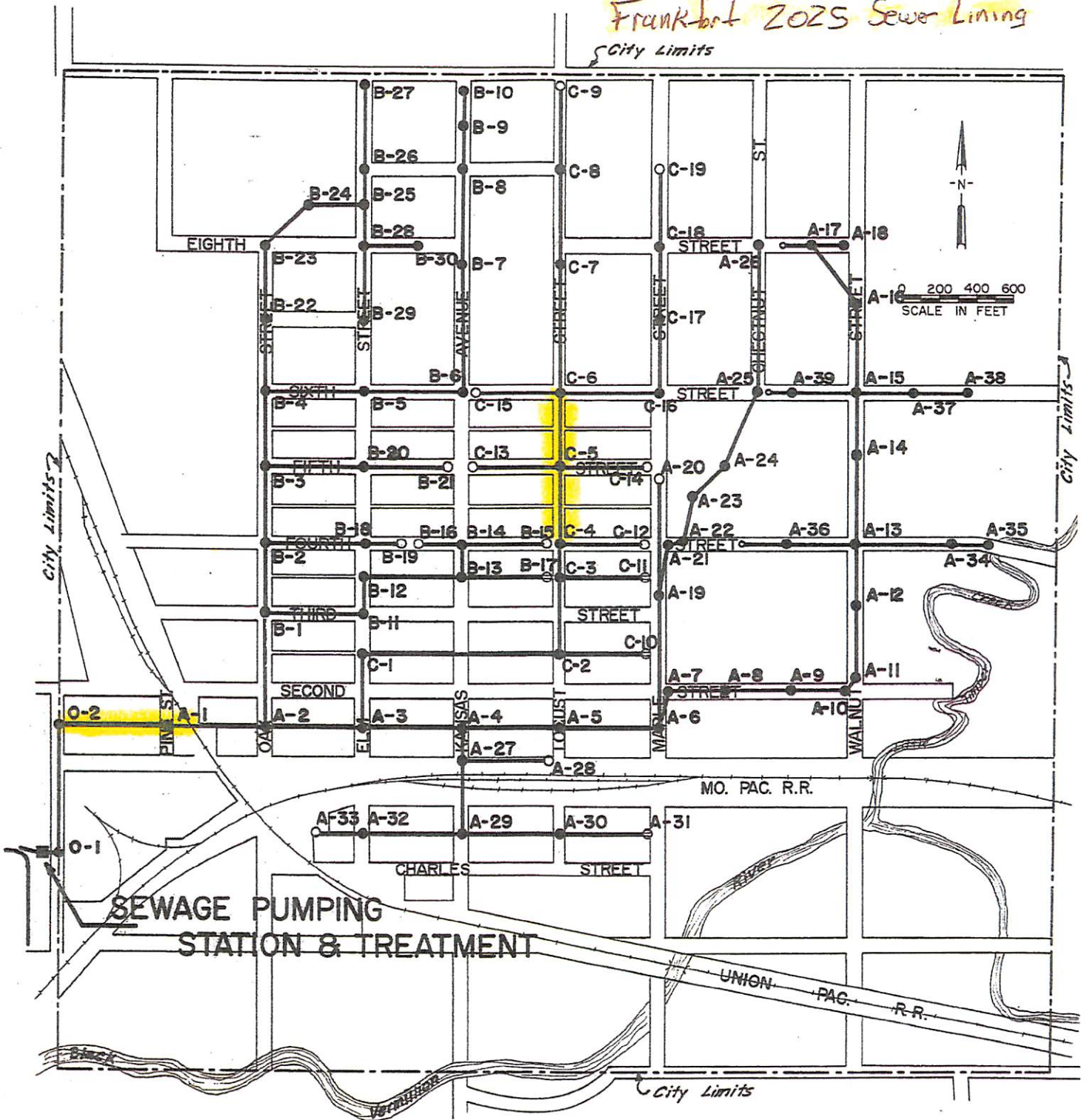
Sheet





Hanover



LINE SIZES AND MANHOLE NOS.

Frankfort 2025 Sewer Lining



12" 
 10" 
 8" 
 MANHOLE NO.  A-5

FRANKFORT FACILITIES PLAN
 OCTOBER, 1975

FIGURE V-3

Frankfort Sewer Lining Project 2025

<u>Manhole</u>	<u>diameter</u>	<u>length</u>	<u>taps</u>	
O2 – A1	12"	580'	6 taps	Caffrey – 1 north side Younger – 1 north side McMillen – 1 north side Wanklyn – 3 south side
C4 – C5	8"	398'	1 tap	Harrington – east side
C5 – C6	8"	393'	2 tap	AT&T – east side Hershey – west side

1371 LF 9 Taps

Greenleaf

Downstream Manhole #27 North to #28
#27 is South of 3rd in the alley between Cedar + Pine
#27 is 9' deep #28 is 7' deep

Downstream Manhole #28 North to #29
#28 is 7' deep #29 is 9' deep

Downstream Manhole #7 North to #8
#7 is at the intersection of 5th + Locust
#7 is 16' deep and is a drop manhole #8 is 10' deep

Downstream Manhole #8 East to #9
#8 is 10' deep #9 is 11' deep

All lines are 8" VCP

27-28 400' long 7 taps

28-29 400' long 4 taps

7-8 130' long 0 taps

8-9 180' long 2 taps

2025 Proposed City of Greenleaf



Pine
Cedar
Locust
Cherry

MANHOLE FLUSHING

- 19
- 26
- 31
- 16
- 84
- 75
- 81
- 82
- 61
- 76
- 78
- 64
- 58
- 55
- 45
- 49
- 48
- s-54
- 38

Scale: 1"=600'

GREENLEAF, WISCONSIN
KEY MAP OF
SANITARY SEWERS
WILSON & COMPANY
- ENGINEERS
Spring - 1909