



Together, Investing in Municipal Excellence

STILLWATER UTILITIES AUTHORITY MEETING AGENDA

AUGUST 5, 2024

723 S. Lewis Street, Room 1122B

Stillwater, OK 74074

5:30 PM

Chair Will Joyce, Vice Chair Amy Dzialowski, Trustees Christie Hawkins, Kevin Clark,
& Tim Hardin

1. Call Meeting to Order

2. Consent Docket

Items listed on the consent docket are routine administrative matters that may be approved without discussion. The Trustees will take action on these items collectively with a single vote. The requested action is indicated for each item listed. Should a Trustee elect to discuss, amend, revise, or table any item listed on the consent docket, the item will be moved to the section of the agenda titled "Items Removed from the Consent Docket" for consideration and possible action. Additionally, a Trustee or the General Manager may simply ask the Chair to remove an item from the consent docket prior to action by the Trustees and no action will be taken on the removed item at this meeting.

a.	Approve July 15, 2024 regular meeting minutes		
b.	Approve Blue Peak Pole Attachment Agreement #17 and #24 and authorize the General Manager to sign the agreements.	SUA-24-44	Loren Smith
c.	Approve a budget amendment appropriating \$99,500 from the RSF for the purchase of two new vehicles for the Electric Department.	SUA-24-45	Loren Smith
d.	Approve budget amendments reflecting revenue and expenditure of sponsorship grant funds from Grand River Dam Authority totaling \$15,000 for a pilot home energy audit program.	SUA-44-46	Loren Smith

3. Public Comment on Items not Scheduled for Public Hearings

Stillwater City Code, Section 2-53(a) & (b), provides that taxpayers or residents of the city, or their authorized

legal representatives, may address the Trustees at a regularly scheduled meeting on any item of business listed on the meeting agenda provided they have submitted a written request prior to the meeting either online at Request to speak form or via the form found in the lobby outside Council chambers prior to meetings.

4. Items Removed from the Consent Docket

Items removed from the consent docket are placed on this section of the agenda for discussion, revision, amendment and/or tabling prior to action by the Trustees. The Trustees may take action, including a vote or series of votes, on items removed to this section of the agenda after the requested discussion, revision, or amendment.

5. General Orders

The Stillwater Utilities Authority will hear a staff presentation, discuss, and take action including a vote or series of votes on each item listed as presented or as amended or revised by the Stillwater Utilities Authority unless the agenda entry specifically states that no action will be taken. The requested action is indicated in each agenda entry but may be amended or revised prior to action by the Stillwater Utilities Authority.

a.	Presentation on SCADA Master Plan and consider approval of a Professional Services Agreement with Carollo; authorize total project expenditures not-to-exceed \$694,300 which includes a 10% contingency; approve the associated budget amendment, and authorize the General Manager to sign the related documents.	SUA-44-47	Chris Humes
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6. Resolutions

The City Council will hear a staff presentation, discuss, and take action including a vote or series of votes on each resolution listed as presented or as amended or revised by the City Council.

a.	RESOLUTION NO. SUA-2024-6: A RESOLUTION OF THE STILLWATER UTILITIES AUTHORITY AUTHORIZING IMPLEMENTATION OF A HOME ENERGY AUDIT PILOT PROGRAM FOR ELECTRIC UTILITY CUSTOMERS	Loren Smith
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7. Questions and Inquiries

8. Reports from Officers and Boards

Announcements and remarks of general interest may be made by Trustees, General Manager or General Counsel. Items of City business that may require discussion or action, including a vote or series of votes, are listed below

9. Adjourn

On August 1, 2024 at 4:30 p.m., a true and correct copy of this agenda was posted on the kiosk outside City Hall, 723 S. Lewis Street, Stillwater, OK.

The City of Stillwater encourages participation from all citizens. If participation at any public meeting is not possible due to a disability, please notify the City Manager's office at least 48

hours prior to the meeting by calling 405.742.8243.

- Meetings are televised on AT&T U-verse channel 99 and Optimum channel 14.
- Find meeting agendas and minutes online at [Agendas and Minutes](#)
- Official minutes are archived in the City Clerk's office.

IN ACCORDANCE WITH THE OKLAHOMA OPEN MEETING LAW THE AGENDA
WAS POSTED JULY 12, 2024 AT 9:00 A.M. AT THE MUNICIPAL BUILDING,
723 SOUTH LEWIS, STILLWATER, OKLAHOMA

MINUTES
STILLWATER UTILITIES AUTHORITY
REGULAR MEETING
COUNCIL HEARING ROOM
723 S. LEWIS
JULY 15, 2024

PRESENT: CHAIR WILLIAM H. JOYCE, TRUSTEES CHRISTIE HAWKINS,
KEVIN CLARK AND TIM HARDIN
ABSENT: VICE CHAIR AMY DZIALOWSKI

1. CALL MEETING TO ORDER

Chair Joyce called the meeting to order at 5:58 p.m.

2. CONSENT DOCKET

- a. Approve July 1, 2024 regular meeting minutes
- b. Approve carry forward of budget appropriations from FY24 to FY25
- c. Award Bid #26-2024 to MK Excavation, LLC for sewer improvements for the unit price contract amount of \$532,541.00; authorize construction expenditures of \$612,422.00 including 15% contingency; authorize the General Manager to sign related documents; and approve the budget amendment appropriating funds.
- d. Award Bid #23-2024 to Hodges Farms and Dredging, LLC a unit price contract for the WTP Lagoon Dredging Project (Round 2) for the Base Bid with Bid Alternate No. 3 for a total bid amount of \$1,182,137.50; authorize construction expenditures of \$1,332,137.50, including \$150,000.00 for contingency; authorize the General Manager to sign related documents; and approve the budget amendment appropriating funds.
- e. Award Bid #37-2024 Supply and Delivery Polymer for Water Treatment to Brenntag Southwest, Inc. at \$0.72/Pound, and authorize General Manager to sign related documents.
- f. Award Bid #31-2024 Furnish and Install Electromagnetic Flow Meter Systems to bnb Industries, Inc. for a single meter and installation at \$43,770 plus 10% contingency for a total not to exceed \$48,147; approve associated budget amendment and authorize the General Manager to sign related documents.

MOTION BY TRUSTEE HAWKINS, SECOND BY TRUSTEE HARDIN TO APPROVE THE CONSENT DOCKET AS PRESENTED.

ROLL CALL VOTE: JOYCE-YEA, HAWKINS-YEA, CLARK-YEA, HARDIN-YEA.
NAY-NONE. MOTION CARRIED WITH FOUR YEA VOTES.

3. PUBLIC COMMENT ON AGENDA ITEMS NOT SCHEDULED FOR PUBLIC HEARING

There were no requests to speak on agenda items not scheduled for public hearing.

4. ITEMS REMOVED FROM CONSENT DOCKET

None.

5. QUESTIONS & INQUIRIES

None.

6. REPORTS FROM OFFICERS & BOARDS

- a. Miscellaneous items from the General Counsel: No report.
- b. Miscellaneous items from the General Manager: No report.
- c. Miscellaneous items from Trustees: No report.
 - i) Discussion about scheduling items for upcoming meetings

7. ADJOURN

MOTION BY TRUSTEE CLARK, SECOND BY TRUSTEE HAWKINS TO ADJOURN THE JULY 15, 2024 REGULAR MEETING OF THE STILLWATER UTILITIES AUTHORITY.

ROLL CALL VOTE: JOYCE-YEA, HAWKINS-YEA, CLARK-YEA, HARDIN-YEA.
NAY-NONE. MOTION CARRIED WITH FOUR YEA VOTES.

The July 15, 2024 regular meeting of the Stillwater Utilities Authority adjourned at 5:59 p.m.

WILLIAM H. JOYCE, CHAIR
STILLWATER UTILITIES AUTHORITY

TERESA KADAVY, SECRETARY
STILLWATER UTILITIES AUTHORITY

REPORT TO: STILLWATER UTILITIES AUTHORITY**MEETING DATE: AUGUST 5, 2024**

Agenda Item:	2.b. SUA-24-44
Previous/Related Action:	CC-21-171 ROW occupancy agreement with Blue Peak Broadband
Background/Issue:	On September 13, 2021, Council approved a ROW occupancy agreement with Blue Peak Broadband. As BluePeak moves forward with their broadband project, they will be placing fiber optic cable on City utility poles. A Pole Attachment Licensing Agreement is needed.
Proposal/Solution:	Authorize and execute Blue Peak Pole Attachment Licensing Agreement #17 and #24. Please note that the agreement #'s may be out of sequence. This is due to required corrections to the plan sets and the time resubmittals are received back for final review.
Financial Source/Impact:	Each agreement will generate annual revenue in the amount of \$20 per pole.
Related Strategic Priority:	#4 CONNECTED SPACES #5 UNIQUE CULTURE
Recommended Action/Motion:	Motion to authorize the General Manager to execute Blue Peak Pole Attachment Licensing Agreement #17 and #24.
Prepared By:	Loren Smith, Electric Utility Dir.
Reviewed By:	Loren Smith Teresa Kadavy
Submitted By:	Kimberly Meek, General Manager

Attachments

1. CC-21-171 VAST broadband application
2. POLATT24-0006 Agrmt 17 w_Bond
3. POLATT240013 Agrmt 24 w_Bond

REPORT TO: CITY COUNCIL

MEETING DATE: SEPT. 13, 2021

Agenda Item:	8d. CC-21-171
Prior Council Action/Related Items:	Right of Way Management Ordinance 3408
Background / Issue:	• Vast Broadband (dba Bluepeak) has submitted an application to occupy the public right-of-way (ROW). • Bluepeak will construct a Fiber to the Home/Business broadband network and offer services in Stillwater upon completion. • Bluepeak currently operates systems in over 50 communities. • Ordinance 3408, adopted in July 2018, requires each entity that occupies the public ROW to register as an occupant. • Once occupancy permit is approved by Council, the applicant can obtain a construction permit and/or pole attachment agreement as may be appropriate.
Proposal/Solution:	• The applicant has submitted the required information and meets the requirements as set forth in Ordinance 3408. • Staff recommends approval of Bluepeak as a right-of-way occupant.
Financial Impact/Funding Source(s):	The permit requires fees to be collected for registration and for occupancy of the right-of-way according to established fee schedules. The cumulative permit, construction, and annual fees will vary depending on the characteristics and size of the project.
Strategic Plan Alignment:	#4 Connected Spaces: To develop a strong sense of place that recognizes the interconnectedness of people, buildings, and public systems (such as transportation, utilities, and parks) that best serve the needs of the public. #5 Unique Culture: To cultivate partnerships that enhance the unique culture of Stillwater with equal access to services and amenities, strong and connected neighborhoods, and a thriving economy and business atmosphere.

Recommended Action/Motion:	Motion to approve Bluepeak's ROW occupancy permit.
Prepared By:	John McClenny, Special Projects
Reviewed By:	Patti Osmus, Assistant to the City Manager
Submitted By:	Norman McNickle, City Manager
Attachment(s):	ROW Occupancy Permit Application

DA27

Stillwater Utilities Authority Pole Attachment Licensing Agreement

Original issue: 07/16/18

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Part One – Pole Attachment Licensing Agreement

This Pole Attachment Licensing Agreement (the “Agreement”) dated _____
July 10, 20 24 is made by and between the Stillwater Utilities Authority
 (“Utility”), located in the State of Oklahoma, and
Clarity LLC, d.b.a Bluepeak (“Licensee”).

Recitals

- A. Licensee proposes to install and maintain Communications Facilities and associated equipment, Licensee’s Attachments, on Utility’s Poles to provide Communications Services; and
- B. Utility is willing, when it may lawfully do so, to issue one or more Permits authorizing the placement or installation of Licensee’s Attachments on Utility’s Poles, provided that Utility may refuse, on a nondiscriminatory basis, to issue a Permit where there is insufficient Capacity or for reasons relating to safety, reliability, generally applicable engineering purposes, and/or any other Applicable Standard; and

[NOTE: The following Recitals may be used where Licensee and Utility have an existing pole attachment agreement.]

- C. On _____, _____, Utility and Licensee entered into a **[Insert name of agreement]** (e.g., the “___ Agreement”); [and]
- D. By registered letter dated _____, 20 __, Utility gave notice to Licensee that Utility/ Licenser was terminating the ___ Agreement effective _____, 2 ____; [and]
- E. The parties intend that this Agreement replace the ___ Agreement on its termination; [and]
- F. Therefore, in consideration of the mutual covenants, terms and conditions set out below the parties agree as follows:

AGREEMENT

Article 1—Definitions

For the purposes of this Agreement, the following terms, phrases, words, and their derivations, shall have the meaning given below, unless more specifically defined within a specific Article or Paragraph of this Agreement. When not inconsistent with the context, words used in the present tense include the future and past tense, and words in the singular number include the plural number. The words “shall” and “will” are mandatory

and “may” is permissive. Words not defined shall be given their common and ordinary meaning.

- 1.1 **Affiliate:** when used in relation to Licensee, means another entity that owns or controls, is owned or controlled by, or is under common ownership or control with Licensee.
- 1.2 **Applicable Standards:** means all applicable engineering and safety standards governing the installation, maintenance, and operation of facilities and the performance of all work in or around electric Utility Facilities and includes the most current versions of National Electric Safety Code (“NESC”), the National Electrical Code (“NEC”), and the regulations of the Occupational Safety and Health Administration (“OSHA”), each of which is incorporated by reference in this Agreement, and the safety, engineering and construction requirements and standards of Utility.
- 1.3 **Attaching Entity:** means any public or private entity, including Licensee that, pursuant to a license agreement with Utility, places an Attachment on Utility’s Pole to provide Communications Service.
- 1.4 **Attachment(s):** means Licensee’s Communications Facilities that are placed directly on Utility’s Poles within the Communication Space, or Overlashed onto an existing Attachment, but does not include either a Riser or a service drop attached to a single Pole where Licensee has an existing Attachment on such Pole.
- 1.5 **Capacity:** means the ability of a Pole to accommodate an additional Attachment based on Applicable Standards, including space and loading considerations.
- 1.6 **Climbing Space:** means that portion of a Pole’s surface and surrounding space that is free from encumbrances to enable Utility employees and contractors to safely climb, access, and work on Utility Facilities and equipment.
- 1.7 **Communications Facilities:** means wireline or wireless facilities, including but not limited to, fiber optic, copper, and/or coaxial cables, wireless antennas, receivers or transceivers utilized to provide Communications Service. This term excludes power supplies, demarcation boxes, power transfer switches, grounding equipment, metering facilities and other associated equipment.
- 1.8 **Communications Service:** means the transmission or receipt of voice, video, data, broadband Internet, or other forms of digital or analog signals over Communications Facilities.
- 1.9 **Communication Space:** means the communication space as defined in the latest version of the National Electrical Safety Code.

- 1.10 **Licensee:** means the party listed as Licensee in the first paragraph of this agreement.
- 1.11 **Make-Ready Work:** means all work that Utility reasonably determines to be required to accommodate Licensee's Communications Facilities and/or to comply with all Applicable Standards. Such work includes, but is not limited to, rearrangement and/or transfer of Utility Facilities or existing Attachments, inspections, engineering work, permitting work, tree trimming (other than tree trimming performed for normal maintenance purposes), pole replacement and construction but does not include Licensee's routine maintenance.
- 1.12 **Occupancy:** means the use or reservation of space for Attachments on a Utility Pole.
- 1.13 **Overlash:** means to place an additional wire or cable Communications Facility onto an existing attached Communications Facility.
- 1.14 **Pedestals/Vaults/Enclosures:** means above- or below-ground housings that are not attached to Utility Poles but are used to enclose a cable/wire splice, power supplies, amplifiers, passive devices, and/or to provide a service connection point
- 1.15 **Permit:** means written or electronic authorization (see Appendix C) by Utility for Licensee to make or maintain Attachments to specific Utility Poles pursuant to the requirements of this Agreement. Licensee's attachments made prior to the Effective Date and authorized by Utility ("Existing Attachments") shall be deemed Permitted Attachments hereunder.
- 1.16 **Pole:** means a pole owned or controlled by Utility excluding transmission poles that is capable of supporting Attachments for Communications Facilities.
- 1.17 **Post-Construction Inspection:** means the inspection by Utility or Licensee or some combination of both to verify that the Attachments have been made in accordance with Applicable Standards and the Permit.
- 1.18 **Pre-Construction Survey:** means all work or operations required by Applicable Standards and/or Utility to determine the Make-Ready Work necessary to accommodate Licensee's Communications Facilities on a Pole. Such work includes, but is not limited to, field inspection and administrative processing.
- 1.19 **Reserved Capacity:** means capacity or space on a Pole that Utility has identified and reserved for its own future utility requirements at the time of the Permit grant, including the installation of communications circuits for operation of Utility's electric system.

- 1.20 **Riser:** means metallic or plastic encasement materials placed vertically on the Pole to guide and protect wires and cables.
- 1.21 **Tag:** means to place distinct markers on wires and cables, coded by color or other means specified by Utility and/or applicable federal, State or local regulations, that will readily identify the type of Attachment (*e.g.*, cable TV, telephone, high-speed broadband data, public safety) and its owner.
- 1.22 **Utility Facilities:** means all personal property and real property owned or controlled by Utility, including Poles and related facilities.

Article 2—Scope of Agreement

- 2.1 **Grant of License.** Subject to the provisions of this Agreement, Utility grants Licensee a revocable, nonexclusive license authorizing Licensee to install and maintain Attachments to Utility's Poles.
- 2.2 **Parties Bound by Agreement.** Licensee and Utility agree to be bound by all provisions of this Agreement.
- 2.3 **Permit Issuance Conditions.** Utility will issue one or more Permit(s) to Licensee only when Utility determines, in its sole judgment, exercised reasonably, that (i) it has sufficient Capacity to accommodate the requested Attachment(s), (ii) Licensee meets all requirements set forth in this Agreement, and (iii) such Permit(s) comply with all Applicable Standards.
- 2.4 **Reserved Capacity.** Access to space on Utility Poles will be made available to Licensee with the understanding that certain Poles may be subject to Reserve Capacity for future electric service use. At the time of Permit issuance, Utility shall notify Licensee if capacity on particular poles is being reserved for reasonably foreseeable future electric use. For Attachments made with notice of such a Reservation of Capacity, on giving Licensee at least sixty (60) calendar days prior notice, Utility may reclaim such Reserved Capacity at any time following the installation of Licensee's Attachment if required for Utility's future utility service. If reclaimed for Utility's use, Utility may at such time also install associated facilities, including the attachment of communications lines for internal Utility operational or governmental communications requirements. Utility shall give Licensee the option to remove its Attachment(s) from the affected Pole(s) or to pay for the cost of any Make-Ready Work needed to expand Capacity for core utility service requirements, so that Licensee can maintain its Attachment on the affected Pole(s). The allocation of the cost of any such Make-Ready Work (including the transfer, rearrangement, or relocation of third-party Attachments) shall be determined in accordance with Article 9. Licensee shall not be required to bear any of the costs or rearranging or replacing its Attachment(s), if such

rearrangement or replacement is required as a result of an additional attachment or the modification of an existing attachment sought by any other entity.

- 2.5 **No Interest in Property.** No use, however lengthy, of any Utility Facilities, and no payment of any fees or charges required under this Agreement, shall create or vest in Licensee any easement or other ownership or property right of any nature in any portion of such Facilities. Neither this Agreement, nor any Permit granted under this Agreement, shall constitute an assignment of any of Utility's rights to Utility Facilities. Notwithstanding anything in this Agreement to the contrary, Licensee shall, at all times, be and remain a Licensee only.
- 2.6 **Licensee's Right to Attach.** Nothing in this Agreement, other than a Permit issued pursuant to Article 6, shall be construed as granting Licensee any right to attach Licensee's Communications Facilities to any specific Pole.
- 2.7 **Utility's Rights over Poles.** The parties agree that this Agreement does not in any way limit Utility's right to locate, operate, maintain, or remove its Poles in the manner that will best enable it to fulfill its service requirements or to comply with any federal, state, or local legal requirement.
- 2.8 **Expansion of Capacity.** Utility will take reasonable steps to expand Pole Capacity when necessary to accommodate Licensee's request for Attachment. Notwithstanding the foregoing sentence, nothing in this Agreement shall be construed to require Utility to install, retain, extend, or maintain any Pole for use when such Pole is not needed for Utility's own service requirements.
- 2.9 **Other Agreements.** Except as expressly provided in this Agreement, nothing in this Agreement shall limit, restrict, or prohibit Utility from fulfilling any agreement or arrangement regarding its Poles into which Utility has previously entered, or may enter in the future, with others not party to this Agreement.
- 2.10 **Permitted Uses.** This Agreement is limited to the uses specifically stated in the recitals set forth above and no other use shall be allowed without Utility's express written consent to such use. Nothing in this Agreement shall be construed to require Utility to allow Licensee to use Utility's Poles after the termination of this Agreement.
- 2.11 **Overlashing.** The following provisions apply to Overlashing:
- 2.11.1 Licensee shall obtain a Permit for each Overlashing, in accordance with the requirements of Article 6. Absent such authorization, Overlashing constitutes an unauthorized Attachment and is subject to removal or, at

Utility's discretion, imposition of an Unauthorized Attachment fee, as specified in Appendix A, Item 3.

2.11.2 Authorized Overlapping to accommodate Attachments of Licensee or its Affiliate(s) shall not increase the Annual Attachment Fee paid by Licensee pursuant to Appendix A, Item 1. Licensee or Licensee's Affiliate shall, however, be responsible for all Make-Ready Work and other charges associated with the Overlapping. Licensee shall not have to pay a separate Annual Attachment Fee for such Overlapped Attachment.

2.11.3 At Licensee's request, Utility may allow Overlapping to accommodate facilities of a third party, not affiliated with Licensee. In such circumstances, the third party must enter into a License Agreement with Utility, obtain Permit(s), and pay a separate Attachment Fee (Appendix A, Item 1) as well as the costs of all necessary Make-Ready Work required to accommodate the Overlapping. Utility shall not grant such Permit(s) to third parties allowing Overlapping of Licensee's Communications Facilities without Licensee's consent. Authorized Overlapping shall not increase the fees and charges paid by Licensee pursuant to Appendix A, Item 1. Nothing in this Agreement shall prevent Licensee from seeking a contribution from an Overlapping third party to defray fees and charges paid by Licensee.

2.11.4 Make-Ready Work procedures set forth in Article 7 shall apply, as necessary, to all Overlapping.

2.11.5 Overlapping shall only be permitted if the existing attachment is located in the communication space.

2.12 **Enclosures.** Licensee shall not place Pedestals, Vaults, and/or other Enclosures on or within ten (10) feet of any Pole or other Utility Facilities without Utility's prior written permission. If permission is granted, all such installations shall be per the Specifications and Drawings in Appendix D of this Agreement and charges as provided in Appendix A. Such permission shall not be unreasonably withheld. Further, Licensee agrees to move any such above-ground enclosures in order to provide sufficient space for Utility to set a replacement Pole.

Article 3—Fees and Charges

3.1 **Payment of Fees and Charges.** Licensee shall pay to Utility the fees and charges specified in Appendix A and shall comply with the terms and conditions specified in this Agreement.

- 3.2 **Payment Period.** Unless otherwise expressly provided, Licensee shall pay any invoice its receives from Utility pursuant to this Agreement within thirty (30) calendar days after Utility issues the invoice.
- 3.3 **Billing of Attachment Fee.** Utility shall invoice Licensee for the per-pole Attachment Fee annually, in arrears. Utility will submit to Licensee an invoice for the annual rental period not later than June 30th of each year. The initial annual rental period shall commence upon the execution of this Agreement and conclude on June 30th of the next year, and each subsequent annual rental period shall commence on the following July 1st and conclude on June 30th of the subsequent year. The invoice shall set forth the total number of Utility's Poles on which Licensee was issued and/or holds Permit(s) for Attachments during such annual rental period, including any previously authorized and valid Permits.
- 3.4 **Refunds.** No fees and charges specified in Appendix A shall be refunded on account of any surrender of a Permit granted under this Agreement. Nor shall any refund be owed if a Pole is not used or abandoned by Utility.
- 3.5 **Late Charge.** If Utility does not receive payment for any fee or other amount owed within thirty (30) calendar days after it becomes due, Licensee shall pay interest to Utility at the rate of ten (10%) per month, or the maximum interest allowed by law, whichever is greater, on the amount due.
- 3.6 **Payment for Work.** Licensee will be responsible for payment to Utility for all work that Utility or Utility's contractors perform pursuant to this Agreement to accommodate Licensee's Communications Facilities.
- 3.7 **Advance Payment.** At its sole discretion, Utility may require that Licensee pay in advance all reasonable costs, including, but not limited to administrative, construction, inspections, and Make-Ready Work expenses, in connection with the initial installation or rearrangement of Licensee's Communications Facilities pursuant to the procedures set forth in Articles 6 and 7 below.
- 3.8 **True-Up.** Whenever Utility, in its discretion, requires advance payment of estimated expenses prior to undertaking an activity on behalf of Licensee and the actual cost of the activity exceeds the advance payment of estimated expenses, Licensee agrees to pay Utility for the difference in cost, provided that Utility documents such costs with sufficient detail to enable Licensee to verify the charges. To the extent that Utility's actual cost of the activity is less than the estimated cost, Utility shall refund to Licensee the difference in cost.
- 3.9 **Determination of Charges.** Wherever this Agreement requires Licensee to pay for work done or contracted by Utility, the charge for such work shall include all

reasonable material, labor, engineering, administrative, and applicable overhead costs. Utility shall bill its services based upon actual costs, and such costs will be determined in accordance with Utility's cost accounting systems used for recording capital and expense activities. All such invoices shall include an itemization of dates of work, location of work, labor and equipment costs per hour, persons employed, and costs of materials used. If Licensee was required to perform work and fails to perform such work, necessitating completion of the work by Utility, Utility may either charge an additional ten percent (10%) of its costs or assess the penalty specified in Appendix A.

- 3.10 **Work Performed by Utility.** Whenever this Agreement requires Utility to perform any work, Utility, at its sole discretion, may utilize its employees or contractors, or any combination of the two, to perform such work.
- 3.11 **Default for Nonpayment.** Nonpayment of any amount due under this Agreement beyond sixty (60) days shall constitute a material default of this Agreement.

Article 4—Specifications

- 4.1 **Installation/Maintenance of Communications Facilities.** After a Permit is issued pursuant to this Agreement, Licensee's Communications Facilities shall be installed and maintained in accordance with the requirements and specifications of Appendix D. All of Licensee's Communications Facilities must comply with all Applicable Standards. Licensee shall be responsible for the installation and maintenance of its Communications Facilities. Licensee shall, at its own expense, make and maintain its Attachment(s) in safe condition and good repair, in accordance with all Applicable Standards. Notwithstanding anything in this Agreement to the contrary, Licensee shall not be required to update or upgrade its Attachments if they met Applicable Standards at the time the attachments were made, unless such updates or upgrades are required by any revised Applicable Standards.
- 4.2 **Tagging.** Licensee shall Tag all of its Communications Facilities as specified in Appendix D and/or applicable federal, State, and local regulations upon installation of such Facilities. Within one year of the execution of this Agreement, Licensee shall also tag any untagged Communications Facilities that were on Utility Poles on the effective date of this Agreement. Failure to provide proper tagging will be considered a violation of the Applicable Standards.
- 4.3 **Interference.** Licensee shall not allow its Communications Facilities to impair the ability of Utility or any third party to use Utility's Poles, nor shall Licensee allow its Communications Facilities to interfere with the operation of any Utility

Facilities, third-party facilities or City of Stillwater facilities including cables, conductors, traffic controls networks and/or systems, communication networks and/or systems, radio communication network and/or systems, emergency management networks and/or systems and all related facilities.

- 4.4 **Protective Equipment.** Licensee and its employees and contractors shall utilize and install adequate protective equipment to ensure the safety of people and facilities. Licensee shall, at its own expense, install protective devices designed to handle the electric voltage and current carried by Utility's facilities in the event of a contact with such facilities. Except as provided in Paragraph 16.1, Utility shall not be liable for any actual or consequential damages to Licensee's Communications Facilities, Licensee's customers' facilities, or to any of Licensee's employees, contractors, customers, or other persons.
- 4.5 **Utility Right to Correct.** If Licensee's Communications Facilities, or any part of them, are installed, used, or maintained in violation of this Agreement, and Licensee has not corrected the violation(s) within thirty (30) calendar days from receipt of written notice of the violation(s) from Utility, Utility at its option, may correct such conditions. Utility will attempt to notify Licensee in writing prior to performing such work whenever practicable. When Utility believes, however, that such violation(s) pose an immediate threat to the safety of any person, interfere with the performance of Utility's service obligations, or present an immediate threat to the physical integrity of Utility Facilities, Utility may perform such work and/or take such action as it deems necessary without first giving written notice to Licensee. As soon as practicable afterward, Utility will advise Licensee of the work performed or the action taken. Licensee shall be responsible for all actual and reasonable costs incurred by Utility in taking action pursuant to this Paragraph, and Licensee shall indemnify Utility against any liability, costs, and expenses, including reasonable attorney's and expert fees, arising out of or relating to any such work.
- 4.6 **Restoration of Utility Service.** Utility's service restoration requirements shall take precedence over any and all work operations of Licensee on Utility's Poles.
- 4.7 **Effect of Failure to Exercise Access Rights.** If Licensee does not exercise any access right granted pursuant to this Agreement and/or applicable Permit(s) within ninety (90) calendar days of the effective date of such right and any extension to such Permit(s), Utility may, but shall have no obligation to, use the space scheduled for Licensee's Attachment(s) for its own needs or make the space available to other Attaching Entities. In such instances, Utility shall endeavor to make other space available to Licensee, upon written application under Article 6, as soon as reasonably possible and subject to all requirements of this Agreement, including the Make-Ready Work provisions. If Utility uses the space for its own

needs or makes them available to other parties. then from the date that Utility or a third party begins to use such space, For purposes of this paragraph, Licensee's access rights shall not be deemed effective until any necessary Make-Ready Work has been performed.

- 4.8 Removal of Nonfunctional Attachments.** At its sole expense, Licensee shall remove any of its Attachments or any part thereof that becomes nonfunctional and no longer fit for service ("Nonfunctional Attachment") as provided in this Paragraph 4.8. A Nonfunctional Attachment that Licensee has failed to remove as required in this paragraph shall constitute an unauthorized Attachment and is subject to the Unauthorized Attachment fee specified in Appendix A, Item 3. Except as otherwise provided in this Agreement, Licensee shall remove Nonfunctional Attachments within one (1) year of the Attachment becoming nonfunctional, unless Licensee receives written notice from Utility that removal is necessary to accommodate Utility's or another Attaching Entity's use of the affected Pole(s), in which case Licensee shall remove the Nonfunctional Attachment within sixty (60) days of receiving the notice. Where Licensee has received a Permit to Overlash a Nonfunctional Attachment, such Nonfunctional Attachment may remain in place until Utility notifies Licensee that removal is necessary to accommodate Utility's or another Attaching Entity's use of the affected Pole(s). Licensee shall give Utility notice of any Nonfunctional Attachments as provided in Article 15.

Article 5—Private and Regulatory Compliance

- 5.1 Necessary Authorizations.** Before Licensee occupies any of Utility's Poles, Licensee shall obtain from the appropriate public or private authority, or from any property owner or other appropriate person, any required authorization to construct, operate, or maintain its Communications Facilities on public or private property. Utility retains the right to require evidence that appropriate authorization has been obtained before any Permit is issued to Licensee. Licensee's obligations under this Article 5 include, but are not limited to, its obligation to obtain and pay for all necessary approvals to occupy public/private rights-of-way and easements and all necessary licenses and authorizations to provide the services that it provides over its Communications Facilities. Licensee shall defend, indemnify, and reimburse Utility for all losses, costs, and expenses, including reasonable attorney's fees that Utility may incur as a result of claims by governmental bodies, owners of private property, or other persons, that Licensee does not have sufficient rights or authority to attach Licensee's Communications Facilities on Utility's Poles or to provide particular services.

- 5.2 **Lawful Purpose and Use.** Licensee's Communications Facilities must at all times serve a lawful purpose, and the use of such Facilities must comply with all applicable federal, State and local laws.
- 5.3 **Forfeiture of Utility's Rights.** No Permit granted under this Agreement shall extend, or be deemed to extend, to any of Utility's Poles to the extent that Licensee's Attachment would result in a forfeiture of Utility's rights. Any Permit that would result in forfeiture of Utility's rights shall be deemed invalid as of the date that Utility granted it. Further, if any of Licensee's existing Communications Facilities, whether installed pursuant to a valid Permit or not, would cause such forfeiture, Licensee shall promptly remove its Facilities upon receipt of written notice from Utility. If Licensee does not remove its Communications Facilities in question within thirty (30) days of receiving written notice from Utility, Utility may at its option perform such removal at Licensee's expense. Notwithstanding the forgoing, Licensee shall have the right to contest any such forfeiture before any of its rights are terminated, provided that Licensee shall indemnify Utility for liability, costs, and expenses, including reasonable attorney's fees, that may accrue during Licensee's challenge.
- 5.4 **Effect of Consent to Construction/Maintenance.** Consent by Utility to the construction or maintenance of any Attachments by Licensee shall not be deemed consent, authorization, or acknowledgment that Licensee has obtained all required Authorizations with respect to such Attachment.

Article 6—Permit Application Procedures

- 6.1 **Permit Required.** Licensee shall not make any Attachments to any of Utility's Poles without first applying for and obtaining a Permit pursuant to the applicable requirements of Appendix B. If updates or upgrades are required by Applicable Standards, Licensee shall not be required to obtain Permits for Attachment(s) existing as of the effective date of this Agreement. Such grandfathered Attachments shall, however, be subject to the Attachment Fees specified in Appendix A and the tagging provisions in Paragraph 4.2. Licensee shall provide Utility a list of all such pre-existing Attachments within six (6) months of the effective date of this Agreement.
- 6.2 **Permits for Overlashing.** As set out in Paragraph 2.11, Permits are required for any Overlashing allowed under this Agreement and Licensee. Licensee's Affiliate or other third party, as applicable, shall pay any necessary Make-Ready Work costs to accommodate such Overlashing.
- 6.3 **Professional Certification.** Unless otherwise waived in writing by Utility, as part of the Permit application process and at Licensee's sole expense, a qualified and experienced professional engineer, or an employee or contractor of Licensee who

has been approved by Utility, must participate in the Pre-Construction Survey, conduct the Post-Construction Inspection, and certify that Licensee's Communications Facilities can be and were installed on the identified Poles in compliance with the standards in Paragraph 4.1 and in accordance with the Permit. The professional engineer's qualifications must include experience performing such work, or substantially similar work, on electric distribution systems. The Utility may require the Licensee's professional engineer to conduct a post-construction inspection that the Utility will verify by means that it deems to be reasonable.

Utility, at its discretion, may waive the requirements of this Paragraph 6.3, with respect to service drops.

- 6.4 Utility Review of Permit Application.** Upon receipt of a properly executed Application for Permit (Appendix C), which shall include the Pre-Construction Survey, certified per Paragraph 6.3 above, and detailed plans for the proposed Attachments in the form specified in Appendix D, Utility will review the Permit Application and discuss any issues with Licensee, including engineering or Make-Ready Work requirements associated with the Permit Application. Utility acceptance of the submitted design documents does not relieve Licensee of full responsibility for any errors and/or omissions in the engineering analysis. Unless otherwise agreed, the Permit application process shall be consistent with the following timeline:

- 6.4.1 Review Period.** Utility shall review and respond to properly executed and complete Permit Applications for routine installations as promptly as is reasonable with a goal of providing a response during normal circumstances of within seventy-five (75) days of receipt. For Permit Applications seeking Attachments to 50 or more Poles, the Utility may require additional time to review. The Utility's response will either provide a written explanation as to why the Application is being denied, in whole or in part, or provide an estimate of the costs of all necessary Make-Ready Work.
- 6.4.2** Upon receipt of Utility's Make-Ready estimate, Licensee shall have fourteen (14) days to approve the estimate and provide payment in accordance with this Agreement and the specifications of the estimate.
- 6.4.3** Utility will complete routine Make-Ready Work within sixty (60) days of receipt of payment. If there are extenuating circumstances that make the necessary Make-Ready more complicated or time-consuming, including, but not limited to the number of Poles, seasonal weather conditions, the Utility shall identify those factors in the Make-Ready estimate and the parties shall agree upon a reasonable timeframe for completion.

6.4.4 Utility may toll the time period for completion of Make-Ready Work by written notice in order to respond to severe storms, natural disasters, or other emergency situations.

- 6.5 **Permit as Authorization to Attach.** Upon completion of any necessary Make-Ready Work and receipt of payment for such work, Utility will sign and return the Permit Application, which shall serve as authorization for Licensee to make its Attachment(s).

Article 7—Make-Ready Work/Installation

- 7.1 **Estimate for Make-Ready Work.** If Utility determines that it can accommodate Licensee's request for Attachment(s), including Overlapping of an existing Attachment, it will, upon request, advise Licensee of any estimated Make-Ready Work charges necessary to accommodate the Attachment.
- 7.2 **Payment of Make-Ready Work.** Upon completion of the Make-Ready Work, Utility shall invoice Licensee for Utility's actual cost of such Make-Ready Work. Alternatively, Utility, at its discretion, may require payment in advance for Make-Ready Work based upon the estimated cost of such work. In such case, upon completion Licensee shall pay Utility's actual cost of Make-Ready Work. The costs of the work shall be itemized in accordance with Paragraph 3.9 and trued up in accordance with Paragraph 3.8.
- 7.3 **Who May Perform Make-Ready Work.** Make-Ready Work shall be performed only by Utility and/or a contractor authorized by Utility to perform such work. If Utility chooses not to or cannot perform the Make-Ready Work to accommodate Licensee's Communications Facilities within sixty (60) calendar days of Licensee's agreement, to Make-Ready Work estimate, Licensee may request the ability to use a qualified contractor to perform such work and shall specify when such work would be performed. In all instances, "qualified contractors," if allowed, must be pre-approved by Utility for such work on an annual basis.
- 7.4 **Scheduling of Make-Ready Work.** In performing all Make-Ready Work to accommodate Licensee's Communications Facilities, Utility will attempt to include such work in its normal work schedule. If Licensee requests that the Make-Ready Work be performed on a priority basis or outside of Utility's normal work hours, Licensee will pay any resulting increased costs. Nothing in this Agreement shall be construed to require Utility to perform Licensee's work before other scheduled work or Utility service restoration.
- 7.5 **Notification of Make-Ready Work.** Before starting Make-Ready Work, Utility shall notify all Attaching Entities of the date and location of the scheduled work

and shall afford all such entities an opportunity to make any modifications to their existing Attachments in connection with the Make-Ready Work.

- 7.6 **Written Approval of Installation Plans Required.** Before making any Attachments to Utility's Poles, including Overlapping of existing Attachments, Licensee must obtain Utility's written detailed plan approval for the Attachments. Such detailed plans shall accompany a Permit application as required under Paragraph 6.4.

7.7 **Licensee's Installation/Removal/Maintenance Work.**

7.7.1 All of Licensee's installation, removal, and maintenance work, by either Licensee's employees or authorized contractors, shall be performed at Licensee's sole cost and expense, in a good and workmanlike manner, and must not adversely affect the structural integrity of Utility's Poles or other Facilities or other Attaching Entity's facilities or equipment. All such work is subject to the insurance requirements of Article 18.

7.7.2 All of Licensee's installation, removal, and maintenance work, either by its employees or authorized contractors, shall comply with all applicable regulations specified in Paragraph 4.1. Licensee shall assure that any person installing, maintaining, or removing its Communications Facilities is fully qualified and familiar with all Applicable Standards, the provisions of Article 17, and the Minimum Design Specifications contained in Appendix D.

Article 8—Transfers

- 8.1 **Required Transfers of Licensee's Communications Facilities.** If Utility reasonably determines that a transfer of Licensee's Communications Facilities is necessary, Utility will, at its option, either require Licensee to perform such transfer at its own expense within thirty (30) calendar days after receiving notice from Utility, or perform the transfer itself, using its personnel, and/or contractors. If Licensee fails to transfer its Facilities within thirty (30) calendar days after receiving such notice from Utility, Utility shall have the right to transfer Licensee's Facilities using its personnel and/or contractors. The costs of such transfers shall be apportioned as specified under Article 9. Utility shall not be liable for damage to Licensee's Facilities except to the extent provided in Paragraph 16.1. The written advance notification requirement of this Paragraph shall not apply in emergency situations. In emergency situations, Utility shall provide such advance notice as is practical, given the urgency of the particular situation. Utility shall then provide written notice of any such actions taken within ten (10) days following the occurrence. Irrespective of who owns Facilities that

are Overlashed on to Licensee's Attachments. Licensee is responsible for the transfer of such Facilities and the costs of doing so.

Article 9—Modifications and/or Replacements

- 9.1 Licensee's Action Requiring Modification/Replacement.** If any Pole to which Licensee desires to make Attachment(s) is unable to support or accommodate the additional facilities in accordance with all Applicable Standards, Utility will notify Licensee of the necessary Make-Ready Work, and associated costs, to provide adequate Pole space, including, but not limited to, replacement of the Pole and/or rearrangement or transfer of Utility's Facilities, as well as the facilities of other Attaching Entities. Licensee shall be responsible for separately entering into an agreement with other Attaching Entities concerning the allocation of costs for the relocation or rearrangement of such entities' existing Attachments. If Licensee elects to go forward with the necessary changes, Licensee shall pay to Utility the actual cost of the Make-Ready Work, performed by Utility, in accordance with Paragraph 3.9. Utility, in its discretion, may require advance payment. Licensee shall also be responsible for obtaining and furnishing to Utility before the commencement of any Make-Ready Work, agreements between Licensee and the other Attaching Entities (including Overlashers) concerning the relocation or rearrangement of their Attachments and the costs involved.
- 9.2 Treatment of Multiple Requests for Same Pole.** If Utility receives Permit Applications for the same Pole from two or more prospective licensees within sixty (60) calendar days of the initial request, and accommodating their respective requests would require modification of the Pole or replacement of the Pole, Utility will allocate among such licensees the applicable costs associated with such modification or replacement.
- 9.3 Guying.** The use of guying to accommodate Licensee's Attachments shall be provided by, and at the expense of, Licensee and to the satisfaction of Utility, as specified in Appendix D. Licensee shall not attach its guy wires to Utility's anchors without prior written permission of Utility. If permission is granted, charges may apply.
- 9.4 Allocation of Costs.** The costs for any rearrangement or transfer of Licensee's Communications Facilities or the replacement of a Pole (including any related costs for tree cutting or trimming required to clear the new location of Utility's cables or wires) shall be allocated to Utility and/or Licensee and/or other Attaching Entity on the following basis:
- 9.4.1** If Utility intends to modify or replace a Pole solely for its own requirements, it shall be responsible for the costs related to the modification/replacement of the Pole. Licensee shall not be responsible

for costs associated with the rearrangement or transfer of Licensee's Communications Facilities, unless and to the extent the rearrangement or transfer is necessary in connection with Utility's reacquisition of Reserved Capacity from Licensee. Prior to making any such modification or replacement, Utility shall provide Licensee written notification of its intent in order to provide Licensee a reasonable opportunity to modify or add to its existing Attachment. Should Licensee decide to do so, it must seek Utility's written permission in accordance with this Agreement. If Licensee elects to add to or modify its Communications Facilities, Licensee shall pay its Pro-Rata of the costs incurred by Utility in making the space on the Poles accessible to Licensee.

- 9.4.2 If the modification or replacement of a Pole is necessitated by the requirements of Licensee, Licensee shall be responsible for all costs caused by the modification or replacement of the Pole as well as the costs associated with the transfer or rearrangement of any other Attaching Entity's Communications Facilities. At the time Licensee submits a Permit Application to Utility, Licensee shall submit evidence, in writing, that it has made arrangements to reimburse all affected Attaching Entities for their costs caused by the transfer or rearrangement of their Facilities. Utility shall not be obligated in any way to enforce or administer Licensee's responsibility for the costs associated with the transfer or rearrangement of another Attaching Entity's Facilities pursuant to this Paragraph 9.4.2.
- 9.4.3 If the modification or the replacement of a Pole is the result of an additional Attachment or the modification of an existing Attachment sought by an Attaching Entity other than Utility or Licensee, the Attaching Entity requesting the additional or modified Attachment shall bear the entire cost of the modification or replacement, as well as the costs for rearranging or transferring Licensee's Communications Facilities. Licensee shall cooperate with such third-party Attaching Entity to determine the costs of moving Licensee's facilities.
- 9.4.4 If the Pole must be modified or replaced for reasons unrelated to the use of the Pole by Attaching Entities (*e.g.*, storm, accident, deterioration), Utility shall pay the costs of such modification or replacement and Licensee shall pay the costs of rearranging or transferring its Communications Facilities.

- 9.5 **Utility Not Required to Relocate.** Nothing in this Agreement shall be construed to require Utility to relocate its Attachments or to modify or replace its Poles for the benefit of Licensee.

Article 10—Abandonment or Removal of Utility Facilities

- 10.1 **Notice of Abandonment or Removal of Utility Facilities.** If Utility desires at any time to abandon, remove, or underground any Utility Facilities to which Licensee's Communications Facilities are attached, it shall give Licensee notice in writing to that effect at least sixty (60) calendar days prior to the date on which it intends to abandon or remove such Utility's Facilities. Notice may be limited to thirty (30) calendar days if Utility is required to remove or abandon its Utility Facilities as the result of the action of a third party and the lengthier notice period is not practical. Such notice shall indicate whether Utility is offering Licensee an option to purchase the Pole(s). If, following the expiration of the thirty (30) day period, Licensee has not yet removed and/or transferred all of its Communications Facilities and has not entered into an agreement to purchase Utility's Facilities pursuant to Paragraph 10.2, Utility shall have the right, but not the obligation, to remove or transfer Licensee's Communications Facilities at Licensee's expense. Utility shall give Licensee prior written notice of any such removal or transfer of Licensee's Facilities.
- 10.2 **Option to Purchase Abandoned Poles.** Should Utility desire to abandon any Pole, Utility may, in its sole discretion, grant Licensee the option of purchasing such Pole at a price to be negotiated with Utility. Licensee must notify Utility in writing within thirty (30) calendar days of the date of Utility's notice of abandonment that Licensee desires to purchase the abandoned Pole. Thereafter, Licensee must also secure and deliver proof of all necessary governmental approvals and easements allowing Licensee to independently own and access the Pole within forty-five (45) calendar days. Should Licensee fail to secure the necessary governmental approvals, or should Utility and Licensee fail to enter into an agreement for Licensee to purchase the Pole within forty-five (45) calendar days, Licensee must remove its Attachments as required under Paragraph 10.1. Nothing in this Agreement shall be construed as requiring Utility to sell Licensee Poles that Utility intends to remove or abandon.
- 10.3 **Underground Relocation.** If Utility moves any portion of its aerial system underground, Licensee shall remove its Communications Facilities from any affected Poles within sixty (60) calendar days of receipt of notice from Utility and must either relocate its affected Facilities underground with Utility or find other means to accommodate its Facilities. If Licensee does not remove its Attachments within sixty (60) days, Utility shall have the right to remove or transfer Licensee's Communications Facilities at Licensee's expense. Licensee's

failure to remove its Facilities as required under this Paragraph 10.3 shall subject Licensee to the penalty provisions of Appendix A.

Article 11—Removal of Licensee’s Facilities

Removal on Expiration/Termination. At the expiration or other termination of this License Agreement or individual Permit(s), Licensee shall remove its Communications Facilities from the affected Poles at its own expense. If Licensee fails to remove such Facilities within sixty (60) calendar days of expiration or termination or some greater period as allowed by Utility, Utility shall have the right, but not the obligation, to remove or transfer such Facilities removed at Licensee’s expense.

Article 12—Termination of Permit

12.1 Automatic Termination of Permit. Any Permit issued pursuant to this Agreement shall automatically terminate when Licensee ceases to have authority to construct and operate its Communications Facilities on public or private property at the location of the particular Pole(s) covered by the Permit. Permits will also expire if the Licensee’s facilities are not installed and operational within six (6) months of the Permit issuance date.

12.2 Surrender of Permit. Licensee may at any time surrender any Permit for Attachment(s) and remove its Communications Facilities from the affected Pole(s), provided, however, that before commencing any such removal, Licensee must obtain Utility’s written approval of Licensee’s plans for removal, including the name of the person or entity performing such work and the date(s) and time(s) during which such work will be completed. All such work is subject to the insurance requirements of Article 18. No refund of any fees or costs will be made upon removal. If Licensee surrenders such Permit pursuant to the provisions of this Article, but fails to remove its Attachments from Utility’s Facilities within thirty (30) calendar days, Utility shall have the right, but not the obligation, to remove or transfer Licensee’s Attachments at Licensee’s expense.

Article 13—Inspection of Licensee’s Facilities

13.1 Inspections. Utility may conduct an inventory and inspection of Attachments at any time. Within thirty (30) calendar days of receiving written notice from Utility, Licensee shall correct all Attachments that Utility identifies as being out of compliance with Applicable Standards. If Utility finds that five percent (5%) or more of Licensee’s Attachments are either in non-compliance or not permitted, Licensee shall pay its *pro-rata* share of the costs of the inspection.

13.2 Notice. Utility will give Licensee reasonable advance written notice of such inspections, except in those instances in which safety considerations justify the need for such inspection without delay.

- 13.3 **No Liability.** Inspections performed under this Article 13, or the failure to do so, shall not operate to impose upon Utility any liability of any kind whatsoever or to relieve Licensee of any responsibility, obligations, or liability, whether assumed under this Agreement or otherwise existing.
- 13.4 **Attachment Records.** Notwithstanding the above inspection provisions, Licensee shall furnish to Utility annually an up-to-date electronic map depicting the locations of its Attachments, in a format specified by Utility.

Article 14—Unauthorized Occupancy or Access

- 14.1 **Penalty Fee.** If any of Licensee's Attachments are found occupying any Pole for which no Permit has been issued, Utility, without prejudice to its other rights or remedies under this Agreement, may assess an Unauthorized Access Penalty Fee, as specified in Appendix A. Item 3. If Licensee fails to pay such Fee within thirty (30) calendar days of receiving notification of it, Utility shall have the right, but not the obligation, to remove such Communications Facilities at Licensee's expense.
- 14.2 **No Ratification of Unauthorized Use.** No act or failure to act by Utility with regard to any unauthorized use shall be deemed as ratification of the unauthorized use. Unless the parties agree otherwise, a Permit for a previously unauthorized Attachment shall not operate retroactively or constitute a waiver by Utility of any of its rights or privileges under this Agreement or otherwise, and Licensee shall remain subject to all obligations and liabilities arising out of or relating to its unauthorized use.

Article 15—Reporting Requirements

At the time that Licensee pays its annual Attachment Fee, Licensee shall also provide the following information to Utility:

- 15.1 The Poles on which Licensee has installed, during the relevant reporting period, Risers and service drops, for which no Permit was required.
- 15.2 All Attachments that have become nonfunctional during the relevant reporting period. The report shall identify the Pole on which the nonfunctional Attachment is located, describe the nonfunctional equipment, and indicate the approximate date the Attachment became nonfunctional.
- 15.3 Any equipment Licensee has removed from Poles during the relevant reporting period. The report shall identify the Pole from which the equipment was removed, describe the removed equipment, and indicate the approximate date of removal. This requirement does not apply where Licensee is surrendering a Permit pursuant to Paragraph 12.2.

Article 16—Liability and Indemnification

16.1 Liability. Utility reserves to itself the right to maintain and operate its Poles in the manner that will best enable it to fulfill its service requirements. Licensee agrees to use Utility’s Poles at Licensee’s sole risk.

16.2 Indemnification. Licensee, and any agent, contractor, or subcontractor of Licensee, shall defend, indemnify, and hold harmless Utility and its officials, officers, board members, council members, commissioners, representatives, employees, agents, and contractors against any and all liability, costs, damages, fines, taxes, special charges by others, penalties, payments (including payments made by Utility under any Workers’ Compensation Laws or under any plan for employees’ disability and death benefits), and expenses (including reasonable attorney’s fees of Utility and all other costs and expenses of litigation) (“Covered Claims”) arising in any way, including any act, omission, failure, negligence, or willful misconduct, in connection with the construction, maintenance, repair, presence, use, relocation, transfer, removal or operation by Licensee, or by Licensee’s officers, directors, employees, agents, or contractors, of Licensee’s Communications Facilities, except to the extent of Utility’s gross negligence or willful misconduct solely giving rise to such Covered Claims. Such Covered Claims include, but are not limited to, the following:

16.2.1 Intellectual property infringement, libel and slander, trespass, unauthorized use of television or radio broadcast programs and other program material, and infringement of patents;

16.2.2 Cost of work performed by Utility that was necessitated by Licensee’s failure, or the failure of Licensee’s officers, directors, employees, agents or contractors, to install, maintain, use, transfer, or remove Licensee’s Communications Facilities in accordance with the requirements and specifications of this Agreement, or from any other work this Agreement authorizes Utility to perform on Licensee’s behalf;

16.2.3 Damage to property, injury to or death of any person arising out of the performance or nonperformance of any work or obligation undertaken by Licensee, or Licensee’s officers, directors, employees, agents, or contractors, pursuant to this Agreement;

16.2.4 Liabilities incurred as a result of Licensee’s violation, or a violation by Licensee’s officers, directors, employees, agents, or contractors, of any law, rule, or regulation of the United States, any State, or any other governmental entity or administrative agency.

16.3 Environmental Hazards. Licensee represents and warrants that its use of Utility's Poles will not generate any Hazardous Substances, that it will not store or dispose on or about Utility's Poles or transport to Utility's Poles any hazardous substances and that Licensee's Communications Facilities will not constitute or contain and will not generate any hazardous substance in violation of federal, state, or local law now or hereafter in effect, including any amendments. "Hazardous Substance" shall be interpreted broadly to mean any substance or material designated or defined as hazardous or toxic waste, hazardous or toxic material, hazardous or toxic or radioactive substance, dangerous radio frequency radiation, or other similar terms by any federal, state, or local laws, regulations or rules now or hereafter in effect, including any amendments. Licensee further represents and warrants that in the event of breakage, leakage, incineration, or other disaster, its Communications Facilities would not release any Hazardous Substances. Licensee and its agents, contractors, and subcontractors shall defend, indemnify, and hold harmless Utility and its respective officials, officers, board members, council members, commissioners, representatives, employees, agents, and contractors against any and all liability, costs, damages, fines, taxes, special charges by others, penalties, punitive damages, or expenses (including reasonable attorney's fees and all other costs and expenses of litigation) arising from or due to the release, threatened release, storage, or discovery of any Hazardous Substances on, under, or adjacent to Utility's Poles attributable to Licensee's use of Utility's Poles.

Should Utility's Poles be declared to contain Hazardous Substances, Utility, Licensee, and all Attaching Entities shall share proportionately in the cost of disposal of the affected Poles based on each entity's individual percentage use of same. For Attaching Entities, such percentage shall be derived from the sum of space occupied by each Attaching Entity plus its share of the common space, including the NESC safety space. For Utility, such percentage shall be equal to the space above the NESC safety space plus its share of the common Space. If the source or presence of the Hazardous Substance is solely attributable to particular parties, such costs shall be borne solely by those parties.

16.4 Municipal Liability Limits. No provision of this Agreement is intended, or shall be construed, to be a waiver for any purpose by Utility of any applicable State limits on municipal liability or governmental immunity. No indemnification provision contained in this Agreement under which Licensee indemnifies Utility shall be construed in any way to limit any other indemnification provision contained in this Agreement.

16.5 If Utility brings a successful action in a court of competent jurisdiction to enforce this Agreement, Licensee shall pay Utility's reasonable attorney's fees.

Article 17—Duties, Responsibilities, and Exculpation

- 17.1 Duty to Inspect.** Licensee acknowledges and agrees that Utility does not warrant the condition or safety of Utility's Facilities, or the premises surrounding the Facilities, and Licensee further acknowledges and agrees that it has an obligation to inspect Utility's Poles and/or premises surrounding the Poles, prior to commencing any work on Utility's Poles or entering the premises surrounding such Poles.
- 17.2 Knowledge of Work Conditions.** By executing this Agreement, Licensee warrants that it has acquainted, or will fully acquaint, itself and its employees and/or contractors and agents with the conditions relating to the work that Licensee will undertake under this Agreement and that it fully understands or will acquaint itself with the facilities, difficulties, and restrictions attending the execution of such work.
- 17.3 DISCLAIMER.** UTILITY MAKES NO EXPRESS OR IMPLIED WARRANTIES WITH REGARD TO UTILITY'S POLES, ALL OF WHICH ARE HEREBY DISCLAIMED, AND UTILITY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EXCEPT TO THE EXTENT EXPRESSLY AND UNAMBIGUOUSLY SET FORTH IN THIS AGREEMENT. UTILITY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
- 17.4 Duty of Competent Supervision and Performance.** The parties further understand and agree that, in the performance of work under this Agreement, Licensee and its agents, employees, contractors, and subcontractors will work near electrically energized lines, transformers, or other Utility Facilities. The parties understand and intend that energy generated, stored, or transported by Utility Facilities will not be interrupted during the continuance of this Agreement, except in emergencies endangering life or threatening grave personal injury or property. Licensee shall ensure that its employees, agents, contractors, and subcontractors have the necessary qualifications, skill, knowledge, training, and experience to protect themselves, their fellow employees, agents, contractors, and subcontractors; employees, agents, contractors, and subcontractors of Utility; and the general public, from harm or injury while performing work permitted pursuant to this Agreement. In addition, Licensee shall furnish its employees, agents, contractors, and subcontractors competent supervision and sufficient and adequate tools and equipment for their work to be performed in a safe manner. Licensee agrees that in emergency situations in which it may be necessary to de-energize any part of Utility's equipment, Licensee shall ensure that work is suspended until the equipment has been de-energized and that no such work is conducted unless and until the equipment is made safe.

- 17.5 **Requests to De-energize.** If Utility de-energizes any equipment or line at Licensee's request and for its benefit and convenience in performing a particular segment of any work, Licensee shall reimburse Utility in accordance with Paragraph 3.9, for all costs and expenses that Utility incurs in complying with Licensee's request. Before Utility de-energizes any equipment or line, it shall provide, upon request, an estimate of all costs and expenses to be incurred in accommodating Licensee's request.
- 17.6 **Interruption of Service.** If Licensee causes an interruption of service by damaging or interfering with any equipment of Utility, Licensee shall, at its own expense, immediately do all things reasonable to avoid injury or damages, direct and incidental, resulting therefrom and shall notify Utility immediately.
- 17.7 **Duty to Inform.** Licensee further warrants that it understands the imminent dangers (INCLUDING SERIOUS BODILY INJURY OR DEATH FROM ELECTROCUTION) inherent in the work necessary to make installations on Utility's Poles by Licensee's employees, agents, contractors, or subcontractors, and Licensee accepts the duty and sole responsibility to notify and inform Licensee's employees, agents, contractors, or subcontractors of such dangers, and to keep them informed regarding same.

Article 18—Insurance

- 18.1 **Policies Required.** At all times during the term of this Agreement, Licensee shall keep in force and effect all insurance policies as described below. These insurance requirements shall extend to all agents, contractors, subcontractors or others working on behalf of the Licensee in performing any and all work contemplated under this Agreement:
- 18.1.1 **Workers' Compensation and Employers' Liability Insurance.** Statutory workers' compensation benefits and employers' liability insurance with a limit of liability no less than that required by Oklahoma law at the time of the application of this provision for each accident. This policy shall be endorsed to include a waiver of subrogation in favor of Utility. Licensee shall require subcontractors and others not protected under its insurance to obtain and maintain such insurance.
- 18.1.2 **Commercial General Liability Insurance.** Policy will be written to provide coverage for, but not limited to, the following: premises and operations, products and completed operations, personal injury, blanket contractual coverage, broad form property damage, and independent contractor's coverage.

- 18.1.3 **Automobile Liability Insurance.** Business automobile policy covering all owned, hired and non-owned private passenger autos and commercial vehicles.
- 18.1.4 **Umbrella Liability Insurance.** Coverage is to be in excess of the sum employers' liability, commercial general liability, and automobile liability insurance required above.
- 18.1.5 **Property Insurance.** Each party will be responsible for maintaining property insurance on its own facilities, buildings, and other improvements, including all equipment, fixtures, and utility structures, fencing, or support systems that may be placed on, within, or around Utility Facilities to fully protect against hazards of fire, vandalism and malicious mischief, and such other perils as are covered by policies of insurance commonly referred to and known as "extended coverage" insurance or self-insure such exposures.
- 18.2 **Qualification; Priority; Contractors' Coverage.** The insurer must be authorized to do business under the laws of the State of Oklahoma and have an "A" or better rating in Best's Guide. Such insurance will be primary. All contractors and all of their subcontractors who perform work on behalf of Licensee shall carry, in full force and effect, workers' compensation and employers' liability, comprehensive general liability, and automobile liability insurance coverages of the type that Licensee is required to obtain under this Article 18 with the same limits.
- 18.3 **Certificate of Insurance; Other Requirements.** Prior to the execution of this Agreement and prior to each insurance policy expiration date during the term of this Agreement, Licensee will furnish Utility with a certificate of insurance ("Certificate") and, upon request, certified copies of the required insurance policies. The Certificate shall reference this Agreement and workers' compensation and property insurance waivers of subrogation required by this Agreement. Utility shall be given thirty (30) calendar days advance notice of cancellation or nonrenewal of insurance during the term of this Agreement. Utility, its council members, board members, commissioners, agencies, officers, officials, employees and representatives (collectively, "Additional Insureds") shall be named as Additional Insureds under all of the policies, except workers' compensation, which shall be so stated on the Certificate of Insurance. All policies, other than workers' compensation, shall be written on an occurrence and not on a claims-made basis. All policies may be written with deductibles, not to exceed \$100,000, or such greater amount as expressly allowed in writing by Utility. Licensee shall defend, indemnify and hold harmless Utility and Additional Insureds from and against payment of any deductible and payment of any premium on any policy required under this Article. Licensee shall obtain

Certificates from its agents, contractors, and their subcontractors and provide a copy of such Certificates to Utility upon request.

- 18.4 **Limits.** The minimum limits of liability for policies required by this Article shall be provided to Licensee by Utility. The limits of liability may be increased or decreased as required by Utility in the event of any factors or occurrences, including substantial increases in the level of jury verdicts or judgments or the passage of state, federal, or other governmental compensation plans, or laws that would materially increase or decrease Licensee's exposure to risk.
- 18.5 **Prohibited Exclusions.** No policies of insurance required to be obtained by Licensee or its contractors or subcontractors shall contain provisions that: (1) exclude coverage of liability assumed by this Agreement with Utility except as to infringement of patents or copyrights or for libel and slander in program material, (2) exclude coverage of liability arising from excavating, collapse, or underground work, (3) exclude coverage for injuries to Utility's employees or agents, or (4) exclude coverage of liability for injuries or damages caused by Licensee's contractors or the contractors' employees, or agents. This list of prohibited provisions shall not be interpreted as exclusive.
- 18.6 **Deductible/Self-insurance Retention Amounts.** Licensee shall be fully responsible for any deductible or self-insured retention amounts contained in its insurance program or for any deficiencies in the amounts of insurance maintained.

Article 19—Authorization Not Exclusive

Utility shall have the right to grant, renew, and extend rights and privileges to others not party to this Agreement by contract or otherwise, to use Utility Facilities covered by this Agreement. Such rights shall not interfere with the rights granted to Licensee by the specific Permits issued pursuant to this Agreement.

Article 20—Assignment

- 20.1 **Limitations on Assignment.** Licensee shall not assign its rights or obligations under this Agreement, nor any part of such rights or obligations, without the prior written consent of Utility, which consent shall not be unreasonably withheld.
- 20.2 **Obligations of Assignee/Transferee and Licensee.** No assignment or transfer under this Article 20 shall be allowed until the assignee or transferee becomes a signatory to this Agreement and assumes all obligations of Licensee arising under this Agreement. Licensee shall furnish Utility with prior written notice of the transfer or assignment, together with the name and address of the transferee or assignee. Notwithstanding any assignment or transfer, Licensee shall remain fully liable under this Agreement and shall not be released from performing any of the

terms, covenants, or conditions of this Agreement without the express written consent to the release of Licensee by Utility.

- 20.3 Sub-licensing.** Without Utility's prior written consent, Licensee shall not sub-license or lease to any third party, including but not limited to, allowing third parties to place Attachments on Utility's Facilities, including Overlashing, or to place Attachments for the benefit of such third parties on Utility's Poles. Any such action shall constitute a material breach of this Agreement. The use of Licensee's Communications Facilities by third parties (including but not limited to leases of dark fiber) that involves no additional Attachment or Overlashing is not subject to this Paragraph 20.3.

Article 21—Failure to Enforce

Failure of Utility or Licensee to take action to enforce compliance with any of the terms or conditions of this Agreement or to give notice or declare this Agreement or any authorization granted hereunder terminated shall not constitute a waiver or relinquishment of any term or condition of this Agreement, but the same shall be and remain at all times in full force and effect until terminated, in accordance with this Agreement.

Article 22— Issue Resolution Process

- 22.1 Dispute Resolution.** Except for an action seeking a temporary restraining order or an injunction or to compel compliance with this dispute resolution procedure, the parties can invoke the dispute resolution procedures in this Article at any time to resolve a controversy, claim, or breach arising under this Agreement. Each party will bear its own costs for dispute resolution activity.
- 22.2 Initial Meeting.** At either party's written request, each party will designate knowledgeable, responsible, senior representatives to meet and negotiate in good faith to resolve a dispute. The representatives will have discretion to decide the format, frequency, duration, and conclusion of these discussions. The parties will conduct any meeting in-person or via conference call, as reasonably appropriate.
- 22.3 Executive Meeting.** If ninety (90) days after the first in-person meeting of the senior representatives, the parties have not resolved the dispute to their mutual satisfaction, each party will designate executive representatives at the director level or above to meet and negotiate in good faith to resolve the dispute. To facilitate the negotiations, the parties may agree in writing to use mediation.
- 22.4 Unresolved Dispute.** If after sixty (60) days from the first executive-level, in-person meeting, the parties have not resolved the dispute to their mutual satisfaction; either party may invoke any legal means available to resolve the dispute, including enforcement of the default and termination procedures set out in Article 24.

- 22.5 Confidential Settlement.** Unless the parties otherwise agree in writing, communication between the parties under this Article will be treated as confidential information developed for settlement purposes, exempt from discovery and inadmissible in litigation.
- 22.6 Business as Usual.** During any dispute resolution procedure or lawsuit, the Utilities will continue providing services to each other and performing their obligations under this Agreement.

Article 23—Termination of Agreement

- 23** Utility shall have the right, pursuant to the procedures set out in this Article 23, to terminate this entire Agreement, or any Permit issued under it, whenever Licensee is in default of any material term or condition of this Agreement, including, but not limited to, the following circumstances:
- 23.1.1** Construction, operation, or maintenance of Licensee’s Communications Facilities in violation of law, or in aid of any unlawful act or undertaking; or
 - 23.1.2** Construction, operation, or maintenance of Licensee’s Communications Facilities after any authorization required of Licensee has lawfully been denied or revoked by any governmental authority or any private holder of easements or other rights, or violation of any other agreement with Utility; or
 - 23.1.3** Construction, operation, or maintenance of Licensee’s Communications Facilities without the insurance coverage required under Article 18.
- 23.2** Utility will notify Licensee in writing of any defaults by Licensee under this Agreement. Licensee shall take immediate corrective action to eliminate any such defaults within fifteen (15) calendar days, or such longer period as the parties may agree, and shall confirm in writing to Utility that the cited condition or conditions have ceased or been corrected, or are in the process of being corrected.
- 23.3** If Licensee contests the existence of the default, it may invoke the dispute resolution procedures of Article 22.
- 23.4** If the parties are unable to resolve the dispute and Licensee fails to discontinue or correct a default in a timely manner or fails to give the required confirmation, Utility may immediately terminate this Agreement or any Permit(s) granted under it. In the event of termination of this Agreement or any of Licensee’s rights, privileges, or authorizations, Utility may seek removal of Licensee’s Communications Facilities pursuant to the terms of Article 11, from any or all of

Utility's Poles. In such instance, Licensee shall remain liable to Utility for all fees and charges accrued pursuant to the terms of this Agreement.

Article 24—Term of Agreement

- 24.1 This Agreement shall become effective upon its execution and, if not terminated in accordance with other provisions of this Agreement, shall continue in effect for a term of five (5) years and, unless terminated by either party, agreement may be renewed for one (1) additional five (5) year term by mutual assent of the parties. Either party may terminate this Agreement at the end of the initial term by giving written notice of intent to terminate the Agreement at the end of the term. Such a notice must be given least ninety (90) calendar days prior to the end of the then-current term.
- 24.2 Even after the termination of this Agreement, Licensee's indemnity obligations shall continue with respect to any claims or demands related to Licensee's Communications Facilities, as provided for in Article 16.

Article 25—Amending Agreement

This Agreement shall not be amended, changed, or altered except in writing and with approval by authorized representatives of both parties.

Article 26—Notices

- 26.1 Wherever in this Agreement notice is required to be given by either party to the other, such notice shall be in writing and shall be effective when personally delivered to, or when mailed by certified mail with return receipt requested, with postage prepaid, and except where specifically provided for elsewhere, properly addressed as follows:

If to Utility, at: ATTN: City Clerk

723 S Lewis St., Stillwater, OK 74074

If to Licensee, at: _____

or to such other address as either party, from time to time, may give the other party in writing.

- 26.2 The above notwithstanding the parties may agree to utilize electronic communications such as email for notifications related to the Permits application and approval process and necessary transfer or pole modifications.
- 26.3 Licensee shall maintain a staffed 24-hour emergency telephone number, not available to the general public, where Utility can contact Licensee to report damage to Licensee's facilities or other situations requiring immediate communications

between the parties. Such contact person shall be qualified and able to respond to Utility's concerns and requests.

Article 27—Entire Agreement

This Agreement and its appendices constitute the entire agreement between the parties concerning attachments of Licensee's Communications Facilities on Utility's Poles within the geographical service area covered by this Agreement. Unless otherwise expressly stated in this Agreement, all previous agreements, whether written or oral, between Utility and Licensee are superseded and of no further effect.

Article 28 -- Severability

If any provision or portion thereof of this Agreement is or becomes invalid under any applicable statute or rule of law, and such invalidity does not materially alter the essence of this Agreement to either party, such provision shall not render unenforceable this entire Agreement. Rather, the parties intend that the remaining provisions shall be administered as if the Agreement did not include the invalid provision.

Article 29 —Governing Law

All matters relating to this Agreement shall be governed by the laws (without reference to choice of law) of the State of Oklahoma.

Article 30—Incorporation of Recitals and Appendices

The recitals stated above and all appendices to this Agreement are incorporated into and constitute part of this Agreement.

Article 31—Performance Bond

On execution of this Agreement, Licensee shall provide to Utility a performance bond or letter of credit in an amount of (\$1000 per Small Wireless Facility). The bond shall be with an entity and in a form acceptable to Utility. The purpose of the bond is to ensure Licensee's performance of all of its obligations under this Agreement and for the payment by Licensee of any claims, liens, taxes, liquidated damages, penalties, and fees due to Utility that arise by reason of the construction, operation, maintenance, or removal of Licensee's Communications Facilities on or about Utility's Poles.

Article 32—*Force Majeure*

32.1 If either Utility or Licensee is prevented or delayed from fulfilling any term or provision of this Agreement by reason of fire, flood, earthquake, or like acts of nature, wars, revolution, civil commotion, explosion, acts of terrorism, embargo, acts of the government in its sovereign capacity, material changes of laws or regulations, labor difficulties, including without limitation, strikes, slowdowns, picketing or boycotts, unavailability of equipment of vendor, or any other such cause not attributable to the negligence or fault of the party delayed in performing the acts required by the Agreement, then performance of such acts shall be excused for the period of the unavoidable delay, and the affected party

shall endeavor to remove or overcome such inability as soon as reasonably possible.

- 32.2 Utility shall not impose any charges on Licensee stemming solely from Licensee's inability to perform required acts during a period of unavoidable delay as described in Paragraph 32.1, provided that Licensee present Utility with a written description of such force majeure within a reasonable time after occurrence of the event or cause relied on, and further provided that this provision shall not operate to excuse Licensee from the timely payment of any fees or charges due Utility under this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate on the day and year first written above.

(UTILITY)

(LICENSEE)

BY: _____

BY: Miko Hany

Title: _____

Title: CBDO

UTILITY

STATE OF OKLAHOMA

: ss

County of Payne

I, the undersigned, a Notary Public in and for the State of Oklahoma, hereby certify that on the _____ day of _____, 2_____, personally appeared before me [NAME] _____, [TITLE] _____ to me known to be the individual described in and who executed the foregoing instrument and acknowledged that they signed and sealed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal the day and year above written.

Notary Public in and for the
State of Oklahoma, residing at
_____, Oklahoma

LICENSEE

STATE OF [INSERT STATE] Colorado

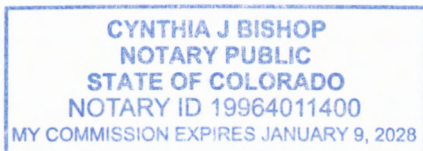
: SS

County of Denver

I, the undersigned, a Notary Public in and for the State of Colorado, hereby certify that on the 15 day of July, 2 024, personally appeared before me [NAME] Milce Harry, [TITLE] CBDO to me known to be the individual described in and who executed the foregoing instrument and acknowledged that they signed and sealed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal the day and year above written.

Cynthia Bishop



Notary Public in and for the
State of Colorado, residing at

Part Two – Appendices and Drawings

APPENDIX A— Fees and Charges

Pole Attachment Fees and Charges

Effective Date / /

1. Annual Pole Attachment Rate(s):

Occupancy Rate: \$20.00 per small wireless facility/per year

Collocation (Attachment) Rate: \$20.00 per pole/per year

2. Non-Recurring Fees:

One-time License Agreement Fee \$350.00

 Permit Application Fee \$200.00 per Permit Application
 (1-5 Attachments)

 Permit Application Fee \$100.00 per Permit Application
 (6 -25 Attachments)

Make Ready Work Charges See Article 3 of Agreement

 Miscellaneous Charges See Article 3 of Agreement [or
 Attach Fee Schedule for Work
 Performed for the Licensee]

Inspection Fees..... See Article 3 of Agreement

3. Unauthorized Attachment Penalty Fee:

 5 x annual collocation (attachment) rate, per occurrence.

4. Failure To Timely Transfer, Abandon, or Remove Facilities Penalty:

 1/5 annual attachment fee per day, per pole, first 30 days; after the initial
 30 days the penalty shall be equal to the annual collocation (attachment)
 rate per day, per pole.

NOTE: The Utility may increase the fees and rates it adopts under this appendix by ten percent (10%) every five (5) years rounded to the nearest dollar.

APPENDIX B—Pole Attachment

Permit Application Process

The following procedure is to be followed by each Licensee seeking to make new Attachments on Utility's Poles, or overlash to existing pole tenant facilities on Utility's Poles. Note that no entity may make any Attachments to Utility's Poles or overlash to existing pole tenant facilities on Utility's Poles without having first entered into a binding Pole Attachment Licensing Agreement with Utility. Third parties seeking to overlash to an existing pole tenant facility must also have a written overlash agreement with the pole tenant to be overlash. The overlash agreement must be provided to the Utility at the time of application.

1. Licensee shall submit a written request to perform a Pre-Construction Inspection. The request must include a preliminary route description. Licensee shall have a professional engineer or utility-approved employee or contractor, participate in a Pre-Construction Inspection, which will include a review of the proposed Attachment(s) to determine the feasibility of the request and identify any potential Make-Ready Work. Appendix F to this Agreement contains the minimum design review information that an applicant must provide and a worksheet for determining the minimum specifications that the proposed Attachment must meet.
2. Following the Pre-Construction Inspection, Licensee shall submit a completed Permit Application (Appendix C) that includes: route map, information required in Appendix F, installation plans, recommendations on Make-Ready Work, and a pole-loading analysis stamped by a professional engineer. Licensee shall prepare the Permit Application in adherence with the Applicable Standards (Section 1.2 of Agreement) and specifications (Appendix D).
3. At the Licensee's expense, the Utility will review the recommendations from the inspection and the pole-loading analysis, and discuss any issues with the Licensee.
4. Upon receipt of written authorization, Utility will proceed with Make-Ready Work according to the specific agreed-upon installation plans and the terms of the Agreement, including payment for the Make-Ready Work charges as set out by Utility and agreed to by the Licensee.
5. Upon completion of the Make-Ready Work, the Utility will *sign* and return the Application for Permit authorizing the Licensee to make its Attachment(s) in accordance with agreed-upon installation plans.

6. Unless waived in writing by the Utility, the Licensee's professional engineer, utility-approved employee, or contractor shall submit written certification that he/she has completed the Post-Construction Inspection and that the installation was done in accordance with the provisions of the Permit. The Post-Construction Inspection shall be submitted within ninety (90) calendar days after installation is complete. The Utility will verify the inspection by means that it deems to be reasonable.

APPENDIX C - Application for Permit

Application Date: 7 / 10 / 24

To: Stillwater Utilities Authority
Attn: Electric Engineering
411 E 3rd Ave
Stillwater, OK 74074

Desire to: Attach to Utility Pole(s)

Remove Attachment from Utility Pole(s)

Overlash to existing facility attached to Utility Pole(s)

Permit No. _____

Occupancy Permit No. _____

Number of Poles this permit 65 Sheet 1 of 1

Licensee Name: Bluepeak

Address:

Contact Person: Matt Lanza Phone 331 431 8226

Title: Sr. PM of Aerial D&E

Utility Contact Person: Vernon Hall Phone 405 742 8367

Title: Power Distrobution Engineering Specialist

Narrative Description of proposed activity: Aerial Strand attachment for Fiber Optics

Application for Permit

In accordance with the terms and conditions of the Pole Attachment Licensing Agreement dated _____, application is hereby made for a Permit to attach to and/or vacate Pole(s) in the locations detailed on the attached Route Map(s). Also, attached is documentation as required by Appendix F of the Agreement. If applicable, the engineer's name, this State's registration number, and phone number are:

Name: _____ Phone: _____

Registration #: _____

Permission is hereby granted to Licensee to attach and/or vacate poles listed on the attached Field Data Summary Sheets, subject to payment of the necessary Make-Ready Work charges as set out by Utility and agreed to by the Licensee.

SUBMITTED:

APPROVED:

Licensee Bluepeak Utility _____

By Matt Lanza By _____

Title Sr. PM of Aerial D&E Title _____

Date 3/25/24 Date _____

Inspection required

APPENDIX D - Specifications for Licensee's Attachments to Utility Poles

Licensee, when making Attachments to Utility Poles, will adhere to the following engineering and construction practices.

- A. All Attachments shall be made in accordance with the Applicable Standards, as defined in Paragraph 1.2 of this Agreement.

B. Clearances

1. **Attachment and Cable Clearances:** Licensee's Attachments on Utility Poles, including metal attachment clamps and bolts, metal cross-arm supports, bolts and other equipment, must be attached so as to maintain the minimum separations specified in the National Electrical Safety Code ("NESC") and in drawings and specifications Utility may from time to time furnish Licensee. (See Drawings A-01 to A-99.)

Note: Attachments shall only be placed within the communication space as defined in the NESC.

2. **Service Drop Clearance:** From the pole to the home building the parallel minimum separation between Utility's service drops and communications service drops shall be twelve (12) inches, per NESC 235C1b (exception 3). (see drawing A-5)
3. All other drop clearances at the midspan must conform to NESC table 235-6.

Sag and Mid-Span Clearances: Licensee will be particularly careful to leave proper sag in its lines and cables and shall observe the established sag of power line conductors and other cables so that minimum clearances are: (a) achieved at poles located on both ends of the span; and (b) retained throughout the span. At mid-span, a minimum of twelve (12) inches of separation must be maintained between all telecommunication cables that meet NESC rule 230E1 (includes common phone, CATV, and fiber optic cables lashed to an effectively grounded messenger strand, or self-supporting cables).

NESC table 235-6 requires:

- 12" from neutral (by exception #16)
- 30" from supply lines carrying 0 to 8.7 kV (secondary)
- 30" plus 0.4" per kV in excess of 8.7 (primary)

4. **Vertical Risers:** All Risers, including those providing 120/240 volt power for Licensee's equipment enclosure, shall be placed on the quarter faces of the Pole and must be installed in conduit with weatherhead (if possible), attached to the Pole with stand-off brackets. A two (2) inch clearance in any direction from cable, bolts, clamps, metal supports, and other equipment shall be maintained. (*See Drawings A-02 and A-04.*)
5. **Climbing Space:** A clear Climbing Space must be maintained at all times on the face of the Pole. All Attachments must be placed so as to allow and maintain a clear and proper Climbing Space on the face of the Utility Pole. Licensee's cable/wire Attachments shall be placed on the same side of the Pole as those of other Attaching Entities. In general, all other Attachments and Risers should be placed on Pole quarter faces. (*See Drawing A-09.*)
6. **Pedestals and Enclosures:** Every effort should be made to install Pedestals, vaults and/or Enclosures at a minimum of ten (10) feet from Poles or other Utility Facilities, or the distance specified by the utility, whichever is greater.

C. Down Guys and Anchors

1. Licensee shall be responsible for procuring and installing all anchors and guy wires to support the additional stress placed on the Utility's Poles by Licensee's Attachments. Anchors must be guyed adequately.
2. Anchors and guy wires must be installed on each Utility Pole where an angle or a dead-end occurs. Licensee shall make guy attachments to Poles at or below its cable Attachment. No proposed anchor can be within four (4) feet of an existing anchor without written consent of Utility.
3. Licensee may not attach guy wires to the anchors of Utility or third-party user without the anchor owner's specific prior written consent.
4. No Attachment may be installed on a Utility Pole until all required guys and anchors are installed. No Attachment may be modified, added to, or relocated in such a way as will materially increase the stress or loading on Utility Poles until all required guys and anchors are installed.
5. Licensee's down guys, if needed, shall be bonded, to the vertical ground wires of Utility's Pole, in accordance to NESC rule 92C. If there is no vertical ground present at the pole, the connections to the system neutral are to be made by the utility as an item of Make-Ready Work. Utility will determine if guys should be grounded or insulated.

D. Certification of Licensee's Design

1. Licensee's Attachment Permit application must be signed and sealed by a professional engineer, registered in the [State], certifying that Licensee's aerial cable design fully complies with the NESC and Utility's Construction Standards and any other applicable federal, state or local codes and/or requirements.
2. This certification shall include the confirmation that the design is in accordance with pole strength requirements of the NESC, taking into account the effects of Utility's Facilities and other Attaching Entities' facilities that exist on the Poles without regard to the condition of the existing facilities.

E. Miscellaneous Requirements

1. **Cable Bonding:** Licensee's messenger cable shall be bonded according to NESC rule 92C1 as a minimum, or at every pole with a vertical ground, as determined by the utility. If no ground exists on a pole to be bonded, Licensee shall install a Pole ground in accordance with the attached detail drawing. (See Drawings A-03 to A-04.)
2. **Customer Premises:** Licensee's service drop into customer premises shall be protected as required by the most current edition of the NEC.
3. **Communication Cables:** All Communications cables/wires not owned by Utility shall be attached within the Communications space that is located 40 inches below the lowest Utility conductors. (See Drawings A-01 through A-11.)
4. **Riser Installations:** All Licensee's Riser installations shall be in utility-approved conduit materials and placed on stand-off brackets. Ground wires may be attached directly to Pole. (See Drawings A-02 to A-04.)
5. **Tagging:** All Licensee's cables shall be identified with a band-type communications cable tag or other identification acceptable to Utility at each Attachment within twelve (12) inches of the Pole. The communications tag shall be consistent with communication industry standards and shall include at least the following: Licensee name, emergency contact number, and cable type. At the discretion of Utility, Tags shall be color-coded to permit identification of Attaching Entity by observation from the ground.

F. Utility Construction Drawings and Specifications

1. Refer to the attached Utility Construction Drawings, and obtain additional construction specifications from Utility in accordance with its requirements.

2. Apply the Utility's construction drawings and specifications in accordance with the NESC, NEC, and any other federal, state, or local code requirements.

APPENDIX E - Distribution Line Minimum Design Review Information and Suggested Worksheet

The following guidelines are provided, and corresponding information must be submitted with each Permit application for Pole Attachments on Utility's system. Utility may direct that certain Attachments do not require the submittal of Design Review Information. These Attachments are noted at the end of this section.

Each Permit application must include a report from a professional engineer registered to practice in the State of Oklahoma, and experienced in electric utility system design, or a utility-approved employee or contractor of Licensee. This report must clearly identify the proposed construction and must verify that the Attachments proposed will maintain Utility's compliance with NESC Class B construction for the loading district as outlined in the NESC Section 25.

Utility may or may not require that all of the following information be submitted at the time of the Permit application. The applicant shall have performed all required calculations and be ready to provide the detailed information below within fifteen (15) calendar days of notice. Applicant shall keep copies of the engineering data available for a period of twenty (20) years.

In determining compliance, the following minimum conditions shall be used in the calculations for pole strength:

1. All single-phase lines shall be assumed to have been reconductored to 477 ACSR 26/7, code name Hawk conductor for both phase and neutral. If a larger conductor size exists, the larger size shall be used in the calculations.
2. All three-phase lines shall be assumed to have been to 477 ACSR 26/7, code name Hawk conductor for three (3) phases and neutral. If existing conductors are larger than 4/0 AWG ACSR, the larger size shall be used in the calculations.
3. All pole lines shall assume a secondary service conductor, installed from pole to pole, of #4/0 AWG triplex cable, with an ACSR messenger.
4. For pole strength calculations, all poles shall be as they actually exist, or be considered Class 4 for calculations.
5. All line angles or dead ends shall be guyed and anchored. Transverse pole strength shall not be assigned to attaching pole users for line angles, *i.e.*, pole should be viewed as being void of other cables, conductors, wires, or guys and considering only the applicant's wires/cables for guying calculations.
6. Points of attachment shall be as they actually exist on the poles.

7. For a Utility-approved joint use of anchors, the Licensee shall utilize guy insulators in its guys.
8. Lessee shall comply with any NESC and/or Utility safety factors, whichever are more conservative, in their designs. The engineer for the Permit applicant shall provide for each application the following confirmations:

Required permits that have been obtained (insert n/a if not applicable):

- ☐ (y/n) U.S. Corp of Engineers.
- ☐ (y/n) Highway state, county, city.
- ☐ (y/n) Railroad.
- ☐ (y/n) Local zoning boards, town boards, etc.
- ☐ (y/n) Joint-use permits, if required.
- ☐ (y/n) Notified other pole users of contacts or crossings.

Confirm that you have:

- ☐ (y/n) Obtained appropriate franchise(s).
- ☐ (y/n) Obtained pole/anchor easements from landowners.
- ☐ (y/n) Obtained crossing and overhang permits.
- ☐ (y/n) Obtained permit to survey R/W.
- ☐ (y/n) Completed State of Oklahoma Department of Transportation requirements.
- ☐ (y/n) Placed permit number on plans.
- ☐ (y/n) Complied with Underground Facility Location requirements.
- ☐ (y/n) Included sag/tension data on proposed cable.

Calculations are based upon the latest edition of the NESC and the latest editions of the requirements of the State of Oklahoma.

It is Licensee's responsibility to obtain all necessary permits and provide the Utility with a copy of each.

The engineer for the Permit applicant shall provide for each Pole(s) the following information:

Project ID

Pole number _____ [if pole tag missing, contact Utility]

Pole class _____ [existing—*i.e.*, 4, 3, 2...]

Pole size _____ [existing—*i.e.*, 35, 40...]

Pole type _____ [Southern Yellow Pine, Douglas Fir...]

Pole fore span _____ [feet]

Pole fore span direction _____ [degrees from Magnetic North]

Pole back span _____ [feet]

Pole back span direction _____ [degrees from Magnetic North]

Calculated bending

moment at ground level _____ [ft-lbs]

Existing:

Power phase condition _____ quantity of _____ AWG/MCM
_____ CU/AA/ACSR @ _____ feet above ground line

Power neutral condition _____ quantity of _____ AWG/MCM
_____ CU/AA/ACSR @ _____ feet above ground line

Power sec condition _____ quantity of _____ AWG/MCM
_____ CU/AA/ACSR @ _____ feet above ground line

Power service #1 _____ qty of _____ size @ _____ ft above ground line
@ _____ ° _____ ' _____ "

Power service #2 _____ qty of _____ size @ _____ ft above ground line
@ _____ ° _____ ' _____ "

Power service #3 _____ qty of _____ size @ _____ ft above ground line
@ _____ ° _____ ' _____ "

Telco #1 cables _____ qty of _____ dia @ _____ ft above ground line

Telco service #1 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

Telco service #2 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

CATV #2 cables _____ qty of _____ dia @ _____ ft above ground line

CATV service #1 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

CATV service #2 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

User #3 cables _____ qty of _____ dia @ _____ ft above ground line

User #4 cables _____ qty of _____ dia @ _____ ft above ground line

User #5 cables _____ qty of _____ dia @ _____ ft above ground line

User #6 cables _____ qty of _____ dia @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Proposed:

Proposed cables _____ qty of _____ dia @ _____ ft above ground line

fore and back span direction _____ ° _____ ' _____ ", _____ ° _____ ' _____ "

Proposed cables _____ qty of _____ dia @ _____ ft above ground line

fore and back span direction _____ ° _____ ' _____ " , _____ ° _____ ' _____ "

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #2 type _____ qty of _____ size @ _____ ft above ground line

AGL = Above Ground Level

The minimum vertical clearance under all loading conditions measured from the proposed cable to ground level on each conductor span shall be stated above. Variations in topography resulting in ground elevation changes shall be considered when stating the minimum vertical clearance within a given span.

Calculated pole bending moment at ground level: _____ [ft-lbs]

Pole breaking bending moment at ground level: _____ [ft-lbs]

Calculated transverse safety factor: _____ [ratio should be greater than 1.00]

Proposed loading data [provide similar data for each cable proposed]:

A. Weight data (cable and messenger)—

1. Vertical weight, bare = _____ [# /ft]

B. Tension data (final tensions on messenger)—

1. NESC maximum load for area of construction: _____ [lbs]

2. 60° F, NO wind: _____ [lbs]

Permit applicant's engineer shall provide for each transverse guy, or dead end to which guys and/or anchors are attached, the following information:

Pole number

Calculated cable messenger tension under

NESC maximum loading conditions _____ [lbs]

If connection is:

A dead end, is it a single or double? _____ [S, D]

A change in tension, what is change? _____ [lbs]

A line angle, what is angle change? _____ [degrees]

What is tension change at angle? _____ [lbs]

For each dead end:

Point of attachment for guy hook _____ [feet AGL]

Anchor distance from pole _____ [feet]

Calculated guy tension _____ [lbs]

Rated guy working strength _____ [lbs]

For each change in tension:

Point of attachment for guy hook _____ [feet AGL]

Anchor distance from pole _____ [feet]

Calculated guy tension _____ [lbs]

Rated guy working strength _____ [lbs]

For each line angle:

Point of attachment for guy hook _____ [feet AGL]

Anchor distance from pole _____ [feet]

Calculated guy tension _____ [lbs]

Rated guy working strength _____ [lbs]

For each anchor:

Anchor distance to nearest anchor _____ [feet]

Calculated anchor tension _____ [lbs]

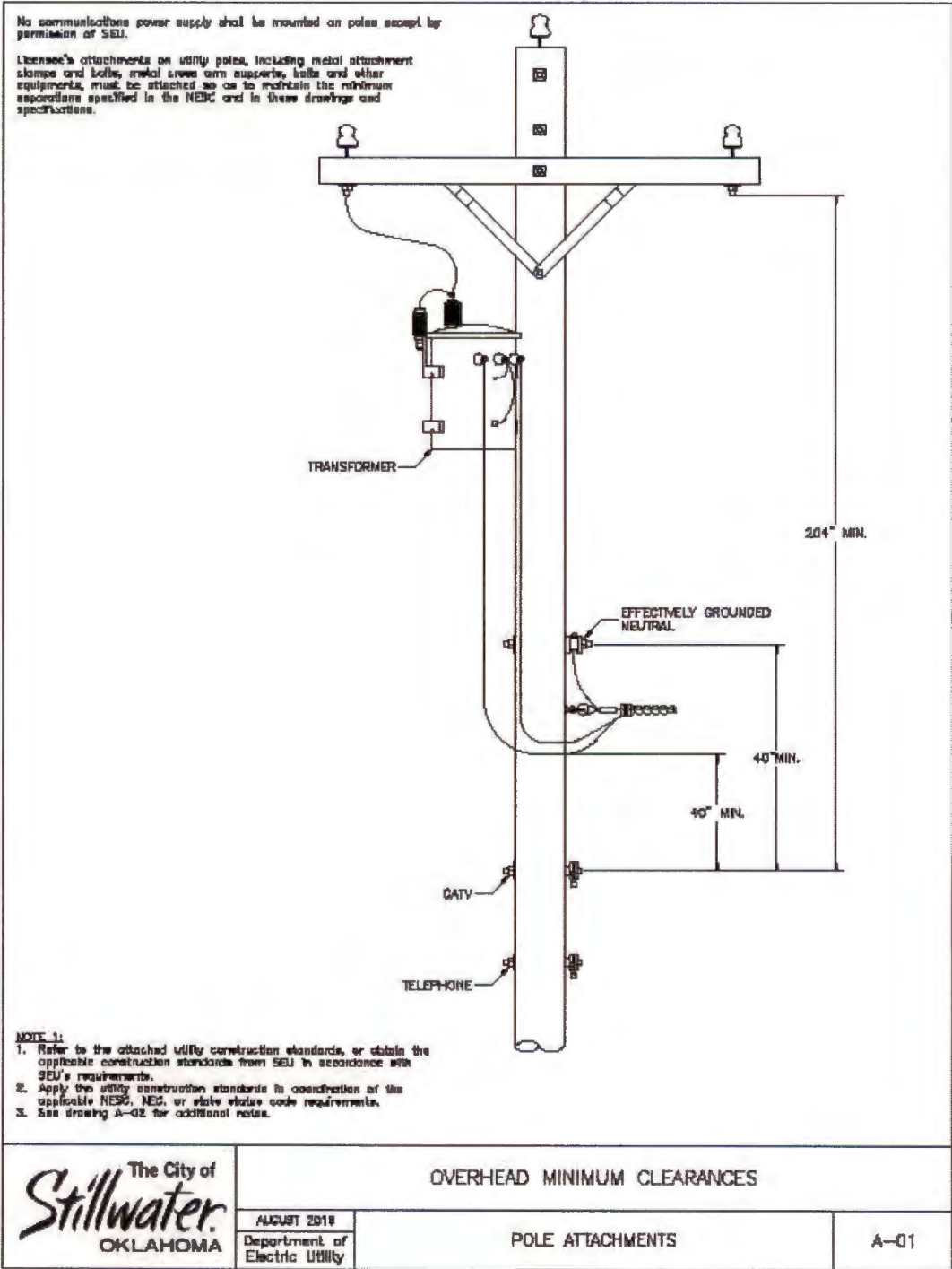
Rated anchor strength _____ [lbs]

Soil composition _____ [sandy, loam, clay, rock]

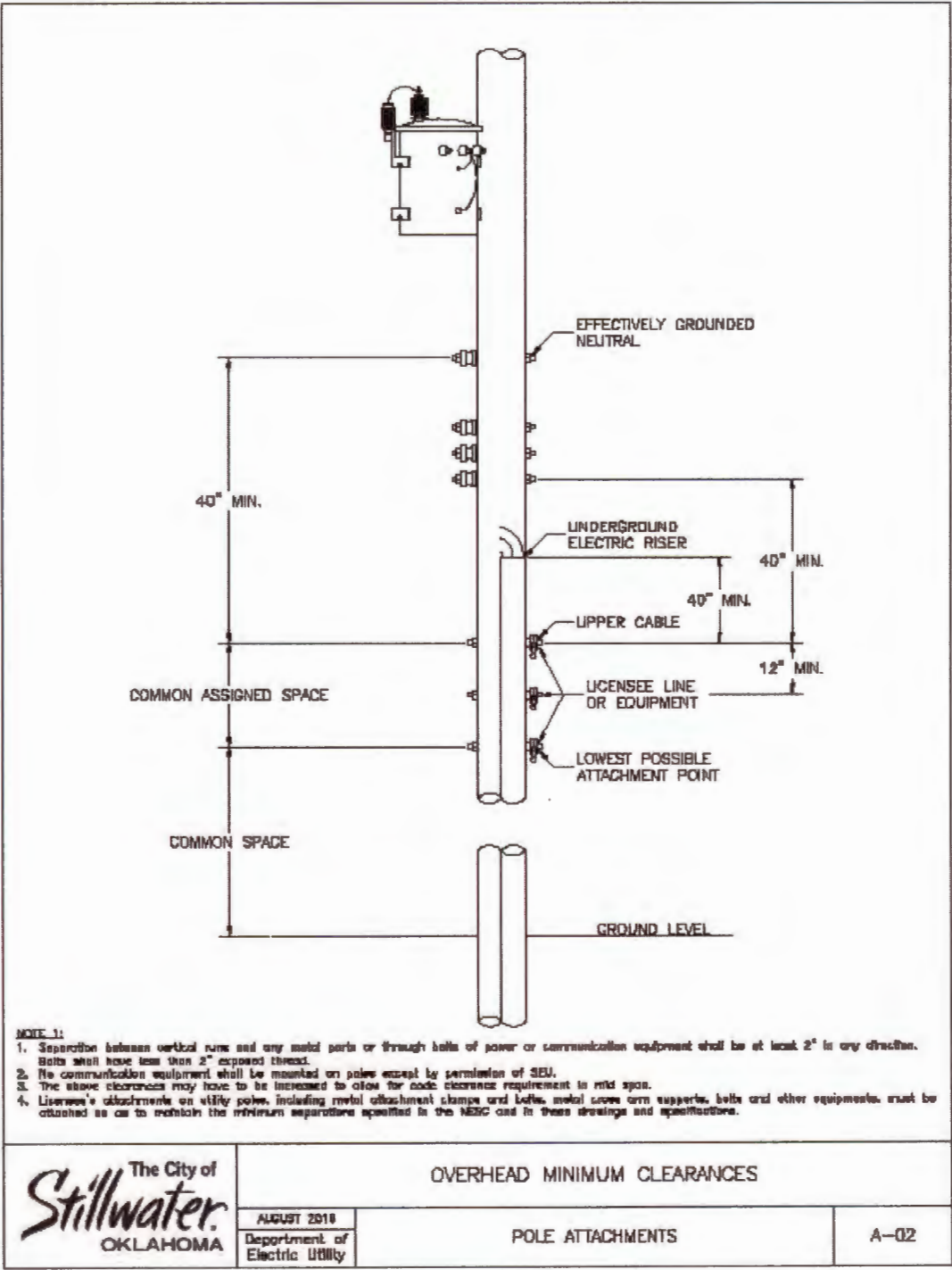
APPENDIX F - Field Data Summary Sheet Instructions

<u>Column</u>	<u>Instructions</u>
Utility Pole Number	If a Pole stencil is not in place, it may be left for Utility if the accompanying sketch is adequate to determine the Location.
Communication Company's	This must correspond with the plan sheet or
Plan Sheet Pole Number	Pole Sketch Pole identification number.
Pole Height and Class.....	List the present Pole height and class and list the proposed Pole height and class if it is necessary for Utility to replace the Pole for clearance, etc.
Guy Attachments.....	All unbalanced loading on Poles must be guyed. Attachments to Utility's anchors will not be allowed.
Attachment Height.....	Communications Company attachment height above ground level. List guy lead in feet.
Inches Below Utility	The number of inches Communications Company is to be attached below Utility while maintaining clearance as required in Item #4.
Span Length.....	List the back span length for each attachment.
Inches Sag.....	List the messenger sag for the design listed on the cover sheet at 60 degrees Fahrenheit.
Ground Clearance.....	List the ground clearance at the low point of the back span. Must not be less than the National Electrical Safety Code (latest edition).

Drawing A-01— Overhead Minimum Clearances



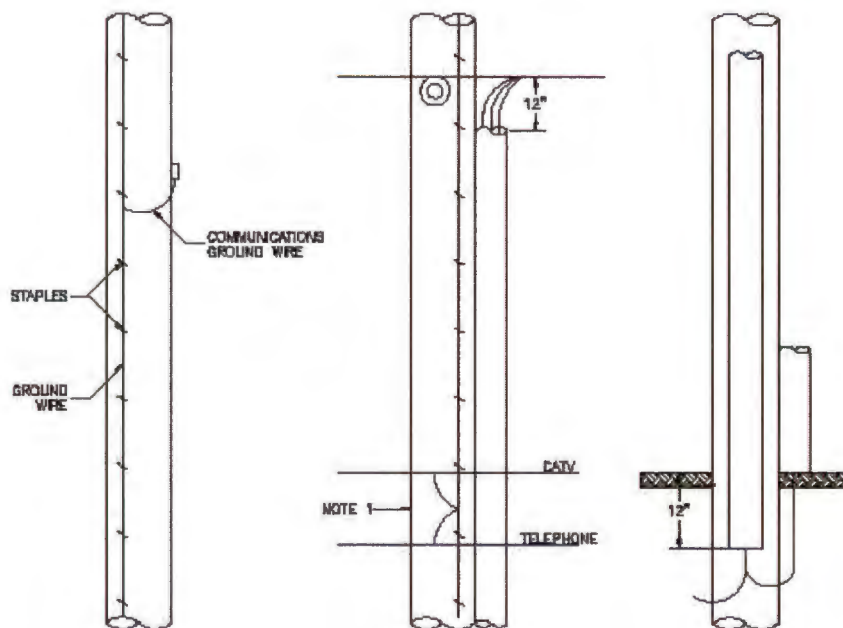
Drawing A-02 — Overhead Minimum Clearances



Drawing A-03 — Grounding Connections

No communications power supply shall be mounted on poles except by permission of SEU.

Licensee's attachments on utility poles, including metal attachment clamps and bolts, metal cross arm supports, bolts and other equipments, must be attached so as to maintain the minimum separations specified in the NESC and in these drawings and specifications.



NOTE 1:

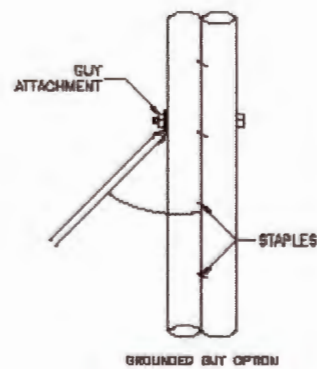
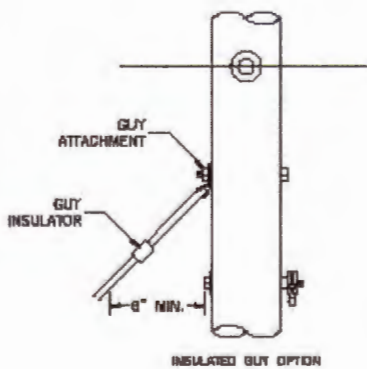
1. Licensee shall bond to utility pole ground whenever utility has a down ground on the pole. If the ground is under the metal U-guard, contact utility to make the ground connection.
2. If no pole ground exists install a pole down ground on the pole. Protect the pole ground with a ground wire wrapping. Top of ground rod shall be at least 12\" below grade.
3. Bond wire shall be #6 bare copper or larger. If bond wire is unsupported more than 12\" long, staple to pole.
4. When communications are underground, the power is overhead and it is required that the communications ground be interconnected to the power supply ground. The connection shall be made below grade.
5. In no case shall licensee ground be connected to guys/anchors.
6. If a neutral isolation device is installed on this pole the attachers must contact SEU for special grounding instructions.
7. Licensee's messenger cable shall be bonded to SEU's pole ground wire at each pole that has a ground wire.

	GROUNDING CONNECTIONS		
	AUGUST 2010 Department of Electric Utility	POLE ATTACHMENTS	A-03

Drawing A-04 — Guy Wire Requirements

No communications power supply shall be mounted on poles except by permission of SEU.

Licensee's attachments on utility poles, including metal attachment clamps and bolts, metal cross arm supports, bolts and other equipments, must be attached so as to maintain the minimum separations specified in the NEC and in these drawings and specifications.



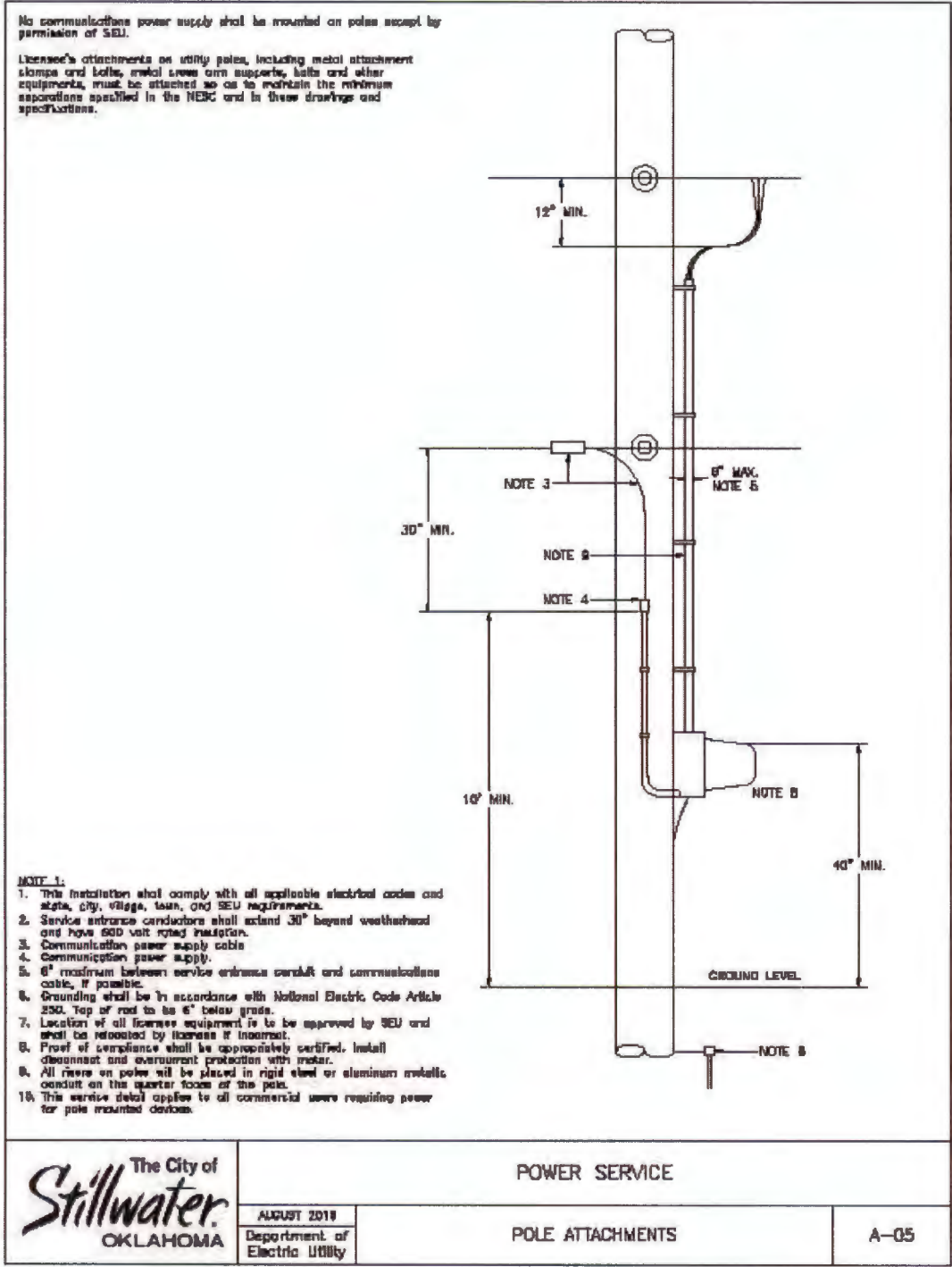
CONTACT SEU TO DETERMINE IF
GUY'S ARE TO BE INSULATED OR
GROUNDED.

NOTE 1:

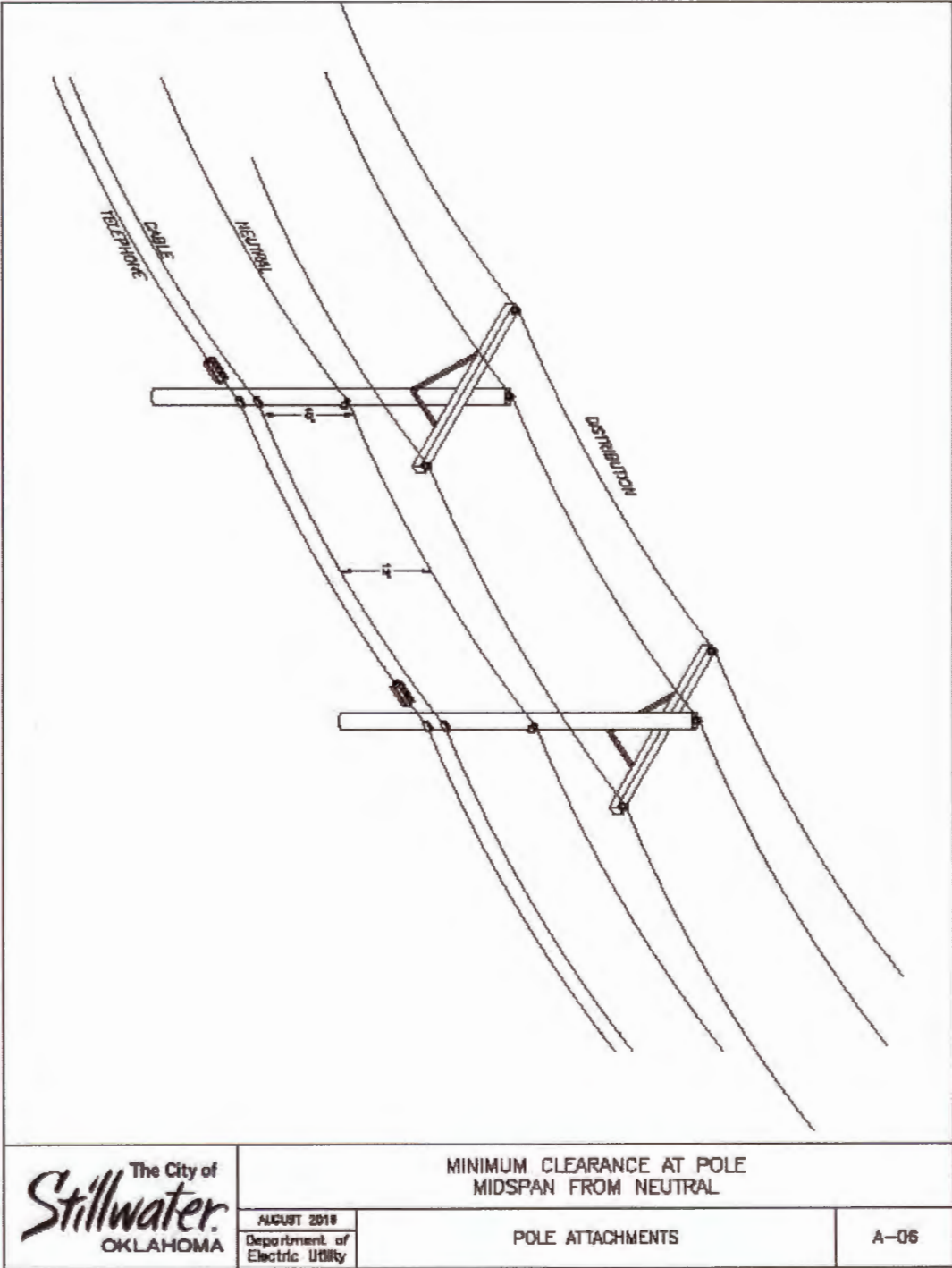
1. Licensee shall be responsible for procuring and installing all anchors and guy wires to support the additional wires placed on utility's poles Licensee's attachments.
2. Anchors and guy wires must be set on each utility pole where there is a turn or angle and on all dead-end utility poles.
3. Licensee may not place guy wires on the anchors of SEU or third party user without prior written consent of all attaching entities and anchor owners.
4. No attachment may be installed on a utility pole until all required guys and anchors are installed. Nor may any attachment be modified or relocated in such a way as will materially increase the stress or loading on utility poles until all required guys and anchors are installed.
5. Licensee's down guys shall not be banded to ground or neutral wires or SEU's pole and shall not provide a current path to ground from the pole ground or power system neutral. If permitted or required by SEU, grounded guys should be installed.
6. On jointly used structures, guys that pass within 12" of supply conductors, and also pass within 12" of communication cables, shall be protected with a suitable insulating covering where the guy passes the supply conductors, unless the guy is effectively grounded or insulated with a strain insulator at a point below the lowest supply conductor and above the highest communication cable.

	GUY WIRE REQUIREMENTS		
	AUGUST 2018	POLE ATTACHMENTS	A-04
	Department of Electric Utility		

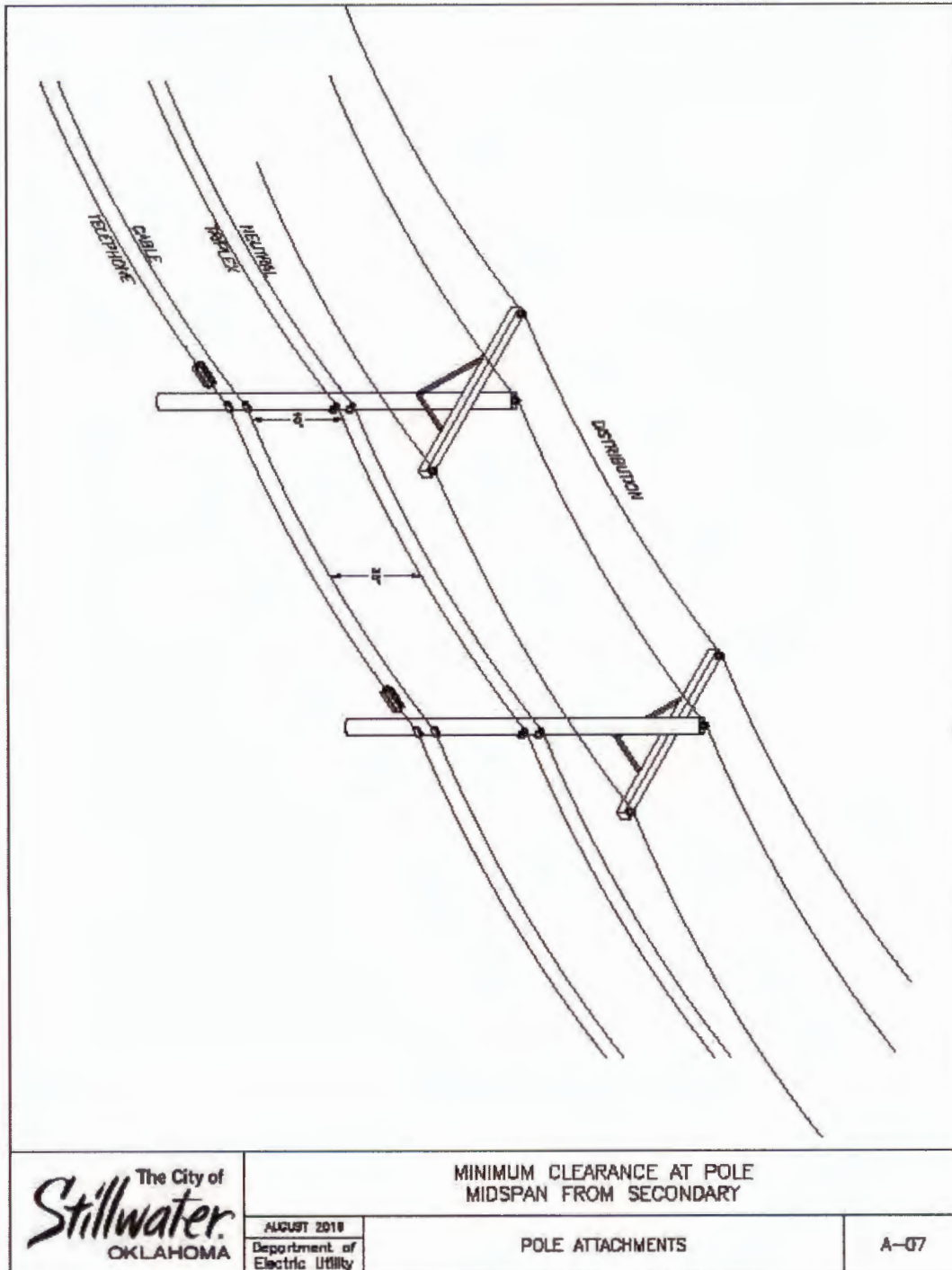
Drawing A-05 — Power Service



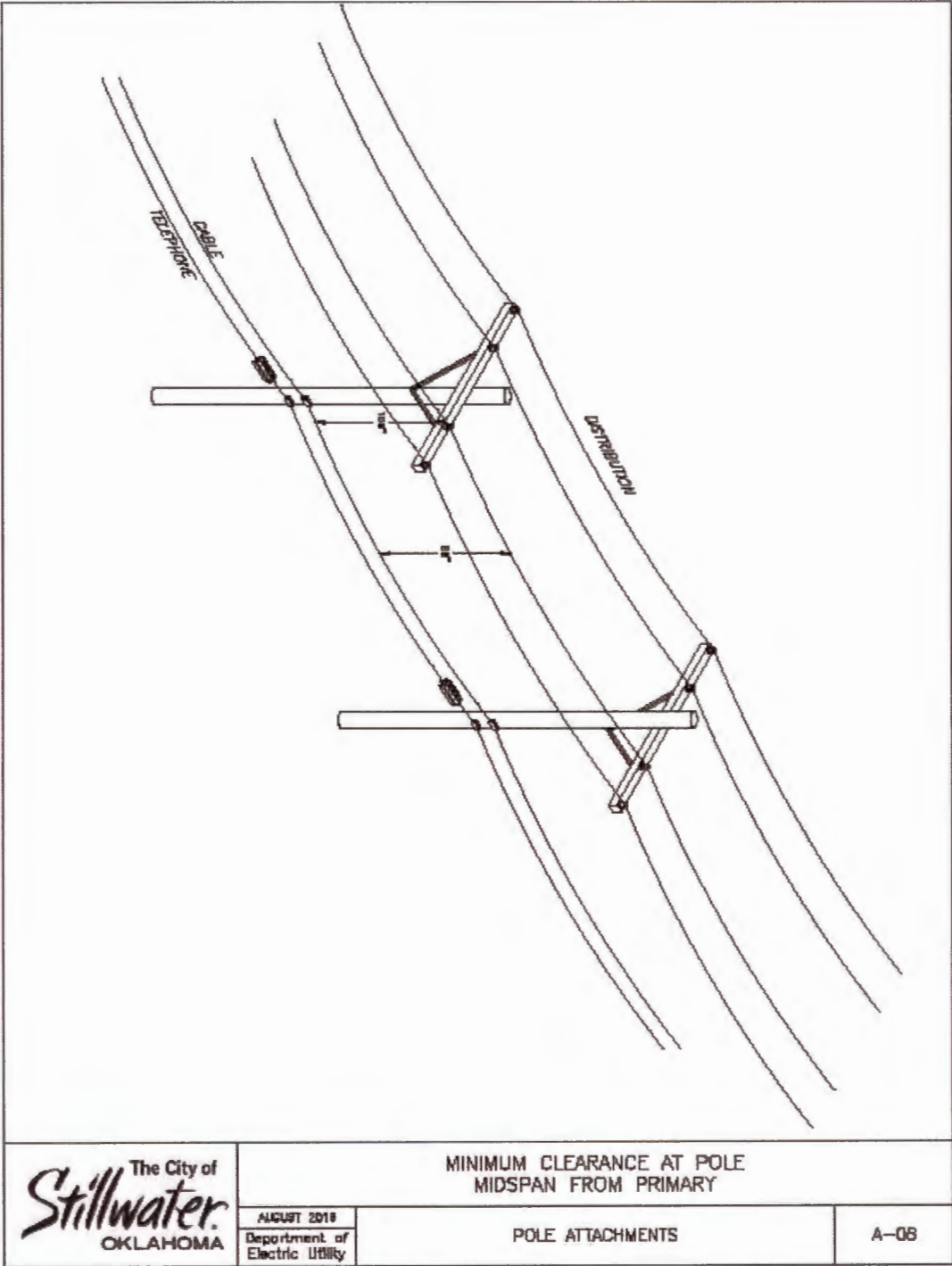
Drawing A-06 — Minimum Clearance at Pole/Midspan from Neutral



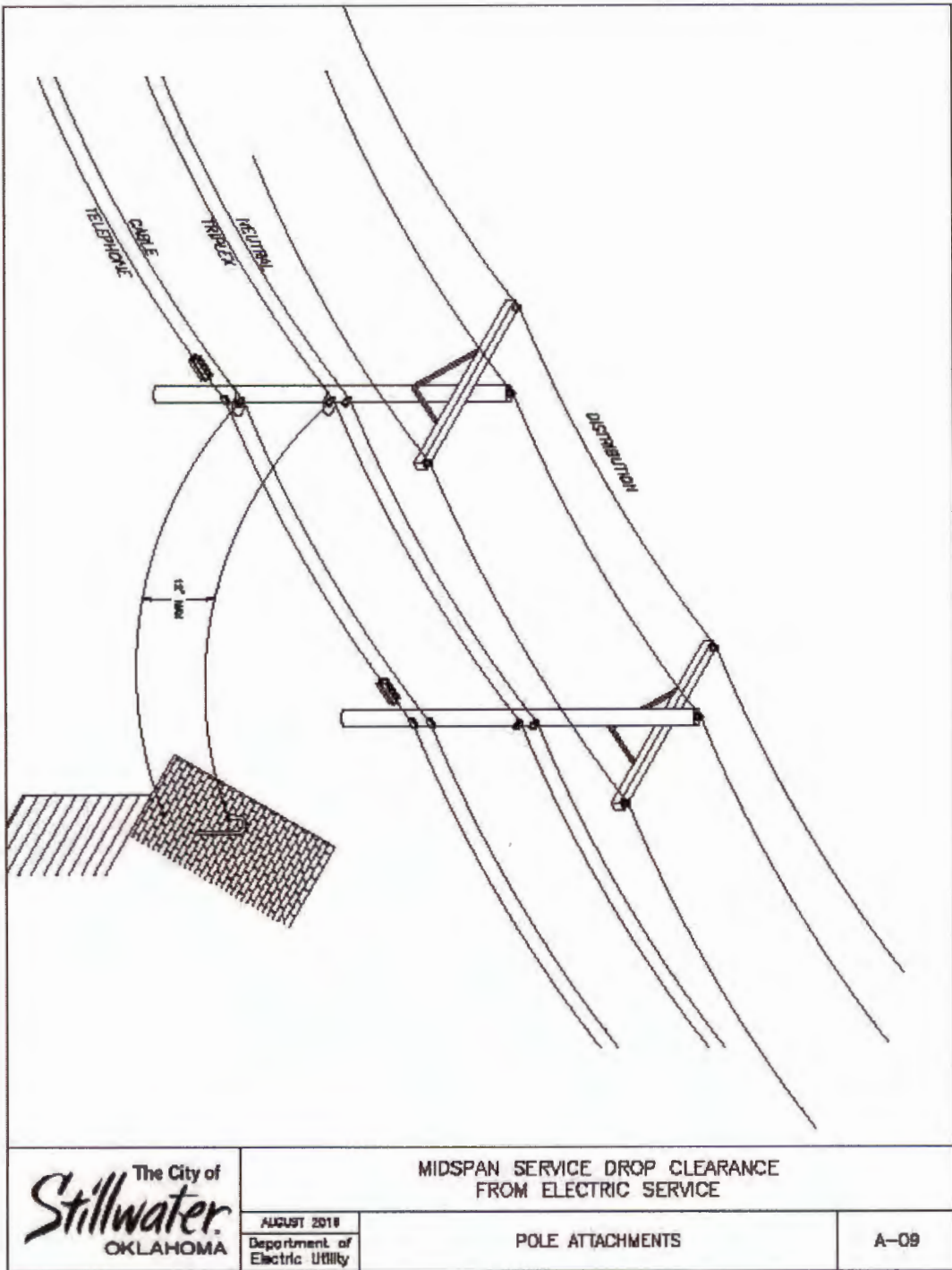
Drawing A-07 — Minimum Clearance at Pole/Midspan from Secondary



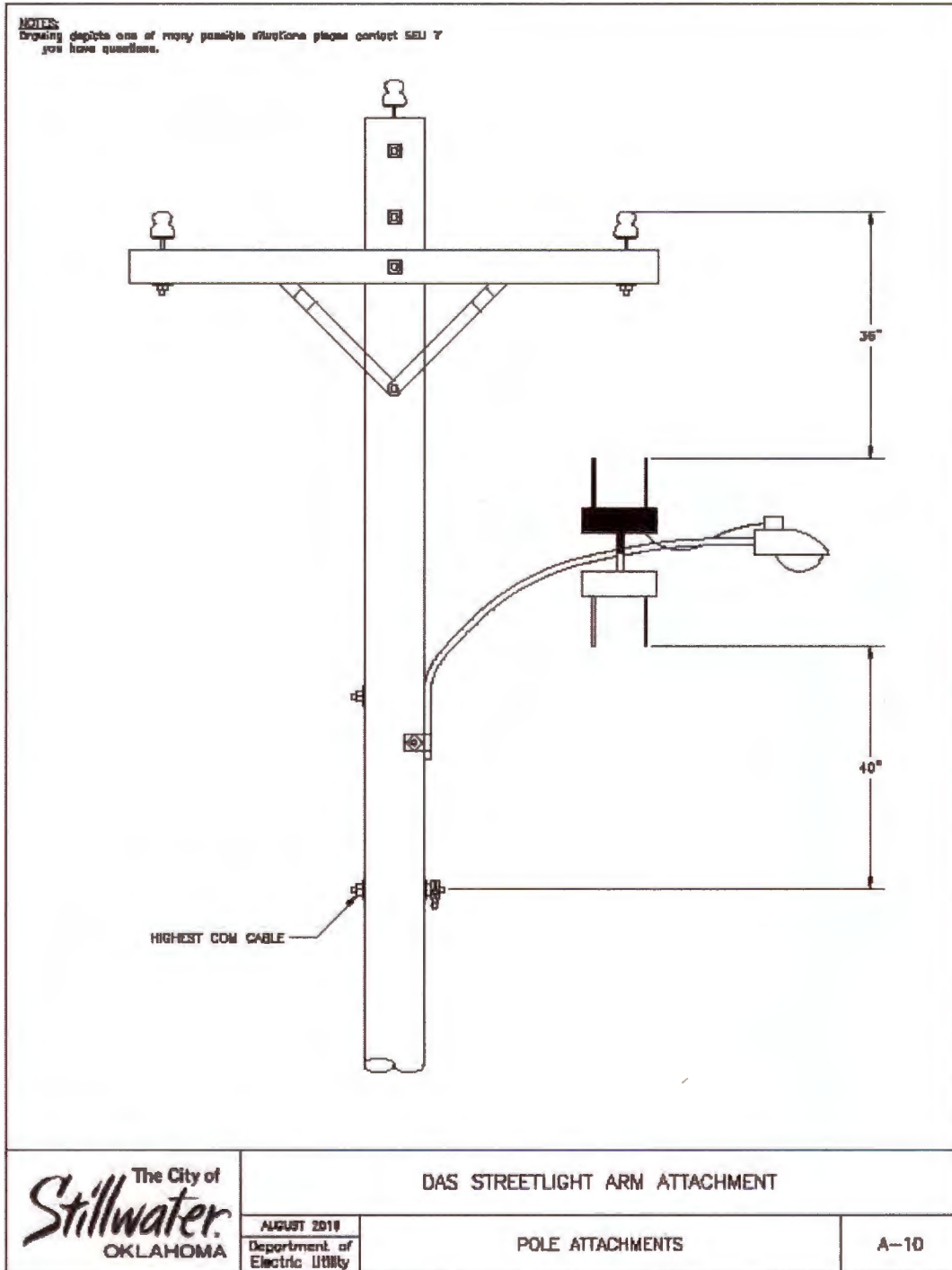
Drawing A-08 — Minimum Clearance at Pole/Midspan from Primary



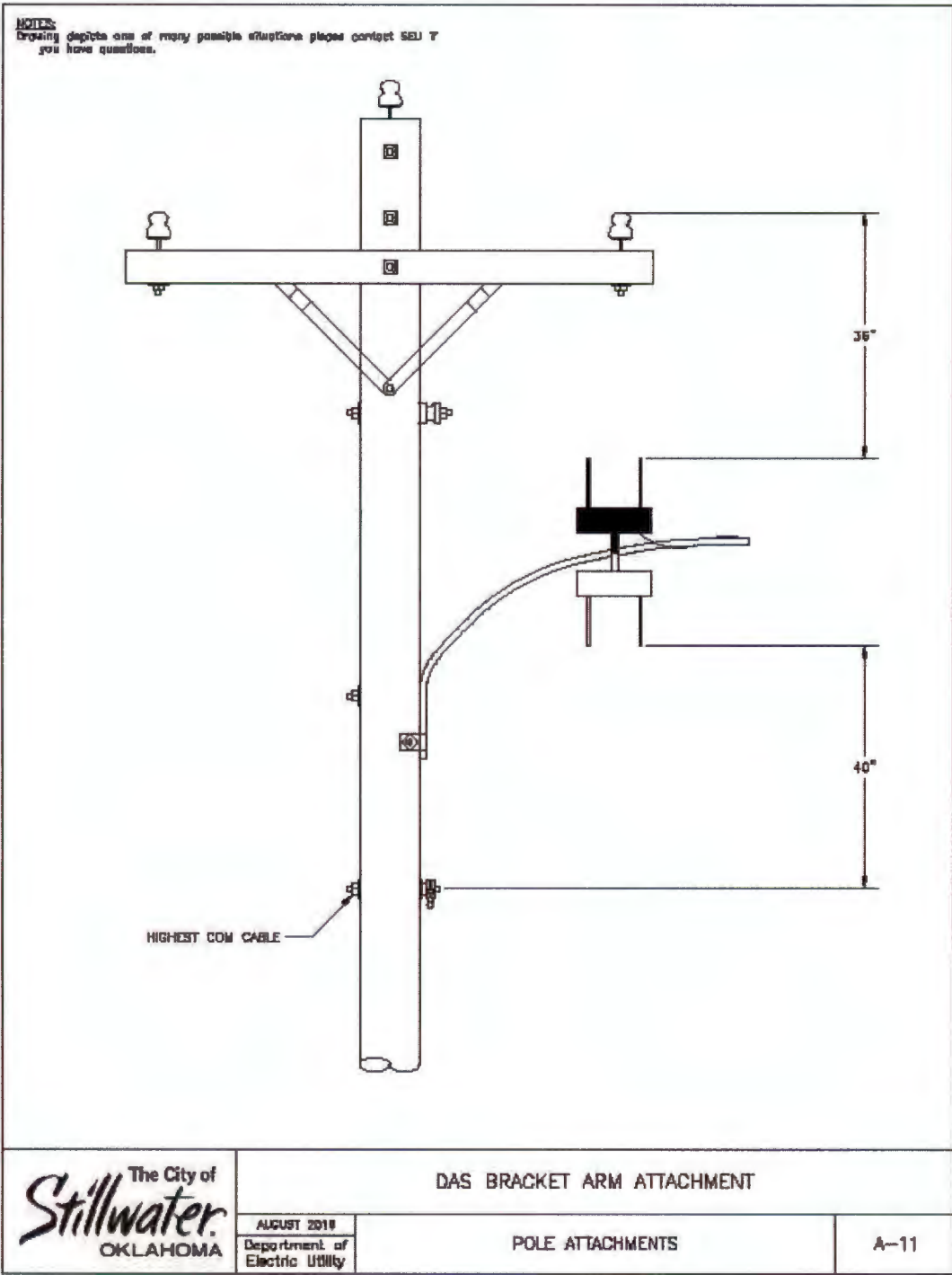
Drawing A-09 — Midspan Service Drop Clearance from Electric Service



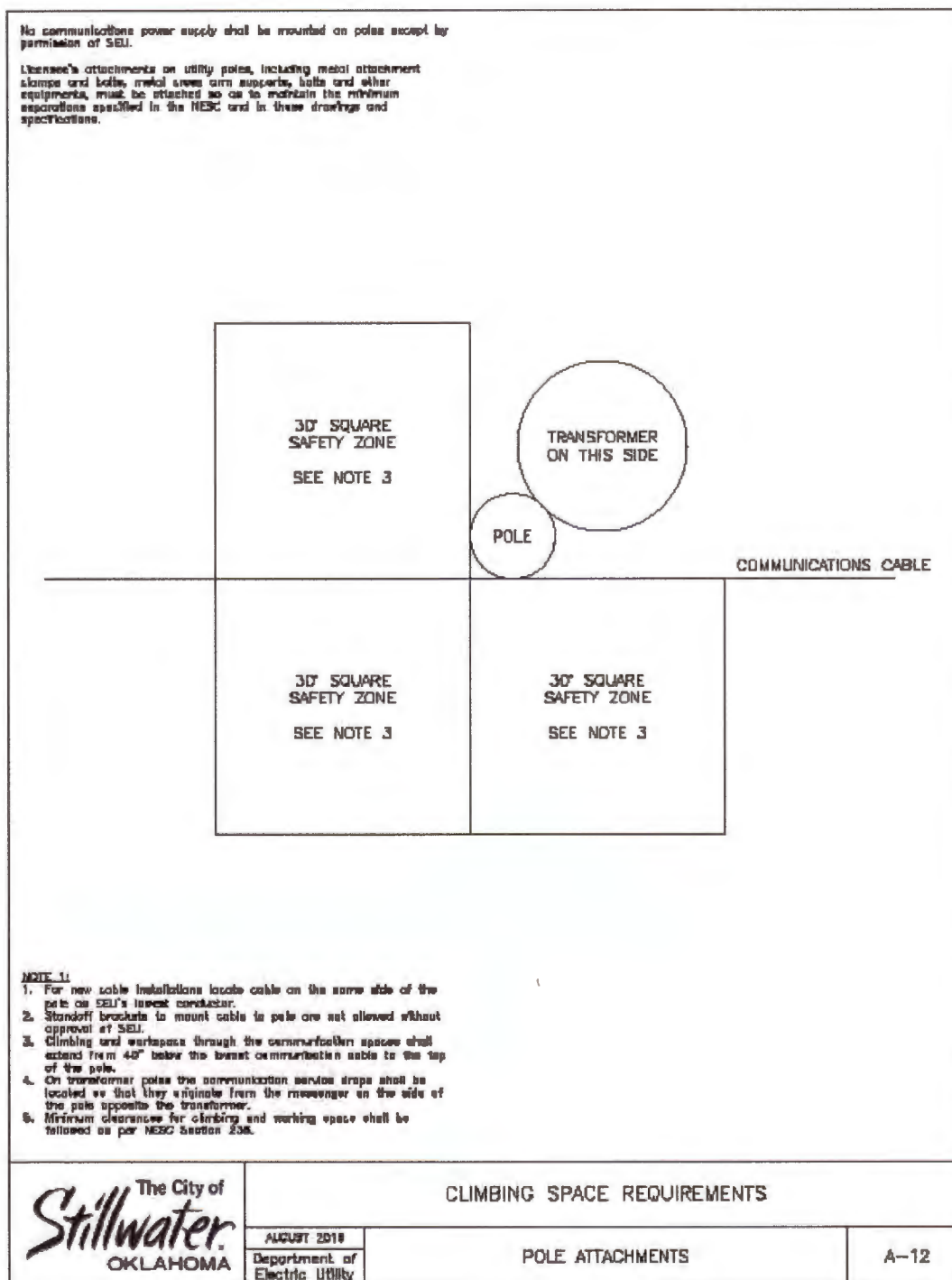
Drawing A-10 — DAS Streetlight Arm Attachment



Drawing A-11 — DAS Bracket Arm Attachment



Drawing A-12 — Climbing Space Requirements



POLE ATTACHMENT BOND

Bond No.: 800150435

KNOW ALL MEN BY THESE PRESENTS,

THAT Clarity Telecom, LLC dba Bluepeak, as Principal, and Atlantic Specialty Insurance Company, having its executive office in 605 Highway 169 North, Suite 800 Plymouth, MN 55441, as Surety, are held and firmly bound unto Stillwater Utilities Authority 411 E 3rd Avenue, Stillwater, OK 74074, hereinafter referred to as Obligee, in the penal sum of Twenty Five Thousand Two Hundred Twenty Dollars and 00/100 DOLLARS (\$25,220.00) for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, the liability of the Surety being limited to said penal sum regardless of the number of years this bond remains in force or is renewed, of the number of premiums that shall be payable or paid, the number of Subscribers to the system and/or legal fees which may be required and incurred.

WHEREAS, Principal has entered into a written agreement with the Obligee for the use of its poles in connection with the furnishing of telecommunications services, which agreement sets forth the terms and conditions which govern the use of such poles, which agreement is hereby specifically referred to and made part hereof, with like force and effect as if herein at length set forth.

NOW THEREFORE, the condition of this obligation is such, that if the above bound Principal shall perform in accordance with the aforesaid agreement, then this obligation shall be void, otherwise to remain in full force and effect unless cancelled or terminated as set forth below.

This bond may be terminated or cancelled by Surety by giving thirty (30) days prior notice in writing from Surety to Principal and said Obligee, such notice to be given by certified mail. Such termination or cancellation shall not affect any liability incurred or accrued under this Bond prior to the effective date of such termination or cancellation.

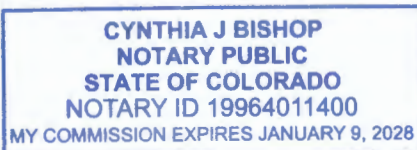
AND PROVIDED FURTHER that no action, suit or proceeding shall be had or maintained against the Surety on this instrument unless the same be brought or instituted and process served upon the Surety within twelve months after cancellation of this bond as set forth in the preceding paragraph.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this 11th day of July, 2024.

WITNESS:

Cynthia J Bishop
NAME

Location:
BP Stillwater_Z3_DA27_AER (65 Poles)
OCCROW24-0008_POLATT24-0006



Clarity Telecom, LLC dba Bluepeak
PRINCIPAL
BY: [Signature]
TITLE CBO

Atlantic Specialty Insurance Company
SURETY
BY: Michelle Deligne
Michelle Deligne, Attorney-in-Fact





Power of Attorney

Surety Bond No: 800150435

Principal: Clarity Telecom, LLC dba Bluepeak

Obligee: Stillwater Utilities Authority

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: Michelle Deligne, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: **sixty million dollars (\$60,000,000)** and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this fifth day of March, 2020.

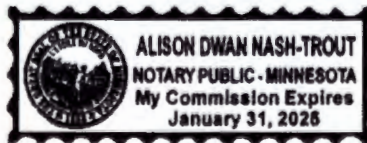


STATE OF MINNESOTA
HENNEPIN COUNTY

By

Paul J. Brehm, Senior Vice President

On this fifth day of March, 2020, before me personally came Paul J. Brehm, Senior Vice President of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, that he is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.



Notary Public

I, the undersigned, Assistant Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 11th day of July, 2024.



Christopher V. Jerry, Secretary

Stillwater Utilities Authority Pole Attachment Licensing Agreement

Original issue: 07/16/18

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Article 9 – Pole Modifications and/or Replacements

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DRAWING A-09 – Midspan Service Drop Clearance from Electric Service

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DRAWING A-11 – DAS Bracket Arm Attachment

DRAWING A-12 Climbing Space Requirements

Part One – Pole Attachment Licensing Agreement

This Pole Attachment Licensing Agreement (the “Agreement”) dated _____
July 10, 20 24 is made by and between the Stillwater Utilities Authority
 (“Utility”), located in the State of Oklahoma, and
Clarity LLC, d.b.a Bluepeak (“Licensee”).

Recitals

- A. Licensee proposes to install and maintain Communications Facilities and associated equipment. Licensee’s Attachments, on Utility’s Poles to provide Communications Services; and
- B. Utility is willing, when it may lawfully do so, to issue one or more Permits authorizing the placement or installation of Licensee’s Attachments on Utility’s Poles, provided that Utility may refuse, on a nondiscriminatory basis, to issue a Permit where there is insufficient Capacity or for reasons relating to safety, reliability, generally applicable engineering purposes, and/or any other Applicable Standard; and

[NOTE: The following Recitals may be used where Licensee and Utility have an existing pole attachment agreement.]

- C. On _____, _____, Utility and Licensee entered into a **[Insert name of agreement]** (e.g., the “___ Agreement”); [and]
- D. By registered letter dated _____, 20____, Utility gave notice to Licensee that Utility/ Licenser was terminating the _____ Agreement effective _____, 2____; [and]
- E. The parties intend that this Agreement replace the _____ Agreement on its termination; [and]
- F. Therefore, in consideration of the mutual covenants, terms and conditions set out below the parties agree as follows:

AGREEMENT

Article 1—Definitions

For the purposes of this Agreement, the following terms, phrases, words, and their derivations, shall have the meaning given below, unless more specifically defined within a specific Article or Paragraph of this Agreement. When not inconsistent with the context, words used in the present tense include the future and past tense, and words in the singular number include the plural number. The words “shall” and “will” are mandatory

and “may” is permissive. Words not defined shall be given their common and ordinary meaning.

- 1.1 **Affiliate**: when used in relation to Licensee, means another entity that owns or controls, is owned or controlled by, or is under common ownership or control with Licensee.
- 1.2 **Applicable Standards**: means all applicable engineering and safety standards governing the installation, maintenance, and operation of facilities and the performance of all work in or around electric Utility Facilities and includes the most current versions of National Electric Safety Code (“NESC”), the National Electrical Code (“NEC”), and the regulations of the Occupational Safety and Health Administration (“OSHA”), each of which is incorporated by reference in this Agreement, and the safety, engineering and construction requirements and standards of Utility.
- 1.3 **Attaching Entity**: means any public or private entity, including Licensee that, pursuant to a license agreement with Utility, places an Attachment on Utility’s Pole to provide Communications Service.
- 1.4 **Attachment(s)**: means Licensee’s Communications Facilities that are placed directly on Utility’s Poles within the Communication Space, or Overlashed onto an existing Attachment, but does not include either a Riser or a service drop attached to a single Pole where Licensee has an existing Attachment on such Pole.
- 1.5 **Capacity**: means the ability of a Pole to accommodate an additional Attachment based on Applicable Standards, including space and loading considerations.
- 1.6 **Climbing Space**: means that portion of a Pole’s surface and surrounding space that is free from encumbrances to enable Utility employees and contractors to safely climb, access, and work on Utility Facilities and equipment.
- 1.7 **Communications Facilities**: means wireline or wireless facilities, including but not limited to, fiber optic, copper, and/or coaxial cables, wireless antennas, receivers or transceivers utilized to provide Communications Service. This term excludes power supplies, demarcation boxes, power transfer switches, grounding equipment, metering facilities and other associated equipment.
- 1.8 **Communications Service**: means the transmission or receipt of voice, video, data, broadband Internet, or other forms of digital or analog signals over Communications Facilities.
- 1.9 **Communication Space**: means the communication space as defined in the latest version of the National Electrical Safety Code.

- 1.10 **Licensee:** means the party listed as Licensee in the first paragraph of this agreement.
- 1.11 **Make-Ready Work:** means all work that Utility reasonably determines to be required to accommodate Licensee's Communications Facilities and/or to comply with all Applicable Standards. Such work includes, but is not limited to, rearrangement and/or transfer of Utility Facilities or existing Attachments, inspections, engineering work, permitting work, tree trimming (other than tree trimming performed for normal maintenance purposes), pole replacement and construction but does not include Licensee's routine maintenance.
- 1.12 **Occupancy:** means the use or reservation of space for Attachments on a Utility Pole.
- 1.13 **Overlash:** means to place an additional wire or cable Communications Facility onto an existing attached Communications Facility.
- 1.14 **Pedestals/Vaults/Enclosures:** means above- or below-ground housings that are not attached to Utility Poles but are used to enclose a cable/wire splice, power supplies, amplifiers, passive devices, and/or to provide a service connection point
- 1.15 **Permit:** means written or electronic authorization (see Appendix C) by Utility for Licensee to make or maintain Attachments to specific Utility Poles pursuant to the requirements of this Agreement. Licensee's attachments made prior to the Effective Date and authorized by Utility ("Existing Attachments") shall be deemed Permitted Attachments hereunder.
- 1.16 **Pole:** means a pole owned or controlled by Utility excluding transmission poles that is capable of supporting Attachments for Communications Facilities.
- 1.17 **Post-Construction Inspection:** means the inspection by Utility or Licensee or some combination of both to verify that the Attachments have been made in accordance with Applicable Standards and the Permit.
- 1.18 **Pre-Construction Survey:** means all work or operations required by Applicable Standards and/or Utility to determine the Make-Ready Work necessary to accommodate Licensee's Communications Facilities on a Pole. Such work includes, but is not limited to, field inspection and administrative processing.
- 1.19 **Reserved Capacity:** means capacity or space on a Pole that Utility has identified and reserved for its own future utility requirements at the time of the Permit grant, including the installation of communications circuits for operation of Utility's electric system.

- 1.20 **Riser**: means metallic or plastic encasement materials placed vertically on the Pole to guide and protect wires and cables.
- 1.21 **Tag**: means to place distinct markers on wires and cables, coded by color or other means specified by Utility and/or applicable federal, State or local regulations, that will readily identify the type of Attachment (*e.g.*, cable TV, telephone, high-speed broadband data, public safety) and its owner.
- 1.22 **Utility Facilities**: means all personal property and real property owned or controlled by Utility, including Poles and related facilities.

Article 2—Scope of Agreement

- 2.1 **Grant of License**. Subject to the provisions of this Agreement, Utility grants Licensee a revocable, nonexclusive license authorizing Licensee to install and maintain Attachments to Utility's Poles.
- 2.2 **Parties Bound by Agreement**. Licensee and Utility agree to be bound by all provisions of this Agreement.
- 2.3 **Permit Issuance Conditions**. Utility will issue one or more Permit(s) to Licensee only when Utility determines, in its sole judgment, exercised reasonably, that (i) it has sufficient Capacity to accommodate the requested Attachment(s), (ii) Licensee meets all requirements set forth in this Agreement, and (iii) such Permit(s) comply with all Applicable Standards.
- 2.4 **Reserved Capacity**. Access to space on Utility Poles will be made available to Licensee with the understanding that certain Poles may be subject to Reserve Capacity for future electric service use. At the time of Permit issuance, Utility shall notify Licensee if capacity on particular poles is being reserved for reasonably foreseeable future electric use. For Attachments made with notice of such a Reservation of Capacity, on giving Licensee at least sixty (60) calendar days prior notice, Utility may reclaim such Reserved Capacity at any time following the installation of Licensee's Attachment if required for Utility's future utility service. If reclaimed for Utility's use, Utility may at such time also install associated facilities, including the attachment of communications lines for internal Utility operational or governmental communications requirements. Utility shall give Licensee the option to remove its Attachment(s) from the affected Pole(s) or to pay for the cost of any Make-Ready Work needed to expand Capacity for core utility service requirements, so that Licensee can maintain its Attachment on the affected Pole(s). The allocation of the cost of any such Make-Ready Work (including the transfer, rearrangement, or relocation of third-party Attachments) shall be determined in accordance with Article 9. Licensee shall not be required to bear any of the costs or rearranging or replacing its Attachment(s), if such

rearrangement or replacement is required as a result of an additional attachment or the modification of an existing attachment sought by any other entity.

- 2.5 **No Interest in Property.** No use, however lengthy, of any Utility Facilities, and no payment of any fees or charges required under this Agreement, shall create or vest in Licensee any easement or other ownership or property right of any nature in any portion of such Facilities. Neither this Agreement, nor any Permit granted under this Agreement, shall constitute an assignment of any of Utility's rights to Utility Facilities. Notwithstanding anything in this Agreement to the contrary, Licensee shall, at all times, be and remain a Licensee only.
- 2.6 **Licensee's Right to Attach.** Nothing in this Agreement, other than a Permit issued pursuant to Article 6, shall be construed as granting Licensee any right to attach Licensee's Communications Facilities to any specific Pole.
- 2.7 **Utility's Rights over Poles.** The parties agree that this Agreement does not in any way limit Utility's right to locate, operate, maintain, or remove its Poles in the manner that will best enable it to fulfill its service requirements or to comply with any federal, state, or local legal requirement.
- 2.8 **Expansion of Capacity.** Utility will take reasonable steps to expand Pole Capacity when necessary to accommodate Licensee's request for Attachment. Notwithstanding the foregoing sentence, nothing in this Agreement shall be construed to require Utility to install, retain, extend, or maintain any Pole for use when such Pole is not needed for Utility's own service requirements.
- 2.9 **Other Agreements.** Except as expressly provided in this Agreement, nothing in this Agreement shall limit, restrict, or prohibit Utility from fulfilling any agreement or arrangement regarding its Poles into which Utility has previously entered, or may enter in the future, with others not party to this Agreement.
- 2.10 **Permitted Uses.** This Agreement is limited to the uses specifically stated in the recitals set forth above and no other use shall be allowed without Utility's express written consent to such use. Nothing in this Agreement shall be construed to require Utility to allow Licensee to use Utility's Poles after the termination of this Agreement.
- 2.11 **Overlapping.** The following provisions apply to Overlapping:
- 2.11.1 Licensee shall obtain a Permit for each Overlapping, in accordance with the requirements of Article 6. Absent such authorization, Overlapping constitutes an unauthorized Attachment and is subject to removal or, at

Utility's discretion, imposition of an Unauthorized Attachment fee, as specified in Appendix A, Item 3.

- 2.11.2 Authorized Overlashing to accommodate Attachments of Licensee or its Affiliate(s) shall not increase the Annual Attachment Fee paid by Licensee pursuant to Appendix A, Item 1. Licensee or Licensee's Affiliate shall, however, be responsible for all Make-Ready Work and other charges associated with the Overlashing. Licensee shall not have to pay a separate Annual Attachment Fee for such Overlashed Attachment.
- 2.11.3 At Licensee's request, Utility may allow Overlashing to accommodate facilities of a third party, not affiliated with Licensee. In such circumstances, the third party must enter into a License Agreement with Utility, obtain Permit(s), and pay a separate Attachment Fee (Appendix A, Item 1) as well as the costs of all necessary Make-Ready Work required to accommodate the Overlashing. Utility shall not grant such Permit(s) to third parties allowing Overlashing of Licensee's Communications Facilities without Licensee's consent. Authorized Overlashing shall not increase the fees and charges paid by Licensee pursuant to Appendix A, Item 1. Nothing in this Agreement shall prevent Licensee from seeking a contribution from an Overlashing third party to defray fees and charges paid by Licensee.
- 2.11.4 Make-Ready Work procedures set forth in Article 7 shall apply, as necessary, to all Overlashing.
- 2.11.5 Overlashing shall only be permitted if the existing attachment is located in the communication space.

- 2.12 **Enclosures.** Licensee shall not place Pedestals, Vaults, and/or other Enclosures on or within ten (10) feet of any Pole or other Utility Facilities without Utility's prior written permission. If permission is granted, all such installations shall be per the Specifications and Drawings in Appendix D of this Agreement and charges as provided in Appendix A. Such permission shall not be unreasonably withheld. Further, Licensee agrees to move any such above-ground enclosures in order to provide sufficient space for Utility to set a replacement Pole.

Article 3—Fees and Charges

- 3.1 **Payment of Fees and Charges.** Licensee shall pay to Utility the fees and charges specified in Appendix A and shall comply with the terms and conditions specified in this Agreement.

- 3.2 **Payment Period.** Unless otherwise expressly provided, Licensee shall pay any invoice its receives from Utility pursuant to this Agreement within thirty (30) calendar days after Utility issues the invoice.
- 3.3 **Billing of Attachment Fee.** Utility shall invoice Licensee for the per-pole Attachment Fee annually, in arrears. Utility will submit to Licensee an invoice for the annual rental period not later than June 30th of each year. The initial annual rental period shall commence upon the execution of this Agreement and conclude on June 30th of the next year, and each subsequent annual rental period shall commence on the following July 1st and conclude on June 30th of the subsequent year. The invoice shall set forth the total number of Utility's Poles on which Licensee was issued and/or holds Permit(s) for Attachments during such annual rental period, including any previously authorized and valid Permits.
- 3.4 **Refunds.** No fees and charges specified in Appendix A shall be refunded on account of any surrender of a Permit granted under this Agreement. Nor shall any refund be owed if a Pole is not used or abandoned by Utility.
- 3.5 **Late Charge.** If Utility does not receive payment for any fee or other amount owed within thirty (30) calendar days after it becomes due, Licensee shall pay interest to Utility at the rate of ten (10%) per month, or the maximum interest allowed by law, whichever is greater, on the amount due.
- 3.6 **Payment for Work.** Licensee will be responsible for payment to Utility for all work that Utility or Utility's contractors perform pursuant to this Agreement to accommodate Licensee's Communications Facilities.
- 3.7 **Advance Payment.** At its sole discretion, Utility may require that Licensee pay in advance all reasonable costs, including, but not limited to administrative, construction, inspections, and Make-Ready Work expenses, in connection with the initial installation or rearrangement of Licensee's Communications Facilities pursuant to the procedures set forth in Articles 6 and 7 below.
- 3.8 **True-Up.** Whenever Utility, in its discretion, requires advance payment of estimated expenses prior to undertaking an activity on behalf of Licensee and the actual cost of the activity exceeds the advance payment of estimated expenses, Licensee agrees to pay Utility for the difference in cost, provided that Utility documents such costs with sufficient detail to enable Licensee to verify the charges. To the extent that Utility's actual cost of the activity is less than the estimated cost, Utility shall refund to Licensee the difference in cost.
- 3.9 **Determination of Charges.** Wherever this Agreement requires Licensee to pay for work done or contracted by Utility, the charge for such work shall include all

reasonable material, labor, engineering, administrative, and applicable overhead costs. Utility shall bill its services based upon actual costs, and such costs will be determined in accordance with Utility's cost accounting systems used for recording capital and expense activities. All such invoices shall include an itemization of dates of work, location of work, labor and equipment costs per hour, persons employed, and costs of materials used. If Licensee was required to perform work and fails to perform such work, necessitating completion of the work by Utility, Utility may either charge an additional ten percent (10%) of its costs or assess the penalty specified in Appendix A.

- 3.10 **Work Performed by Utility.** Whenever this Agreement requires Utility to perform any work, Utility, at its sole discretion, may utilize its employees or contractors, or any combination of the two, to perform such work.
- 3.11 **Default for Nonpayment.** Nonpayment of any amount due under this Agreement beyond sixty (60) days shall constitute a material default of this Agreement.

Article 4—Specifications

- 4.1 **Installation/Maintenance of Communications Facilities.** After a Permit is issued pursuant to this Agreement, Licensee's Communications Facilities shall be installed and maintained in accordance with the requirements and specifications of Appendix D. All of Licensee's Communications Facilities must comply with all Applicable Standards. Licensee shall be responsible for the installation and maintenance of its Communications Facilities. Licensee shall, at its own expense, make and maintain its Attachment(s) in safe condition and good repair, in accordance with all Applicable Standards. Notwithstanding anything in this Agreement to the contrary, Licensee shall not be required to update or upgrade its Attachments if they met Applicable Standards at the time the attachments were made, unless such updates or upgrades are required by any revised Applicable Standards.
- 4.2 **Tagging.** Licensee shall Tag all of its Communications Facilities as specified in Appendix D and/or applicable federal, State, and local regulations upon installation of such Facilities. Within one year of the execution of this Agreement, Licensee shall also tag any untagged Communications Facilities that were on Utility Poles on the effective date of this Agreement. Failure to provide proper tagging will be considered a violation of the Applicable Standards.
- 4.3 **Interference.** Licensee shall not allow its Communications Facilities to impair the ability of Utility or any third party to use Utility's Poles, nor shall Licensee allow its Communications Facilities to interfere with the operation of any Utility

Facilities, third-party facilities or City of Stillwater facilities including cables, conductors, traffic controls networks and/or systems, communication networks and/or systems, radio communication network and/or systems, emergency management networks and/or systems and all related facilities.

- 4.4 **Protective Equipment.** Licensee and its employees and contractors shall utilize and install adequate protective equipment to ensure the safety of people and facilities. Licensee shall, at its own expense, install protective devices designed to handle the electric voltage and current carried by Utility's facilities in the event of a contact with such facilities. Except as provided in Paragraph 16.1, Utility shall not be liable for any actual or consequential damages to Licensee's Communications Facilities, Licensee's customers' facilities, or to any of Licensee's employees, contractors, customers, or other persons.
- 4.5 **Utility Right to Correct.** If Licensee's Communications Facilities, or any part of them, are installed, used, or maintained in violation of this Agreement, and Licensee has not corrected the violation(s) within thirty (30) calendar days from receipt of written notice of the violation(s) from Utility, Utility at its option, may correct such conditions. Utility will attempt to notify Licensee in writing prior to performing such work whenever practicable. When Utility believes, however, that such violation(s) pose an immediate threat to the safety of any person, interfere with the performance of Utility's service obligations, or present an immediate threat to the physical integrity of Utility Facilities, Utility may perform such work and/or take such action as it deems necessary without first giving written notice to Licensee. As soon as practicable afterward, Utility will advise Licensee of the work performed or the action taken. Licensee shall be responsible for all actual and reasonable costs incurred by Utility in taking action pursuant to this Paragraph, and Licensee shall indemnify Utility against any liability, costs, and expenses, including reasonable attorney's and expert fees, arising out of or relating to any such work.
- 4.6 **Restoration of Utility Service.** Utility's service restoration requirements shall take precedence over any and all work operations of Licensee on Utility's Poles.
- 4.7 **Effect of Failure to Exercise Access Rights.** If Licensee does not exercise any access right granted pursuant to this Agreement and/or applicable Permit(s) within ninety (90) calendar days of the effective date of such right and any extension to such Permit(s), Utility may, but shall have no obligation to, use the space scheduled for Licensee's Attachment(s) for its own needs or make the space available to other Attaching Entities. In such instances, Utility shall endeavor to make other space available to Licensee, upon written application under Article 6, as soon as reasonably possible and subject to all requirements of this Agreement, including the Make-Ready Work provisions. If Utility uses the space for its own

needs or makes them available to other parties, then from the date that Utility or a third party begins to use such space. For purposes of this paragraph, Licensee's access rights shall not be deemed effective until any necessary Make-Ready Work has been performed.

- 4.8 Removal of Nonfunctional Attachments.** At its sole expense, Licensee shall remove any of its Attachments or any part thereof that becomes nonfunctional and no longer fit for service ("Nonfunctional Attachment") as provided in this Paragraph 4.8. A Nonfunctional Attachment that Licensee has failed to remove as required in this paragraph shall constitute an unauthorized Attachment and is subject to the Unauthorized Attachment fee specified in Appendix A, Item 3. Except as otherwise provided in this Agreement, Licensee shall remove Nonfunctional Attachments within one (1) year of the Attachment becoming nonfunctional, unless Licensee receives written notice from Utility that removal is necessary to accommodate Utility's or another Attaching Entity's use of the affected Pole(s), in which case Licensee shall remove the Nonfunctional Attachment within sixty (60) days of receiving the notice. Where Licensee has received a Permit to Overlash a Nonfunctional Attachment, such Nonfunctional Attachment may remain in place until Utility notifies Licensee that removal is necessary to accommodate Utility's or another Attaching Entity's use of the affected Pole(s). Licensee shall give Utility notice of any Nonfunctional Attachments as provided in Article 15.

Article 5—Private and Regulatory Compliance

- 5.1 Necessary Authorizations.** Before Licensee occupies any of Utility's Poles, Licensee shall obtain from the appropriate public or private authority, or from any property owner or other appropriate person, any required authorization to construct, operate, or maintain its Communications Facilities on public or private property. Utility retains the right to require evidence that appropriate authorization has been obtained before any Permit is issued to Licensee. Licensee's obligations under this Article 5 include, but are not limited to, its obligation to obtain and pay for all necessary approvals to occupy public/private rights-of-way and easements and all necessary licenses and authorizations to provide the services that it provides over its Communications Facilities. Licensee shall defend, indemnify, and reimburse Utility for all losses, costs, and expenses, including reasonable attorney's fees that Utility may incur as a result of claims by governmental bodies, owners of private property, or other persons, that Licensee does not have sufficient rights or authority to attach Licensee's Communications Facilities on Utility's Poles or to provide particular services.

- 5.2 **Lawful Purpose and Use.** Licensee's Communications Facilities must at all times serve a lawful purpose, and the use of such Facilities must comply with all applicable federal, State and local laws.
- 5.3 **Forfeiture of Utility's Rights.** No Permit granted under this Agreement shall extend, or be deemed to extend, to any of Utility's Poles to the extent that Licensee's Attachment would result in a forfeiture of Utility's rights. Any Permit that would result in forfeiture of Utility's rights shall be deemed invalid as of the date that Utility granted it. Further, if any of Licensee's existing Communications Facilities, whether installed pursuant to a valid Permit or not, would cause such forfeiture, Licensee shall promptly remove its Facilities upon receipt of written notice from Utility. If Licensee does not remove its Communications Facilities in question within thirty (30) days of receiving written notice from Utility, Utility may at its option perform such removal at Licensee's expense. Notwithstanding the forgoing, Licensee shall have the right to contest any such forfeiture before any of its rights are terminated, provided that Licensee shall indemnify Utility for liability, costs, and expenses, including reasonable attorney's fees, that may accrue during Licensee's challenge.
- 5.4 **Effect of Consent to Construction/Maintenance.** Consent by Utility to the construction or maintenance of any Attachments by Licensee shall not be deemed consent, authorization, or acknowledgment that Licensee has obtained all required Authorizations with respect to such Attachment.

Article 6—Permit Application Procedures

- 6.1 **Permit Required.** Licensee shall not make any Attachments to any of Utility's Poles without first applying for and obtaining a Permit pursuant to the applicable requirements of Appendix B. If updates or upgrades are required by Applicable Standards, Licensee shall not be required to obtain Permits for Attachment(s) existing as of the effective date of this Agreement. Such grandfathered Attachments shall, however, be subject to the Attachment Fees specified in Appendix A and the tagging provisions in Paragraph 4.2. Licensee shall provide Utility a list of all such pre-existing Attachments within six (6) months of the effective date of this Agreement.
- 6.2 **Permits for Overlashing.** As set out in Paragraph 2.11, Permits are required for any Overlashing allowed under this Agreement and Licensee. Licensee's Affiliate or other third party, as applicable, shall pay any necessary Make-Ready Work costs to accommodate such Overlashing.
- 6.3 **Professional Certification.** Unless otherwise waived in writing by Utility, as part of the Permit application process and at Licensee's sole expense, a qualified and experienced professional engineer, or an employee or contractor of Licensee who

has been approved by Utility, must participate in the Pre-Construction Survey, conduct the Post-Construction Inspection, and certify that Licensee's Communications Facilities can be and were installed on the identified Poles in compliance with the standards in Paragraph 4.1 and in accordance with the Permit. The professional engineer's qualifications must include experience performing such work, or substantially similar work, on electric distribution systems. The Utility may require the Licensee's professional engineer to conduct a post-construction inspection that the Utility will verify by means that it deems to be reasonable.

Utility, at its discretion, may waive the requirements of this Paragraph 6.3, with respect to service drops.

- 6.4 Utility Review of Permit Application.** Upon receipt of a properly executed Application for Permit (Appendix C), which shall include the Pre-Construction Survey, certified per Paragraph 6.3 above, and detailed plans for the proposed Attachments in the form specified in Appendix D, Utility will review the Permit Application and discuss any issues with Licensee, including engineering or Make-Ready Work requirements associated with the Permit Application. Utility acceptance of the submitted design documents does not relieve Licensee of full responsibility for any errors and/or omissions in the engineering analysis. Unless otherwise agreed, the Permit application process shall be consistent with the following timeline:

- 6.4.1 Review Period.** Utility shall review and respond to properly executed and complete Permit Applications for routine installations as promptly as is reasonable with a goal of providing a response during normal circumstances of within seventy-five (75) days of receipt. For Permit Applications seeking Attachments to 50 or more Poles, the Utility may require additional time to review. The Utility's response will either provide a written explanation as to why the Application is being denied, in whole or in part, or provide an estimate of the costs of all necessary Make-Ready Work.
- 6.4.2** Upon receipt of Utility's Make-Ready estimate, Licensee shall have fourteen (14) days to approve the estimate and provide payment in accordance with this Agreement and the specifications of the estimate.
- 6.4.3** Utility will complete routine Make-Ready Work within sixty (60) days of receipt of payment. If there are extenuating circumstances that make the necessary Make-Ready more complicated or time-consuming, including, but not limited to the number of Poles, seasonal weather conditions, the Utility shall identify those factors in the Make-Ready estimate and the parties shall agree upon a reasonable timeframe for completion.

6.4.4 Utility may toll the time period for completion of Make-Ready Work by written notice in order to respond to severe storms, natural disasters, or other emergency situations.

- 6.5 **Permit as Authorization to Attach.** Upon completion of any necessary Make-Ready Work and receipt of payment for such work, Utility will sign and return the Permit Application, which shall serve as authorization for Licensee to make its Attachment(s).

Article 7—Make-Ready Work/Installation

- 7.1 **Estimate for Make-Ready Work.** If Utility determines that it can accommodate Licensee's request for Attachment(s), including Overlapping of an existing Attachment, it will, upon request, advise Licensee of any estimated Make-Ready Work charges necessary to accommodate the Attachment.
- 7.2 **Payment of Make-Ready Work.** Upon completion of the Make-Ready Work, Utility shall invoice Licensee for Utility's actual cost of such Make-Ready Work. Alternatively, Utility, at its discretion, may require payment in advance for Make-Ready Work based upon the estimated cost of such work. In such case, upon completion Licensee shall pay Utility's actual cost of Make-Ready Work. The costs of the work shall be itemized in accordance with Paragraph 3.9 and trued up in accordance with Paragraph 3.8.
- 7.3 **Who May Perform Make-Ready Work.** Make-Ready Work shall be performed only by Utility and/or a contractor authorized by Utility to perform such work. If Utility chooses not to or cannot perform the Make-Ready Work to accommodate Licensee's Communications Facilities within sixty (60) calendar days of Licensee's agreement, to Make-Ready Work estimate, Licensee may request the ability to use a qualified contractor to perform such work and shall specify when such work would be performed. In all instances, "qualified contractors," if allowed, must be pre-approved by Utility for such work on an annual basis.
- 7.4 **Scheduling of Make-Ready Work.** In performing all Make-Ready Work to accommodate Licensee's Communications Facilities, Utility will attempt to include such work in its normal work schedule. If Licensee requests that the Make-Ready Work be performed on a priority basis or outside of Utility's normal work hours, Licensee will pay any resulting increased costs. Nothing in this Agreement shall be construed to require Utility to perform Licensee's work before other scheduled work or Utility service restoration.
- 7.5 **Notification of Make-Ready Work.** Before starting Make-Ready Work, Utility shall notify all Attaching Entities of the date and location of the scheduled work

and shall afford all such entities an opportunity to make any modifications to their existing Attachments in connection with the Make-Ready Work.

- 7.6 **Written Approval of Installation Plans Required.** Before making any Attachments to Utility's Poles, including Overlapping of existing Attachments, Licensee must obtain Utility's written detailed plan approval for the Attachments. Such detailed plans shall accompany a Permit application as required under Paragraph 6.4.

7.7 **Licensee's Installation/Removal/Maintenance Work.**

7.7.1 All of Licensee's installation, removal, and maintenance work, by either Licensee's employees or authorized contractors, shall be performed at Licensee's sole cost and expense, in a good and workmanlike manner, and must not adversely affect the structural integrity of Utility's Poles or other Facilities or other Attaching Entity's facilities or equipment. All such work is subject to the insurance requirements of Article 18.

7.7.2 All of Licensee's installation, removal, and maintenance work, either by its employees or authorized contractors, shall comply with all applicable regulations specified in Paragraph 4.1. Licensee shall assure that any person installing, maintaining, or removing its Communications Facilities is fully qualified and familiar with all Applicable Standards, the provisions of Article 17, and the Minimum Design Specifications contained in Appendix D.

Article 8—Transfers

- 8.1 **Required Transfers of Licensee's Communications Facilities.** If Utility reasonably determines that a transfer of Licensee's Communications Facilities is necessary, Utility will, at its option, either require Licensee to perform such transfer at its own expense within thirty (30) calendar days after receiving notice from Utility, or perform the transfer itself, using its personnel, and/or contractors. If Licensee fails to transfer its Facilities within thirty (30) calendar days after receiving such notice from Utility, Utility shall have the right to transfer Licensee's Facilities using its personnel and/or contractors. The costs of such transfers shall be apportioned as specified under Article 9. Utility shall not be liable for damage to Licensee's Facilities except to the extent provided in Paragraph 16.1. The written advance notification requirement of this Paragraph shall not apply in emergency situations. In emergency situations, Utility shall provide such advance notice as is practical, given the urgency of the particular situation. Utility shall then provide written notice of any such actions taken within ten (10) days following the occurrence. Irrespective of who owns Facilities that

are Overlashed on to Licensee's Attachments, Licensee is responsible for the transfer of such Facilities and the costs of doing so.

Article 9—Modifications and/or Replacements

- 9.1 Licensee's Action Requiring Modification/Replacement.** If any Pole to which Licensee desires to make Attachment(s) is unable to support or accommodate the additional facilities in accordance with all Applicable Standards, Utility will notify Licensee of the necessary Make-Ready Work, and associated costs, to provide adequate Pole space, including, but not limited to, replacement of the Pole and/or rearrangement or transfer of Utility's Facilities, as well as the facilities of other Attaching Entities. Licensee shall be responsible for separately entering into an agreement with other Attaching Entities concerning the allocation of costs for the relocation or rearrangement of such entities' existing Attachments. If Licensee elects to go forward with the necessary changes, Licensee shall pay to Utility the actual cost of the Make-Ready Work, performed by Utility, in accordance with Paragraph 3.9. Utility, in its discretion, may require advance payment. Licensee shall also be responsible for obtaining and furnishing to Utility before the commencement of any Make-Ready Work, agreements between Licensee and the other Attaching Entities (including Overlashers) concerning the relocation or rearrangement of their Attachments and the costs involved.
- 9.2 Treatment of Multiple Requests for Same Pole.** If Utility receives Permit Applications for the same Pole from two or more prospective licensees within sixty (60) calendar days of the initial request, and accommodating their respective requests would require modification of the Pole or replacement of the Pole, Utility will allocate among such licensees the applicable costs associated with such modification or replacement.
- 9.3 Guying.** The use of guying to accommodate Licensee's Attachments shall be provided by, and at the expense of, Licensee and to the satisfaction of Utility, as specified in Appendix D. Licensee shall not attach its guy wires to Utility's anchors without prior written permission of Utility. If permission is granted, charges may apply.
- 9.4 Allocation of Costs.** The costs for any rearrangement or transfer of Licensee's Communications Facilities or the replacement of a Pole (including any related costs for tree cutting or trimming required to clear the new location of Utility's cables or wires) shall be allocated to Utility and/or Licensee and/or other Attaching Entity on the following basis:
- 9.4.1** If Utility intends to modify or replace a Pole solely for its own requirements, it shall be responsible for the costs related to the modification/replacement of the Pole. Licensee shall not be responsible

for costs associated with the rearrangement or transfer of Licensee's Communications Facilities, unless and to the extent the rearrangement or transfer is necessary in connection with Utility's reacquisition of Reserved Capacity from Licensee. Prior to making any such modification or replacement, Utility shall provide Licensee written notification of its intent in order to provide Licensee a reasonable opportunity to modify or add to its existing Attachment. Should Licensee decide to do so, it must seek Utility's written permission in accordance with this Agreement. If Licensee elects to add to or modify its Communications Facilities, Licensee shall pay its Pro-Rata of the costs incurred by Utility in making the space on the Poles accessible to Licensee.

- 9.4.2** If the modification or replacement of a Pole is necessitated by the requirements of Licensee, Licensee shall be responsible for all costs caused by the modification or replacement of the Pole as well as the costs associated with the transfer or rearrangement of any other Attaching Entity's Communications Facilities. At the time Licensee submits a Permit Application to Utility, Licensee shall submit evidence, in writing, that it has made arrangements to reimburse all affected Attaching Entities for their costs caused by the transfer or rearrangement of their Facilities. Utility shall not be obligated in any way to enforce or administer Licensee's responsibility for the costs associated with the transfer or rearrangement of another Attaching Entity's Facilities pursuant to this Paragraph 9.4.2.
- 9.4.3** If the modification or the replacement of a Pole is the result of an additional Attachment or the modification of an existing Attachment sought by an Attaching Entity other than Utility or Licensee, the Attaching Entity requesting the additional or modified Attachment shall bear the entire cost of the modification or replacement, as well as the costs for rearranging or transferring Licensee's Communications Facilities. Licensee shall cooperate with such third-party Attaching Entity to determine the costs of moving Licensee's facilities.
- 9.4.4** If the Pole must be modified or replaced for reasons unrelated to the use of the Pole by Attaching Entities (*e.g.*, storm, accident, deterioration), Utility shall pay the costs of such modification or replacement and Licensee shall pay the costs of rearranging or transferring its Communications Facilities.

- 9.5 **Utility Not Required to Relocate.** Nothing in this Agreement shall be construed to require Utility to relocate its Attachments or to modify or replace its Poles for the benefit of Licensee.

Article 10—Abandonment or Removal of Utility Facilities

- 10.1 **Notice of Abandonment or Removal of Utility Facilities.** If Utility desires at any time to abandon, remove, or underground any Utility Facilities to which Licensee's Communications Facilities are attached, it shall give Licensee notice in writing to that effect at least sixty (60) calendar days prior to the date on which it intends to abandon or remove such Utility's Facilities. Notice may be limited to thirty (30) calendar days if Utility is required to remove or abandon its Utility Facilities as the result of the action of a third party and the lengthier notice period is not practical. Such notice shall indicate whether Utility is offering Licensee an option to purchase the Pole(s). If, following the expiration of the thirty (30) day period, Licensee has not yet removed and/or transferred all of its Communications Facilities and has not entered into an agreement to purchase Utility's Facilities pursuant to Paragraph 10.2, Utility shall have the right, but not the obligation, to remove or transfer Licensee's Communications Facilities at Licensee's expense. Utility shall give Licensee prior written notice of any such removal or transfer of Licensee's Facilities.
- 10.2 **Option to Purchase Abandoned Poles.** Should Utility desire to abandon any Pole, Utility may, in its sole discretion, grant Licensee the option of purchasing such Pole at a price to be negotiated with Utility. Licensee must notify Utility in writing within thirty (30) calendar days of the date of Utility's notice of abandonment that Licensee desires to purchase the abandoned Pole. Thereafter, Licensee must also secure and deliver proof of all necessary governmental approvals and easements allowing Licensee to independently own and access the Pole within forty-five (45) calendar days. Should Licensee fail to secure the necessary governmental approvals, or should Utility and Licensee fail to enter into an agreement for Licensee to purchase the Pole within forty-five (45) calendar days, Licensee must remove its Attachments as required under Paragraph 10.1. Nothing in this Agreement shall be construed as requiring Utility to sell Licensee Poles that Utility intends to remove or abandon.
- 10.3 **Underground Relocation.** If Utility moves any portion of its aerial system underground, Licensee shall remove its Communications Facilities from any affected Poles within sixty (60) calendar days of receipt of notice from Utility and must either relocate its affected Facilities underground with Utility or find other means to accommodate its Facilities. If Licensee does not remove its Attachments within sixty (60) days, Utility shall have the right to remove or transfer Licensee's Communications Facilities at Licensee's expense. Licensee's

failure to remove its Facilities as required under this Paragraph 10.3 shall subject Licensee to the penalty provisions of Appendix A.

Article 11—Removal of Licensee’s Facilities

Removal on Expiration/Termination. At the expiration or other termination of this License Agreement or individual Permit(s), Licensee shall remove its Communications Facilities from the affected Poles at its own expense. If Licensee fails to remove such Facilities within sixty (60) calendar days of expiration or termination or some greater period as allowed by Utility, Utility shall have the right, but not the obligation, to remove or transfer such Facilities removed at Licensee’s expense.

Article 12—Termination of Permit

12.1 Automatic Termination of Permit. Any Permit issued pursuant to this Agreement shall automatically terminate when Licensee ceases to have authority to construct and operate its Communications Facilities on public or private property at the location of the particular Pole(s) covered by the Permit. Permits will also expire if the Licensee’s facilities are not installed and operational within six (6) months of the Permit issuance date.

12.2 Surrender of Permit. Licensee may at any time surrender any Permit for Attachment(s) and remove its Communications Facilities from the affected Pole(s), provided, however, that before commencing any such removal, Licensee must obtain Utility’s written approval of Licensee’s plans for removal, including the name of the person or entity performing such work and the date(s) and time(s) during which such work will be completed. All such work is subject to the insurance requirements of Article 18. No refund of any fees or costs will be made upon removal. If Licensee surrenders such Permit pursuant to the provisions of this Article, but fails to remove its Attachments from Utility’s Facilities within thirty (30) calendar days, Utility shall have the right, but not the obligation, to remove or transfer Licensee’s Attachments at Licensee’s expense.

Article 13—Inspection of Licensee’s Facilities

13.1 Inspections. Utility may conduct an inventory and inspection of Attachments at any time. Within thirty (30) calendar days of receiving written notice from Utility, Licensee shall correct all Attachments that Utility identifies as being out of compliance with Applicable Standards. If Utility finds that five percent (5%) or more of Licensee’s Attachments are either in non-compliance or not permitted, Licensee shall pay its *pro-rata* share of the costs of the inspection.

13.2 Notice. Utility will give Licensee reasonable advance written notice of such inspections, except in those instances in which safety considerations justify the need for such inspection without delay.

- 13.3 **No Liability.** Inspections performed under this Article 13, or the failure to do so, shall not operate to impose upon Utility any liability of any kind whatsoever or to relieve Licensee of any responsibility, obligations, or liability, whether assumed under this Agreement or otherwise existing.
- 13.4 **Attachment Records.** Notwithstanding the above inspection provisions, Licensee shall furnish to Utility annually an up-to-date electronic map depicting the locations of its Attachments, in a format specified by Utility.

Article 14—Unauthorized Occupancy or Access

- 14.1 **Penalty Fee.** If any of Licensee's Attachments are found occupying any Pole for which no Permit has been issued, Utility, without prejudice to its other rights or remedies under this Agreement, may assess an Unauthorized Access Penalty Fee, as specified in Appendix A, Item 3. If Licensee fails to pay such Fee within thirty (30) calendar days of receiving notification of it, Utility shall have the right, but not the obligation, to remove such Communications Facilities at Licensee's expense.
- 14.2 **No Ratification of Unauthorized Use.** No act or failure to act by Utility with regard to any unauthorized use shall be deemed as ratification of the unauthorized use. Unless the parties agree otherwise, a Permit for a previously unauthorized Attachment shall not operate retroactively or constitute a waiver by Utility of any of its rights or privileges under this Agreement or otherwise, and Licensee shall remain subject to all obligations and liabilities arising out of or relating to its unauthorized use.

Article 15—Reporting Requirements

At the time that Licensee pays its annual Attachment Fee, Licensee shall also provide the following information to Utility:

- 15.1 The Poles on which Licensee has installed, during the relevant reporting period, Risers and service drops, for which no Permit was required.
- 15.2 All Attachments that have become nonfunctional during the relevant reporting period. The report shall identify the Pole on which the nonfunctional Attachment is located, describe the nonfunctional equipment, and indicate the approximate date the Attachment became nonfunctional.
- 15.3 Any equipment Licensee has removed from Poles during the relevant reporting period. The report shall identify the Pole from which the equipment was removed, describe the removed equipment, and indicate the approximate date of removal. This requirement does not apply where Licensee is surrendering a Permit pursuant to Paragraph 12.2.

Article 16—Liability and Indemnification

16.1 Liability. Utility reserves to itself the right to maintain and operate its Poles in the manner that will best enable it to fulfill its service requirements. Licensee agrees to use Utility's Poles at Licensee's sole risk.

16.2 Indemnification. Licensee, and any agent, contractor, or subcontractor of Licensee, shall defend, indemnify, and hold harmless Utility and its officials, officers, board members, council members, commissioners, representatives, employees, agents, and contractors against any and all liability, costs, damages, fines, taxes, special charges by others, penalties, payments (including payments made by Utility under any Workers' Compensation Laws or under any plan for employees' disability and death benefits), and expenses (including reasonable attorney's fees of Utility and all other costs and expenses of litigation) ("Covered Claims") arising in any way, including any act, omission, failure, negligence, or willful misconduct, in connection with the construction, maintenance, repair, presence, use, relocation, transfer, removal or operation by Licensee, or by Licensee's officers, directors, employees, agents, or contractors, of Licensee's Communications Facilities, except to the extent of Utility's gross negligence or willful misconduct solely giving rise to such Covered Claims. Such Covered Claims include, but are not limited to, the following:

16.2.1 Intellectual property infringement, libel and slander, trespass, unauthorized use of television or radio broadcast programs and other program material, and infringement of patents;

16.2.2 Cost of work performed by Utility that was necessitated by Licensee's failure, or the failure of Licensee's officers, directors, employees, agents or contractors, to install, maintain, use, transfer, or remove Licensee's Communications Facilities in accordance with the requirements and specifications of this Agreement, or from any other work this Agreement authorizes Utility to perform on Licensee's behalf;

16.2.3 Damage to property, injury to or death of any person arising out of the performance or nonperformance of any work or obligation undertaken by Licensee, or Licensee's officers, directors, employees, agents, or contractors, pursuant to this Agreement;

16.2.4 Liabilities incurred as a result of Licensee's violation, or a violation by Licensee's officers, directors, employees, agents, or contractors, of any law, rule, or regulation of the United States, any State, or any other governmental entity or administrative agency.

16.3 Environmental Hazards. Licensee represents and warrants that its use of Utility's Poles will not generate any Hazardous Substances, that it will not store or dispose on or about Utility's Poles or transport to Utility's Poles any hazardous substances and that Licensee's Communications Facilities will not constitute or contain and will not generate any hazardous substance in violation of federal, state, or local law now or hereafter in effect, including any amendments. "Hazardous Substance" shall be interpreted broadly to mean any substance or material designated or defined as hazardous or toxic waste, hazardous or toxic material, hazardous or toxic or radioactive substance, dangerous radio frequency radiation, or other similar terms by any federal, state, or local laws, regulations or rules now or hereafter in effect, including any amendments. Licensee further represents and warrants that in the event of breakage, leakage, incineration, or other disaster, its Communications Facilities would not release any Hazardous Substances. Licensee and its agents, contractors, and subcontractors shall defend, indemnify, and hold harmless Utility and its respective officials, officers, board members, council members, commissioners, representatives, employees, agents, and contractors against any and all liability, costs, damages, fines, taxes, special charges by others, penalties, punitive damages, or expenses (including reasonable attorney's fees and all other costs and expenses of litigation) arising from or due to the release, threatened release, storage, or discovery of any Hazardous Substances on, under, or adjacent to Utility's Poles attributable to Licensee's use of Utility's Poles.

Should Utility's Poles be declared to contain Hazardous Substances, Utility, Licensee, and all Attaching Entities shall share proportionately in the cost of disposal of the affected Poles based on each entity's individual percentage use of same. For Attaching Entities, such percentage shall be derived from the sum of space occupied by each Attaching Entity plus its share of the common space, including the NESC safety space. For Utility, such percentage shall be equal to the space above the NESC safety space plus its share of the common Space. If the source or presence of the Hazardous Substance is solely attributable to particular parties, such costs shall be borne solely by those parties.

16.4 Municipal Liability Limits. No provision of this Agreement is intended, or shall be construed, to be a waiver for any purpose by Utility of any applicable State limits on municipal liability or governmental immunity. No indemnification provision contained in this Agreement under which Licensee indemnifies Utility shall be construed in any way to limit any other indemnification provision contained in this Agreement.

16.5 If Utility brings a successful action in a court of competent jurisdiction to enforce this Agreement, Licensee shall pay Utility's reasonable attorney's fees.

Article 17—Duties, Responsibilities, and Exculpation

- 17.1 Duty to Inspect.** Licensee acknowledges and agrees that Utility does not warrant the condition or safety of Utility's Facilities, or the premises surrounding the Facilities, and Licensee further acknowledges and agrees that it has an obligation to inspect Utility's Poles and/or premises surrounding the Poles, prior to commencing any work on Utility's Poles or entering the premises surrounding such Poles.
- 17.2 Knowledge of Work Conditions.** By executing this Agreement, Licensee warrants that it has acquainted, or will fully acquaint, itself and its employees and/or contractors and agents with the conditions relating to the work that Licensee will undertake under this Agreement and that it fully understands or will acquaint itself with the facilities, difficulties, and restrictions attending the execution of such work.
- 17.3 DISCLAIMER. UTILITY MAKES NO EXPRESS OR IMPLIED WARRANTIES WITH REGARD TO UTILITY'S POLES, ALL OF WHICH ARE HEREBY DISCLAIMED, AND UTILITY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EXCEPT TO THE EXTENT EXPRESSLY AND UNAMBIGUOUSLY SET FORTH IN THIS AGREEMENT. UTILITY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**
- 17.4 Duty of Competent Supervision and Performance.** The parties further understand and agree that, in the performance of work under this Agreement, Licensee and its agents, employees, contractors, and subcontractors will work near electrically energized lines, transformers, or other Utility Facilities. The parties understand and intend that energy generated, stored, or transported by Utility Facilities will not be interrupted during the continuance of this Agreement, except in emergencies endangering life or threatening grave personal injury or property. Licensee shall ensure that its employees, agents, contractors, and subcontractors have the necessary qualifications, skill, knowledge, training, and experience to protect themselves, their fellow employees, agents, contractors, and subcontractors; employees, agents, contractors, and subcontractors of Utility; and the general public, from harm or injury while performing work permitted pursuant to this Agreement. In addition, Licensee shall furnish its employees, agents, contractors, and subcontractors competent supervision and sufficient and adequate tools and equipment for their work to be performed in a safe manner. Licensee agrees that in emergency situations in which it may be necessary to de-energize any part of Utility's equipment, Licensee shall ensure that work is suspended until the equipment has been de-energized and that no such work is conducted unless and until the equipment is made safe.

- 17.5 **Requests to De-energize.** If Utility de-energizes any equipment or line at Licensee's request and for its benefit and convenience in performing a particular segment of any work, Licensee shall reimburse Utility in accordance with Paragraph 3.9, for all costs and expenses that Utility incurs in complying with Licensee's request. Before Utility de-energizes any equipment or line, it shall provide, upon request, an estimate of all costs and expenses to be incurred in accommodating Licensee's request.
- 17.6 **Interruption of Service.** If Licensee causes an interruption of service by damaging or interfering with any equipment of Utility, Licensee shall, at its own expense, immediately do all things reasonable to avoid injury or damages, direct and incidental, resulting therefrom and shall notify Utility immediately.
- 17.7 **Duty to Inform.** Licensee further warrants that it understands the imminent dangers (INCLUDING SERIOUS BODILY INJURY OR DEATH FROM ELECTROCUTION) inherent in the work necessary to make installations on Utility's Poles by Licensee's employees, agents, contractors, or subcontractors, and Licensee accepts the duty and sole responsibility to notify and inform Licensee's employees, agents, contractors, or subcontractors of such dangers, and to keep them informed regarding same.

Article 18—Insurance

- 18.1 **Policies Required.** At all times during the term of this Agreement, Licensee shall keep in force and effect all insurance policies as described below. These insurance requirements shall extend to all agents, contractors, subcontractors or others working on behalf of the Licensee in performing any and all work contemplated under this Agreement:
- 18.1.1 **Workers' Compensation and Employers' Liability Insurance.** Statutory workers' compensation benefits and employers' liability insurance with a limit of liability no less than that required by Oklahoma law at the time of the application of this provision for each accident. This policy shall be endorsed to include a waiver of subrogation in favor of Utility. Licensee shall require subcontractors and others not protected under its insurance to obtain and maintain such insurance.
- 18.1.2 **Commercial General Liability Insurance.** Policy will be written to provide coverage for, but not limited to, the following: premises and operations, products and completed operations, personal injury, blanket contractual coverage, broad form property damage, and independent contractor's coverage.

- 18.1.3 **Automobile Liability Insurance.** Business automobile policy covering all owned, hired and non-owned private passenger autos and commercial vehicles.
- 18.1.4 **Umbrella Liability Insurance.** Coverage is to be in excess of the sum employers' liability, commercial general liability, and automobile liability insurance required above.
- 18.1.5 **Property Insurance.** Each party will be responsible for maintaining property insurance on its own facilities, buildings, and other improvements, including all equipment, fixtures, and utility structures, fencing, or support systems that may be placed on, within, or around Utility Facilities to fully protect against hazards of fire, vandalism and malicious mischief, and such other perils as are covered by policies of insurance commonly referred to and known as "extended coverage" insurance or self-insure such exposures.
- 18.2 **Qualification; Priority; Contractors' Coverage.** The insurer must be authorized to do business under the laws of the State of Oklahoma and have an "A" or better rating in Best's Guide. Such insurance will be primary. All contractors and all of their subcontractors who perform work on behalf of Licensee shall carry, in full force and effect, workers' compensation and employers' liability, comprehensive general liability, and automobile liability insurance coverages of the type that Licensee is required to obtain under this Article 18 with the same limits.
- 18.3 **Certificate of Insurance; Other Requirements.** Prior to the execution of this Agreement and prior to each insurance policy expiration date during the term of this Agreement, Licensee will furnish Utility with a certificate of insurance ("Certificate") and, upon request, certified copies of the required insurance policies. The Certificate shall reference this Agreement and workers' compensation and property insurance waivers of subrogation required by this Agreement. Utility shall be given thirty (30) calendar days advance notice of cancellation or nonrenewal of insurance during the term of this Agreement. Utility, its council members, board members, commissioners, agencies, officers, officials, employees and representatives (collectively, "Additional Insureds") shall be named as Additional Insureds under all of the policies, except workers' compensation, which shall be so stated on the Certificate of Insurance. All policies, other than workers' compensation, shall be written on an occurrence and not on a claims-made basis. All policies may be written with deductibles, not to exceed \$100,000, or such greater amount as expressly allowed in writing by Utility. Licensee shall defend, indemnify and hold harmless Utility and Additional Insureds from and against payment of any deductible and payment of any premium on any policy required under this Article. Licensee shall obtain

Certificates from its agents, contractors, and their subcontractors and provide a copy of such Certificates to Utility upon request.

- 18.4 Limits.** The minimum limits of liability for policies required by this Article shall be provided to Licensee by Utility. The limits of liability may be increased or decreased as required by Utility in the event of any factors or occurrences, including substantial increases in the level of jury verdicts or judgments or the passage of state, federal, or other governmental compensation plans, or laws that would materially increase or decrease Licensee's exposure to risk.
- 18.5 Prohibited Exclusions.** No policies of insurance required to be obtained by Licensee or its contractors or subcontractors shall contain provisions that: (1) exclude coverage of liability assumed by this Agreement with Utility except as to infringement of patents or copyrights or for libel and slander in program material, (2) exclude coverage of liability arising from excavating, collapse, or underground work, (3) exclude coverage for injuries to Utility's employees or agents, or (4) exclude coverage of liability for injuries or damages caused by Licensee's contractors or the contractors' employees, or agents. This list of prohibited provisions shall not be interpreted as exclusive.
- 18.6 Deductible/Self-insurance Retention Amounts.** Licensee shall be fully responsible for any deductible or self-insured retention amounts contained in its insurance program or for any deficiencies in the amounts of insurance maintained.

Article 19—Authorization Not Exclusive

Utility shall have the right to grant, renew, and extend rights and privileges to others not party to this Agreement by contract or otherwise, to use Utility Facilities covered by this Agreement. Such rights shall not interfere with the rights granted to Licensee by the specific Permits issued pursuant to this Agreement.

Article 20—Assignment

- 20.1 Limitations on Assignment.** Licensee shall not assign its rights or obligations under this Agreement, nor any part of such rights or obligations, without the prior written consent of Utility, which consent shall not be unreasonably withheld.
- 20.2 Obligations of Assignee/Transferee and Licensee.** No assignment or transfer under this Article 20 shall be allowed until the assignee or transferee becomes a signatory to this Agreement and assumes all obligations of Licensee arising under this Agreement. Licensee shall furnish Utility with prior written notice of the transfer or assignment, together with the name and address of the transferee or assignee. Notwithstanding any assignment or transfer, Licensee shall remain fully liable under this Agreement and shall not be released from performing any of the

terms, covenants, or conditions of this Agreement without the express written consent to the release of Licensee by Utility.

- 20.3 Sub-licensing.** Without Utility's prior written consent, Licensee shall not sub-license or lease to any third party, including but not limited to, allowing third parties to place Attachments on Utility's Facilities, including Overlapping, or to place Attachments for the benefit of such third parties on Utility's Poles. Any such action shall constitute a material breach of this Agreement. The use of Licensee's Communications Facilities by third parties (including but not limited to leases of dark fiber) that involves no additional Attachment or Overlapping is not subject to this Paragraph 20.3.

Article 21—Failure to Enforce

Failure of Utility or Licensee to take action to enforce compliance with any of the terms or conditions of this Agreement or to give notice or declare this Agreement or any authorization granted hereunder terminated shall not constitute a waiver or relinquishment of any term or condition of this Agreement, but the same shall be and remain at all times in full force and effect until terminated, in accordance with this Agreement.

Article 22— Issue Resolution Process

- 22.1 Dispute Resolution.** Except for an action seeking a temporary restraining order or an injunction or to compel compliance with this dispute resolution procedure, the parties can invoke the dispute resolution procedures in this Article at any time to resolve a controversy, claim, or breach arising under this Agreement. Each party will bear its own costs for dispute resolution activity.
- 22.2 Initial Meeting.** At either party's written request, each party will designate knowledgeable, responsible, senior representatives to meet and negotiate in good faith to resolve a dispute. The representatives will have discretion to decide the format, frequency, duration, and conclusion of these discussions. The parties will conduct any meeting in-person or via conference call, as reasonably appropriate.
- 22.3 Executive Meeting.** If ninety (90) days after the first in-person meeting of the senior representatives, the parties have not resolved the dispute to their mutual satisfaction, each party will designate executive representatives at the director level or above to meet and negotiate in good faith to resolve the dispute. To facilitate the negotiations, the parties may agree in writing to use mediation.
- 22.4 Unresolved Dispute.** If after sixty (60) days from the first executive-level, in-person meeting, the parties have not resolved the dispute to their mutual satisfaction; either party may invoke any legal means available to resolve the dispute, including enforcement of the default and termination procedures set out in Article 24.

- 22.5 Confidential Settlement.** Unless the parties otherwise agree in writing, communication between the parties under this Article will be treated as confidential information developed for settlement purposes, exempt from discovery and inadmissible in litigation.
- 22.6 Business as Usual.** During any dispute resolution procedure or lawsuit, the Utilities will continue providing services to each other and performing their obligations under this Agreement.

Article 23—Termination of Agreement

- 23** Utility shall have the right, pursuant to the procedures set out in this Article 23, to terminate this entire Agreement, or any Permit issued under it, whenever Licensee is in default of any material term or condition of this Agreement, including, but not limited to, the following circumstances:
- 23.1.1** Construction, operation, or maintenance of Licensee's Communications Facilities in violation of law, or in aid of any unlawful act or undertaking; or
 - 23.1.2** Construction, operation, or maintenance of Licensee's Communications Facilities after any authorization required of Licensee has lawfully been denied or revoked by any governmental authority or any private holder of easements or other rights, or violation of any other agreement with Utility; or
 - 23.1.3** Construction, operation, or maintenance of Licensee's Communications Facilities without the insurance coverage required under Article 18.
- 23.2** Utility will notify Licensee in writing of any defaults by Licensee under this Agreement. Licensee shall take immediate corrective action to eliminate any such defaults within fifteen (15) calendar days, or such longer period as the parties may agree, and shall confirm in writing to Utility that the cited condition or conditions have ceased or been corrected, or are in the process of being corrected.
- 23.3** If Licensee contests the existence of the default, it may invoke the dispute resolution procedures of Article 22.
- 23.4** If the parties are unable to resolve the dispute and Licensee fails to discontinue or correct a default in a timely manner or fails to give the required confirmation, Utility may immediately terminate this Agreement or any Permit(s) granted under it. In the event of termination of this Agreement or any of Licensee's rights, privileges, or authorizations, Utility may seek removal of Licensee's Communications Facilities pursuant to the terms of Article 11, from any or all of

Utility's Poles. In such instance, Licensee shall remain liable to Utility for all fees and charges accrued pursuant to the terms of this Agreement.

Article 24—Term of Agreement

- 24.1 This Agreement shall become effective upon its execution and, if not terminated in accordance with other provisions of this Agreement, shall continue in effect for a term of five (5) years and, unless terminated by either party, agreement may be renewed for one (1) additional five (5) year term by mutual assent of the parties. Either party may terminate this Agreement at the end of the initial term by giving written notice of intent to terminate the Agreement at the end of the term. Such a notice must be given least ninety (90) calendar days prior to the end of the then-current term.
- 24.2 Even after the termination of this Agreement, Licensee's indemnity obligations shall continue with respect to any claims or demands related to Licensee's Communications Facilities, as provided for in Article 16.

Article 25—Amending Agreement

This Agreement shall not be amended, changed, or altered except in writing and with approval by authorized representatives of both parties.

Article 26—Notices

- 26.1 Wherever in this Agreement notice is required to be given by either party to the other, such notice shall be in writing and shall be effective when personally delivered to, or when mailed by certified mail with return receipt requested, with postage prepaid, and except where specifically provided for elsewhere, properly addressed as follows:
- If to Utility, at: ATTN: City Clerk
- 723 S Lewis St., Stillwater, OK 74074
- If to Licensee, at: _____
- or to such other address as either party, from time to time, may give the other party in writing.
- 26.2 The above notwithstanding the parties may agree to utilize electronic communications such as email for notifications related to the Permits application and approval process and necessary transfer or pole modifications.
- 26.3 Licensee shall maintain a staffed 24-hour emergency telephone number, not available to the general public, where Utility can contact Licensee to report damage to Licensee's facilities or other situations requiring immediate communications

between the parties. Such contact person shall be qualified and able to respond to Utility's concerns and requests.

Article 27—Entire Agreement

This Agreement and its appendices constitute the entire agreement between the parties concerning attachments of Licensee's Communications Facilities on Utility's Poles within the geographical service area covered by this Agreement. Unless otherwise expressly stated in this Agreement, all previous agreements, whether written or oral, between Utility and Licensee are superseded and of no further effect.

Article 28 -- Severability

If any provision or portion thereof of this Agreement is or becomes invalid under any applicable statute or rule of law, and such invalidity does not materially alter the essence of this Agreement to either party, such provision shall not render unenforceable this entire Agreement. Rather, the parties intend that the remaining provisions shall be administered as if the Agreement did not include the invalid provision.

Article 29 —Governing Law

All matters relating to this Agreement shall be governed by the laws (without reference to choice of law) of the State of Oklahoma.

Article 30—Incorporation of Recitals and Appendices

The recitals stated above and all appendices to this Agreement are incorporated into and constitute part of this Agreement.

Article 31—Performance Bond

On execution of this Agreement, Licensee shall provide to Utility a performance bond or letter of credit in an amount of (\$1000 per Small Wireless Facility). The bond shall be with an entity and in a form acceptable to Utility. The purpose of the bond is to ensure Licensee's performance of all of its obligations under this Agreement and for the payment by Licensee of any claims, liens, taxes, liquidated damages, penalties, and fees due to Utility that arise by reason of the construction, operation, maintenance, or removal of Licensee's Communications Facilities on or about Utility's Poles.

Article 32—*Force Majeure*

32.1 If either Utility or Licensee is prevented or delayed from fulfilling any term or provision of this Agreement by reason of fire, flood, earthquake, or like acts of nature, wars, revolution, civil commotion, explosion, acts of terrorism, embargo, acts of the government in its sovereign capacity, material changes of laws or regulations, labor difficulties, including without limitation, strikes, slowdowns, picketing or boycotts, unavailability of equipment of vendor, or any other such cause not attributable to the negligence or fault of the party delayed in performing the acts required by the Agreement, then performance of such acts shall be excused for the period of the unavoidable delay, and the affected party

shall endeavor to remove or overcome such inability as soon as reasonably possible.

- 32.2 Utility shall not impose any charges on Licensee stemming solely from Licensee's inability to perform required acts during a period of unavoidable delay as described in Paragraph 32.1, provided that Licensee present Utility with a written description of such force majeure within a reasonable time after occurrence of the event or cause relied on, and further provided that this provision shall not operate to excuse Licensee from the timely payment of any fees or charges due Utility under this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate on the day and year first written above.

(UTILITY)

(LICENSEE)

BY: _____

BY: Mike Hany

Title: _____

Title: CEO

UTILITY

STATE OF OKLAHOMA

: ss

County of Payne

I, the undersigned, a Notary Public in and for the State of Oklahoma, hereby certify that on the _____ day of _____, 2_____, personally appeared before me [NAME] _____, [TITLE] _____ to me known to be the individual described in and who executed the foregoing instrument and acknowledged that they signed and sealed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal the day and year above written.

Notary Public in and for the
State of Oklahoma, residing at
_____, Oklahoma

LICENSEE

STATE OF [INSERT STATE] Colorado

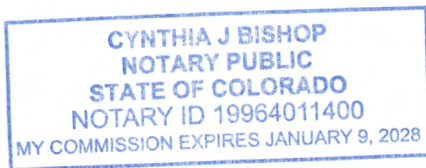
: ss

County of Denver

I, the undersigned, a Notary Public in and for the State of Colorado, hereby certify that on the 15 day of JULY, 2024, personally appeared before me [NAME] Mike Harris, [TITLE] CEO to me known to be the individual described in and who executed the foregoing instrument and acknowledged that they signed and sealed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal the day and year above written.

Cynthia J Bishop



Notary Public in and for the
State of Colorado, residing at

APPENDIX A— Fees and Charges

Effective Date / /

NOTE: The Utility may increase the fees and rates it adopts under this appendix by ten percent (10%) every five (5) years rounded to the nearest dollar.

APPENDIX B—Pole Attachment

Permit Application Process

The following procedure is to be followed by each Licensee seeking to make new Attachments on Utility's Poles, or overlash to existing pole tenant facilities on Utility's Poles. Note that no entity may make any Attachments to Utility's Poles or overlash to existing pole tenant facilities on Utility's Poles without having first entered into a binding Pole Attachment Licensing Agreement with Utility. Third parties seeking to overlash to an existing pole tenant facility must also have a written overlash agreement with the pole tenant to be overlash. The overlash agreement must be provided to the Utility at the time of application.

1. Licensee shall submit a written request to perform a Pre-Construction Inspection. The request must include a preliminary route description. Licensee shall have a professional engineer or utility-approved employee or contractor, participate in a Pre-Construction Inspection, which will include a review of the proposed Attachment(s) to determine the feasibility of the request and identify any potential Make-Ready Work. Appendix F to this Agreement contains the minimum design review information that an applicant must provide and a worksheet for determining the minimum specifications that the proposed Attachment must meet.
2. Following the Pre-Construction Inspection, Licensee shall submit a completed Permit Application (Appendix C) that includes: route map, information required in Appendix F, installation plans, recommendations on Make-Ready Work, and a pole-loading analysis stamped by a professional engineer. Licensee shall prepare the Permit Application in adherence with the Applicable Standards (Section 1.2 of Agreement) and specifications (Appendix D).
3. At the Licensee's expense, the Utility will review the recommendations from the inspection and the pole-loading analysis, and discuss any issues with the Licensee.
4. Upon receipt of written authorization, Utility will proceed with Make-Ready Work according to the specific agreed-upon installation plans and the terms of the Agreement, including payment for the Make-Ready Work charges as set out by Utility and agreed to by the Licensee.
5. Upon completion of the Make-Ready Work, the Utility will *sign* and return the Application for Permit authorizing the Licensee to make its Attachment(s) in accordance with agreed-upon installation plans.

6. Unless waived in writing by the Utility, the Licensee's professional engineer, utility-approved employee, or contractor shall submit written certification that he/she has completed the Post-Construction Inspection and that the installation was done in accordance with the provisions of the Permit. The Post-Construction Inspection shall be submitted within ninety (90) calendar days after installation is complete. The Utility will verify the inspection by means that it deems to be reasonable.

APPENDIX C - Application for Permit

Application Date: 7 / 10 / 24

To: Stillwater Utilities Authority
Attn: Electric Engineering
411 E 3rd Ave
Stillwater, OK 74074

Desire to: Attach to Utility Pole(s)

Remove Attachment from Utility Pole(s)

Overlash to existing facility attached to Utility Pole(s)

Permit No. _____

Occupancy Permit No. _____

Number of Poles this permit 111 Sheet 1 of 1

Licensee Name: Bluepeak

Address:

Contact Person: Matt Lanza Phone 331 431 8226

Title: Sr. PM of Aerial D&E

Utility Contact Person: Vernon Hall Phone 405 742 8367

Title: Power Distrobution Engineering Specialist

Narrative Description of proposed activity: Aerial Strand attachment for Fiber Optics

Application for Permit

In accordance with the terms and conditions of the Pole Attachment Licensing Agreement dated _____, application is hereby made for a Permit to attach to and/or vacate Pole(s) in the locations detailed on the attached Route Map(s). Also, attached is documentation as required by Appendix F of the Agreement. If applicable, the engineer's name, this State's registration number, and phone number are:

Name: _____ Phone: _____

Registration #: _____

Permission is hereby granted to Licensee to attach and/or vacate poles listed on the attached Field Data Summary Sheets, subject to payment of the necessary Make-Ready Work charges as set out by Utility and agreed to by the Licensee.

SUBMITTED:

APPROVED:

Licensee Bluepeak Utility _____

By Matt Lanza By _____

Title Sr. PM of Aerial D&E Title _____

Date 3/25/24 Date _____

Inspection required

APPENDIX D - Specifications for Licensee's Attachments to Utility Poles

Licensee, when making Attachments to Utility Poles, will adhere to the following engineering and construction practices.

- A. All Attachments shall be made in accordance with the Applicable Standards, as defined in Paragraph 1.2 of this Agreement.

B. Clearances

1. **Attachment and Cable Clearances:** Licensee's Attachments on Utility Poles, including metal attachment clamps and bolts, metal cross-arm supports, bolts and other equipment, must be attached so as to maintain the minimum separations specified in the National Electrical Safety Code ("NESC") and in drawings and specifications Utility may from time to time furnish Licensee. (See Drawings A-01 to A-99.)

Note: Attachments shall only be placed within the communication space as defined in the NESC.

2. **Service Drop Clearance:** From the pole to the home building the parallel minimum separation between Utility's service drops and communications service drops shall be twelve (12) inches, per NESC 235C1b (exception 3). (see drawing A-5)
3. All other drop clearances at the midspan must conform to NESC table 235-6.

Sag and Mid-Span Clearances: Licensee will be particularly careful to leave proper sag in its lines and cables and shall observe the established sag of power line conductors and other cables so that minimum clearances are: (a) achieved at poles located on both ends of the span; and (b) retained throughout the span. At mid-span, a minimum of twelve (12) inches of separation must be maintained between all telecommunication cables that meet NESC rule 230E1 (includes common phone, CATV, and fiber optic cables lashed to an effectively grounded messenger strand, or self-supporting cables).

NESC table 235-6 requires:

- 12" from neutral (by exception #16)
- 30" from supply lines carrying 0 to 8.7 kV (secondary)
- 30" plus 0.4" per kV in excess of 8.7 (primary)

4. **Vertical Risers:** All Risers, including those providing 120/240 volt power for Licensee's equipment enclosure, shall be placed on the quarter faces of the Pole and must be installed in conduit with weatherhead (if possible), attached to the Pole with stand-off brackets. A two (2) inch clearance in any direction from cable, bolts, clamps, metal supports, and other equipment shall be maintained. (*See* Drawings A-02 and A-04.)
5. **Climbing Space:** A clear Climbing Space must be maintained at all times on the face of the Pole. All Attachments must be placed so as to allow and maintain a clear and proper Climbing Space on the face of the Utility Pole. Licensee's cable/wire Attachments shall be placed on the same side of the Pole as those of other Attaching Entities. In general, all other Attachments and Risers should be placed on Pole quarter faces. (*See* Drawing A-09.)
6. **Pedestals and Enclosures:** Every effort should be made to install Pedestals, vaults and/or Enclosures at a minimum of ten (10) feet from Poles or other Utility Facilities, or the distance specified by the utility, whichever is greater.

C. Down Guys and Anchors

1. Licensee shall be responsible for procuring and installing all anchors and guy wires to support the additional stress placed on the Utility's Poles by Licensee's Attachments. Anchors must be guyed adequately.
2. Anchors and guy wires must be installed on each Utility Pole where an angle or a dead-end occurs. Licensee shall make guy attachments to Poles at or below its cable Attachment. No proposed anchor can be within four (4) feet of an existing anchor without written consent of Utility.
3. Licensee may not attach guy wires to the anchors of Utility or third-party user without the anchor owner's specific prior written consent.
4. No Attachment may be installed on a Utility Pole until all required guys and anchors are installed. No Attachment may be modified, added to, or relocated in such a way as will materially increase the stress or loading on Utility Poles until all required guys and anchors are installed.
5. Licensee's down guys, if needed, shall be bonded, to the vertical ground wires of Utility's Pole, in accordance to NESC rule 92C. If there is no vertical ground present at the pole, the connections to the system neutral are to be made by the utility as an item of Make-Ready Work. Utility will determine if guys should be grounded or insulated.

D. Certification of Licensee's Design

1. Licensee's Attachment Permit application must be signed and sealed by a professional engineer, registered in the [State], certifying that Licensee's aerial cable design fully complies with the NESC and Utility's Construction Standards and any other applicable federal, state or local codes and/or requirements.
2. This certification shall include the confirmation that the design is in accordance with pole strength requirements of the NESC, taking into account the effects of Utility's Facilities and other Attaching Entities' facilities that exist on the Poles without regard to the condition of the existing facilities.

E. Miscellaneous Requirements

1. **Cable Bonding:** Licensee's messenger cable shall be bonded according to NESC rule 92C1 as a minimum, or at every pole with a vertical ground, as determined by the utility. If no ground exists on a pole to be bonded, Licensee shall install a Pole ground in accordance with the attached detail drawing. (See Drawings A-03 to A-04.)
2. **Customer Premises:** Licensee's service drop into customer premises shall be protected as required by the most current edition of the NEC.
3. **Communication Cables:** All Communications cables/wires not owned by Utility shall be attached within the Communications space that is located 40 inches below the lowest Utility conductors. (See Drawings A-01 through A-11.)
4. **Riser Installations:** All Licensee's Riser installations shall be in utility-approved conduit materials and placed on stand-off brackets. Ground wires may be attached directly to Pole. (See Drawings A-02 to A-04.)
5. **Tagging:** All Licensee's cables shall be identified with a band-type communications cable tag or other identification acceptable to Utility at each Attachment within twelve (12) inches of the Pole. The communications tag shall be consistent with communication industry standards and shall include at least the following: Licensee name, emergency contact number, and cable type. At the discretion of Utility, Tags shall be color-coded to permit identification of Attaching Entity by observation from the ground.

F. Utility Construction Drawings and Specifications

1. Refer to the attached Utility Construction Drawings, and obtain additional construction specifications from Utility in accordance with its requirements.

2. Apply the Utility's construction drawings and specifications in accordance with the NESC, NEC, and any other federal, state, or local code requirements.

APPENDIX E - Distribution Line Minimum Design Review Information and Suggested Worksheet

The following guidelines are provided, and corresponding information must be submitted with each Permit application for Pole Attachments on Utility's system. Utility may direct that certain Attachments do not require the submittal of Design Review Information. These Attachments are noted at the end of this section.

Each Permit application must include a report from a professional engineer registered to practice in the State of Oklahoma, and experienced in electric utility system design, or a utility-approved employee or contractor of Licensee. This report must clearly identify the proposed construction and must verify that the Attachments proposed will maintain Utility's compliance with NESC Class B construction for the loading district as outlined in the NESC Section 25.

Utility may or may not require that all of the following information be submitted at the time of the Permit application. The applicant shall have performed all required calculations and be ready to provide the detailed information below within fifteen (15) calendar days of notice. Applicant shall keep copies of the engineering data available for a period of twenty (20) years.

In determining compliance, the following minimum conditions shall be used in the calculations for pole strength:

1. All single-phase lines shall be assumed to have been reconductored to 477 ACSR 26/7, code name Hawk conductor for both phase and neutral. If a larger conductor size exists, the larger size shall be used in the calculations.
2. All three-phase lines shall be assumed to have been to 477 ACSR 26/7, code name Hawk conductor for three (3) phases and neutral. If existing conductors are larger than 4/0 AWG ACSR, the larger size shall be used in the calculations.
3. All pole lines shall assume a secondary/service conductor, installed from pole to pole, of #4/0 AWG triplex cable, with an ACSR messenger.
4. For pole strength calculations, all poles shall be as they actually exist, or be considered Class 4 for calculations.
5. All line angles or dead ends shall be guyed and anchored. Transverse pole strength shall not be assigned to attaching pole users for line angles, *i.e.*, pole should be viewed as being void of other cables, conductors, wires, or guys and considering only the applicant's wires/cables for guying calculations.
6. Points of attachment shall be as they actually exist on the poles.

7. For a Utility-approved joint use of anchors, the Licensee shall utilize guy insulators in its guys.
8. Lessee shall comply with any NESC and/or Utility safety factors, whichever are more conservative, in their designs. The engineer for the Permit applicant shall provide for each application the following confirmations:

Required permits that have been obtained (insert n/a if not applicable):

- ☐ (y/n) U.S. Corp of Engineers.
- ☐ (y/n) Highway— state, county, city.
- ☐ (y/n) Railroad.
- ☐ (y/n) Local zoning boards, town boards, etc.
- ☐ (y/n) Joint-use permits, if required.
- ☐ (y/n) Notified other pole users of contacts or crossings.

Confirm that you have:

- ☐ (y/n) Obtained appropriate franchise(s).
- ☐ (y/n) Obtained pole/anchor easements from landowners.
- ☐ (y/n) Obtained crossing and overhang permits.
- ☐ (y/n) Obtained permit to survey R/W.
- ☐ (y/n) Completed State of Oklahoma Department of Transportation requirements.
- ☐ (y/n) Placed permit number on plans.
- ☐ (y/n) Complied with Underground Facility Location requirements.
- ☐ (y/n) Included sag/tension data on proposed cable.

Calculations are based upon the latest edition of the NESC and the latest editions of the requirements of the State of Oklahoma.

It is Licensee's responsibility to obtain all necessary permits and provide the Utility with a copy of each.

The engineer for the Permit applicant shall provide for each Pole(s) the following information:

Project ID _____

Pole number _____ [if pole tag missing, contact Utility]

Pole class _____ [existing—*i.e.*, 4, 3, 2...]

Pole size _____ [existing—*i.e.*, 35, 40...]

Pole type _____ [Southern Yellow Pine, Douglas Fir...]

Pole fore span _____ [feet]

Pole fore span direction _____ [degrees from Magnetic North]

Pole back span _____ [feet]

Pole back span direction _____ [degrees from Magnetic North]

Calculated bending

moment at ground level _____ [ft-lbs]

Existing:

Power phase condition _____ quantity of _____ AWG/MCM
_____ CU/AA/ACSR @ _____ feet above ground line

Power neutral condition _____ quantity of _____ AWG/MCM
_____ CU/AA/ACSR @ _____ feet above ground line

Power sec condition _____ quantity of _____ AWG/MCM
_____ CU/AA/ACSR @ _____ feet above ground line

Power service #1 _____ qty of _____ size @ _____ ft above ground line
@ _____ ° _____ ' _____ "

Power service #2 _____ qty of _____ size @ _____ ft above ground line
@ _____ ° _____ ' _____ "

Power service #3 _____ qty of _____ size @ _____ ft above ground line
@ _____ ° _____ ' _____ "

Telco #1 cables _____ qty of _____ dia @ _____ ft above ground line

Telco service #1 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

Telco service #2 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

CATV #2 cables _____ qty of _____ dia @ _____ ft above ground line

CATV service #1 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

CATV service #2 _____ qty of _____ size @ _____ ft above ground line

@ _____ ° _____ ' _____ "

User #3 cables _____ qty of _____ dia @ _____ ft above ground line

User #4 cables _____ qty of _____ dia @ _____ ft above ground line

User #5 cables _____ qty of _____ dia @ _____ ft above ground line

User #6 cables _____ qty of _____ dia @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Proposed:

Proposed cables _____ qty of _____ dia @ _____ ft above ground line

fore and back span direction _____ ° _____ ' _____ ", _____ ° _____ ' _____ "

Proposed cables _____ qty of _____ dia @ _____ ft above ground line

fore and back span direction _____ ° _____ ' _____ ", _____ ° _____ ' _____ "

Equipment #1 type _____ qty of _____ size @ _____ ft above ground line

Equipment #2 type _____ qty of _____ size @ _____ ft above ground line

AGL = Above Ground Level

The minimum vertical clearance under all loading conditions measured from the proposed cable to ground level on each conductor span shall be stated above. Variations in topography resulting in ground elevation changes shall be considered when stating the minimum vertical clearance within a given span.

Calculated pole bending moment at ground level: _____ [ft-lbs]

Pole breaking bending moment at ground level: _____ [ft-lbs]

Calculated transverse safety factor: _____ [ratio should be greater than 1.00]

Proposed loading data [provide similar data for each cable proposed]:

A. Weight data (cable and messenger)—

1. Vertical weight, bare = _____ [# / ft]

B. Tension data (final tensions on messenger)—

1. NESC maximum load for area of construction: _____ [lbs]

2. 60° F, NO wind: _____ [lbs]

Permit applicant's engineer shall provide for each transverse guy, or dead end to which guys and/or anchors are attached, the following information:

Pole number

Calculated cable messenger tension under

NESC maximum loading conditions _____ [lbs]

If connection is:

A dead end, is it a single or double? _____ [S, D]

A change in tension, what is change? _____ [lbs]

A line angle, what is angle change? _____ [degrees]

What is tension change at angle? _____ [lbs]

For each dead end:

Point of attachment for guy hook _____ [feet AGL]

Anchor distance from pole _____ [feet]

Calculated guy tension _____ [lbs]

Rated guy working strength _____ [lbs]

For each change in tension:

Point of attachment for guy hook _____ [feet AGL]

Anchor distance from pole _____ [feet]

Calculated guy tension _____ [lbs]

Rated guy working strength _____ [lbs]

For each line angle:

Point of attachment for guy hook _____ [feet AGL]

Anchor distance from pole _____ [feet]

Calculated guy tension _____ [lbs]

Rated guy working strength _____ [lbs]

For each anchor:

Anchor distance to nearest anchor _____ [feet]

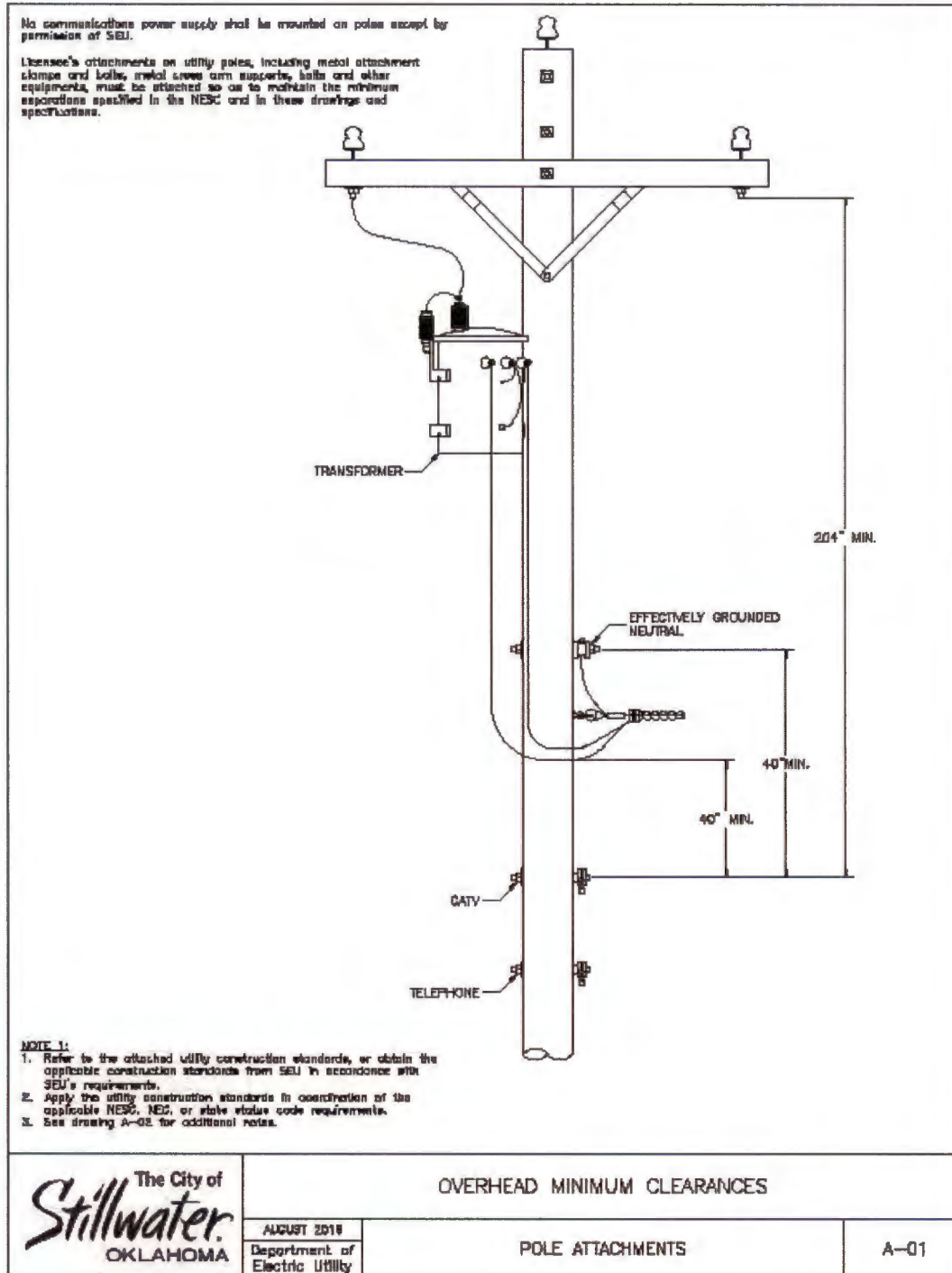
Calculated anchor tension _____ [lbs]

Rated anchor strength _____ [lbs]

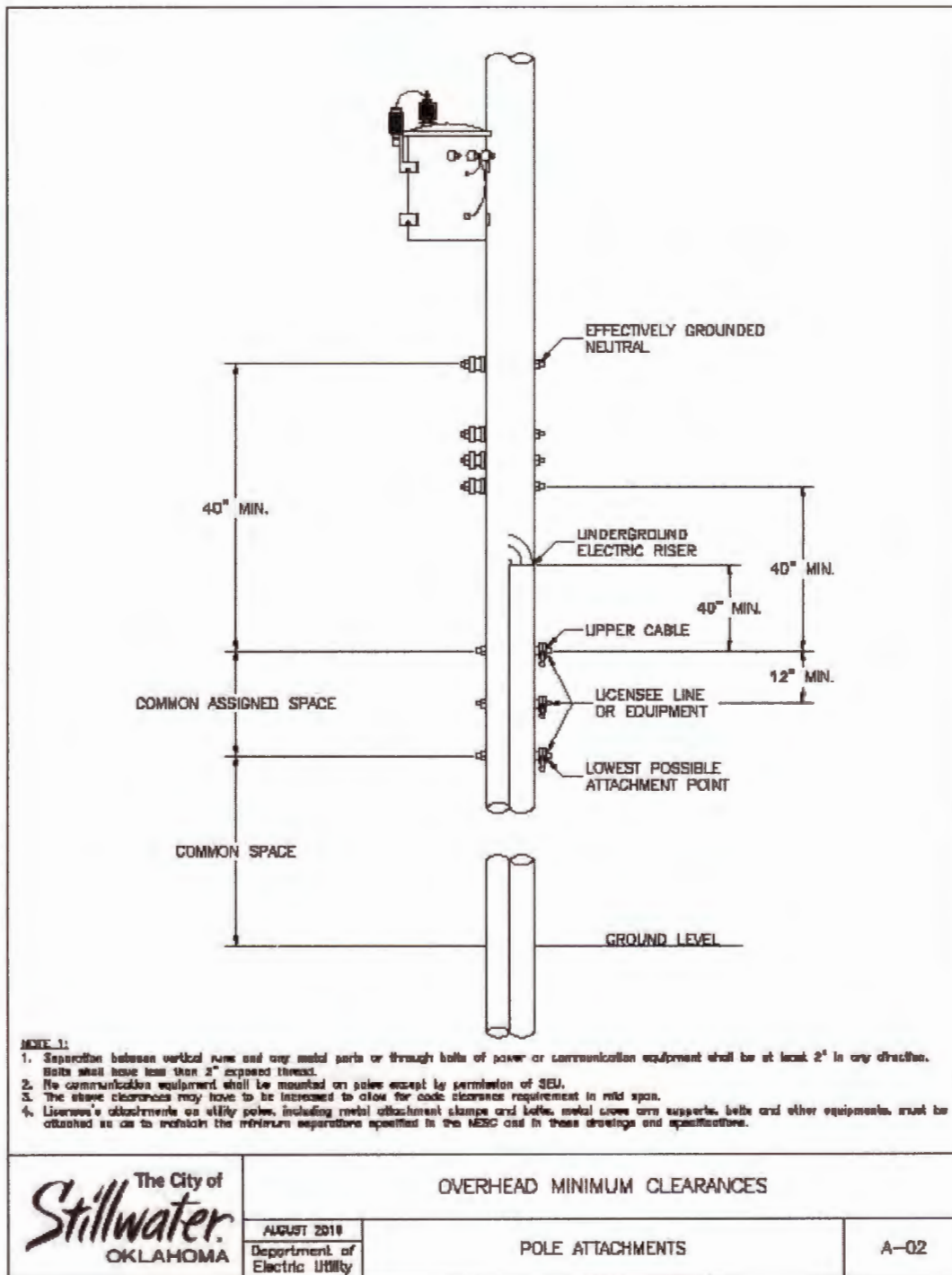
APPENDIX F - Field Data Summary Sheet Instructions

Column	Instructions
Utility Pole Number	If a Pole stencil is not in place, it may be left for Utility if the accompanying sketch is adequate to determine the Location.
Communication Company's	This must correspond with the plan sheet or
Plan Sheet Pole Number	Pole Sketch Pole identification number.
Pole Height and Class.....	List the present Pole height and class and list the proposed Pole height and class if it is necessary for Utility to replace the Pole for clearance, etc.
Guy Attachments.....	All unbalanced loading on Poles must be guyed. Attachments to Utility's anchors will not be allowed.
Attachment Height.....	Communications Company attachment height above ground level. List guy lead in feet.
Inches Below Utility	The number of inches Communications Company is to be attached below Utility while maintaining clearance as required in Item #4.
Span Length	List the back span length for each attachment.
Inches Sag.....	List the messenger sag for the design listed on the cover sheet at 60 degrees Fahrenheit.
Ground Clearance.....	List the ground clearance at the low point of the back span. Must not be less than the National Electrical Safety Code (latest edition).

Drawing A-01— Overhead Minimum Clearances



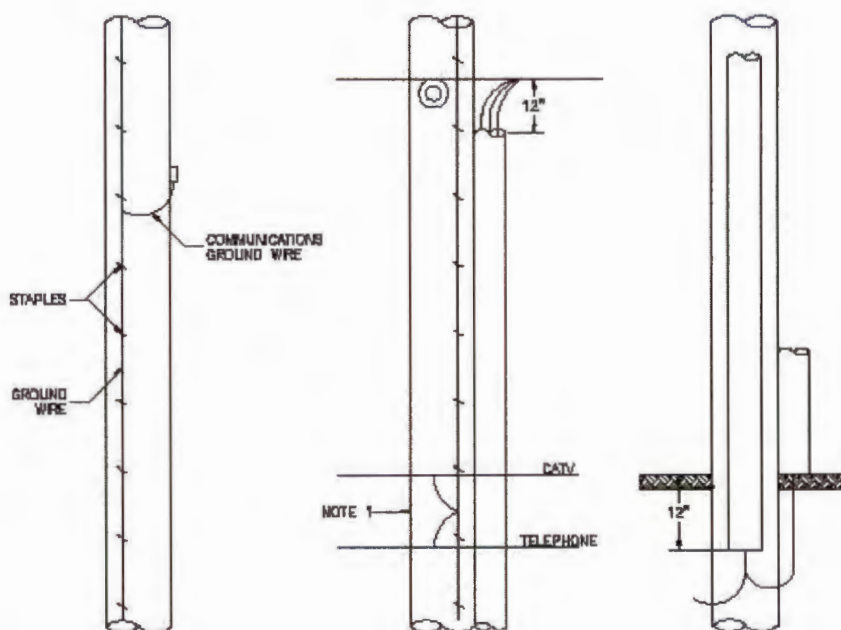
Drawing A-02 — Overhead Minimum Clearances



Drawing A-03 — Grounding Connections

No communications power supply shall be mounted on poles except by permission of SEU.

Licensee's attachments on utility poles, including metal attachment clamps and bolts, metal screw arm supports, bolts and other equipments, must be attached so as to maintain the minimum separations specified in the NESC and in these drawings and specifications.



NOTE 1:

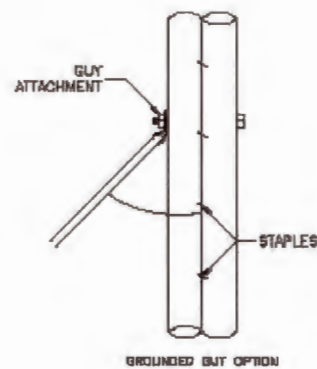
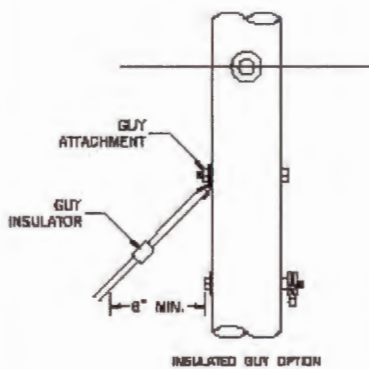
1. Licensee shall bond to utility pole ground whenever utility has a down ground on the pole. If the ground is under the metal U-guard, contact utility to make the ground connection.
2. If no pole ground exists install a pole down ground on the pole. Protect the pole ground with a ground wire wrapping. Top of ground rod shall be at least 6\" below grade.
3. Ground wire shall be #8 bare copper or larger. If bond wire is unsupported more than 12\" long, staple to pole.
4. When communications are underground, the power is overhead and it is required that the communications ground be interconnected to the power supply ground. The connection shall be made below grade.
5. In no case shall licensee ground be connected to guys/anchors.
6. If a neutral isolation device is installed on this pole the installer must contact SEU for special grounding instructions.
7. Licensee's messenger cable shall be bonded to SEU's pole ground wire at each pole that has a ground wire.

	GROUNDING CONNECTIONS		
	AUGUST 2019 Department of Electric Utility	POLE ATTACHMENTS	A-03

Drawing A-04 — Guy Wire Requirements

No communication power supply shall be mounted on poles except by permission of SEU.

Licensee's attachments on utility poles, including metal attachment clamps and bolts, metal cross arm supports, bolts and other equipments, must be attached so as to maintain the minimum separations specified in the NEC and in these drawings and specifications.



CONTACT SEU TO DETERMINE IF
GUYS ARE TO BE INSULATED OR
GROUNDED.

NOTE 1:

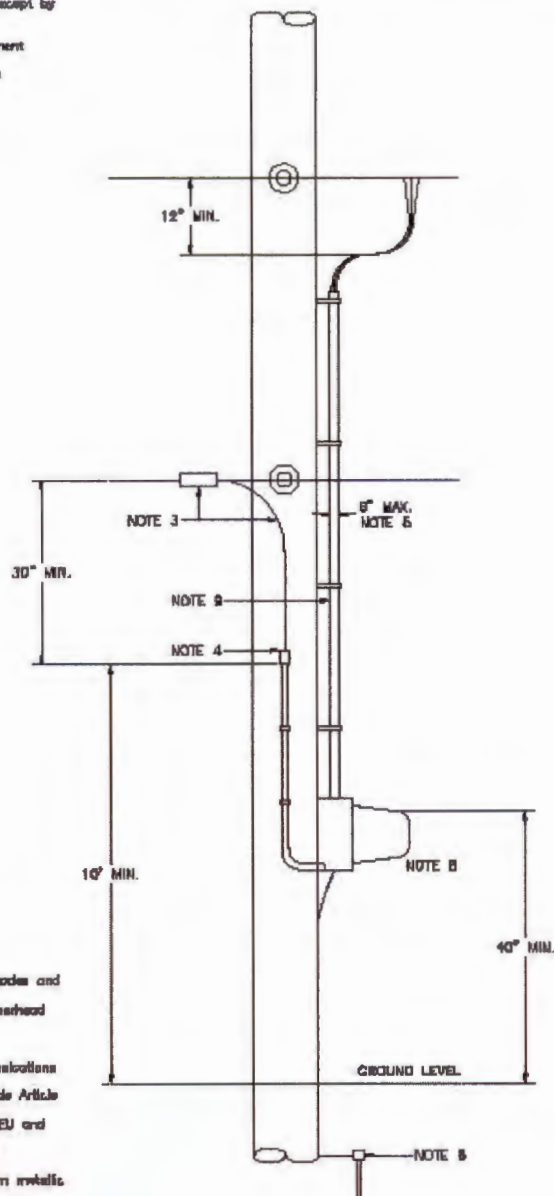
1. Licensee shall be responsible for procuring and installing all anchors and guy wires to support the additional wires placed on utility's poles license's attachments.
2. Anchors and guy wires must be set on each utility pole where there is a turn or angle and on all dead-end utility poles.
3. Licensee may not place guy wires on the anchors of SEU or third party user without prior written consent of all attaching parties and anchor owners.
4. No attachment may be installed on a utility pole until all required guys and anchors are installed. Nor may any attachment be modified or relocated in such a way as will materially increase the stress or loading on utility poles until all required guys and anchors are installed.
5. Licensee's down guys shall not be banded to ground or neutral wires or SEU's pole and shall not provide a current path to ground from the pole ground or power system neutral. If permitted or required by SEU, grounded guys should be installed.
6. On jointly used structures, guys that pass within 12" of supply conductors, and also pass within 12" of communication cables, shall be protected with a suitable insulating covering where the guy passes the supply conductors, unless the guy is effectively grounded or insulated with a strain insulator at a point below the lowest supply conductor and above the highest communication cable.

	GUY WIRE REQUIREMENTS		
	AUGUST 2018	POLE ATTACHMENTS	A-04
	Department of Electric Utility		

Drawing A-05 — Power Service

No communications power supply shall be mounted on poles except by permission of SEU.

Licensee's attachments on utility poles, including metal attachment clamps and bolts, metal cross arm supports, bolts and other equipments, must be attached so as to maintain the minimum separations specified in the NESC and in these drawings and specifications.

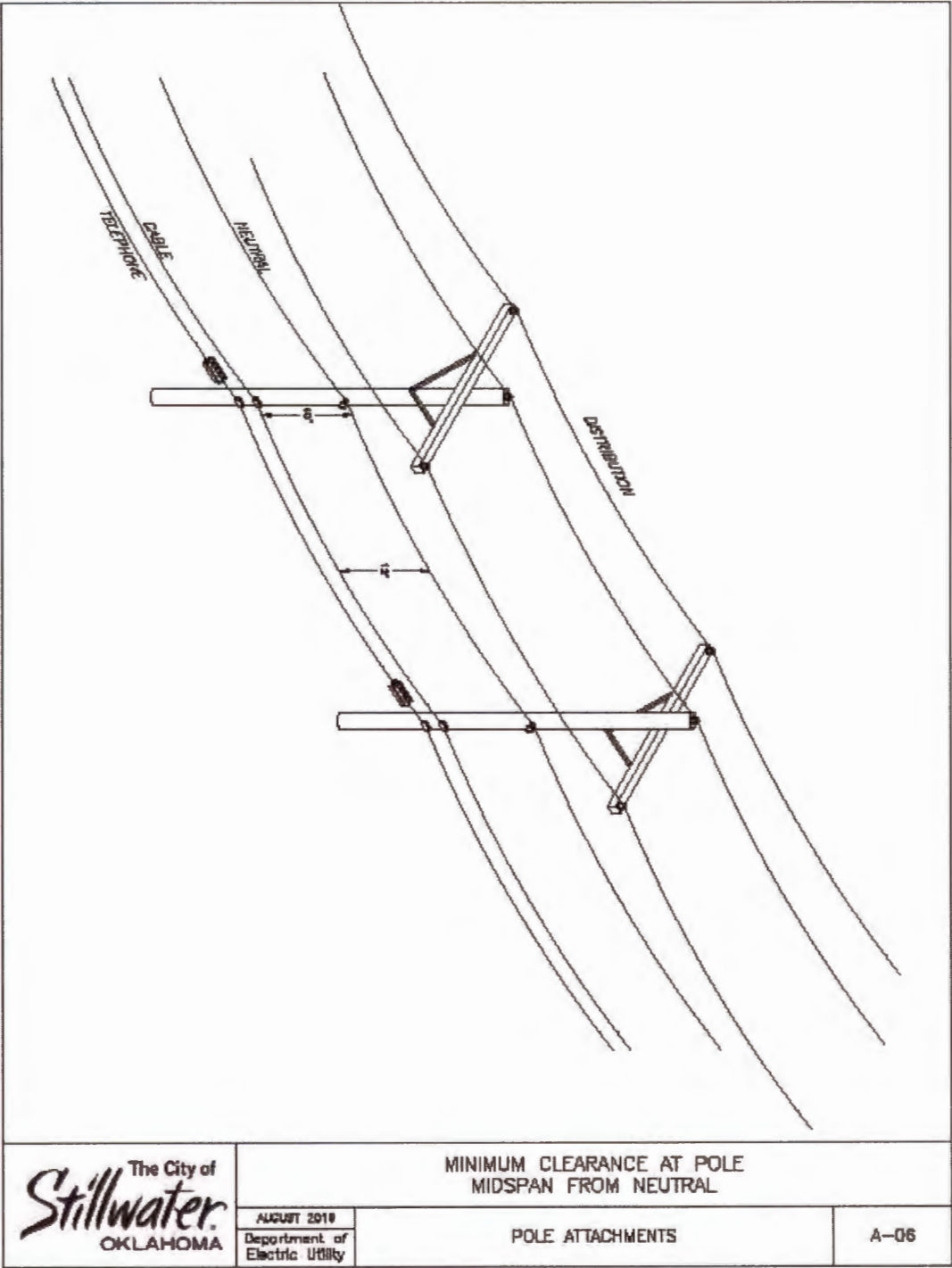


NOTE 1:

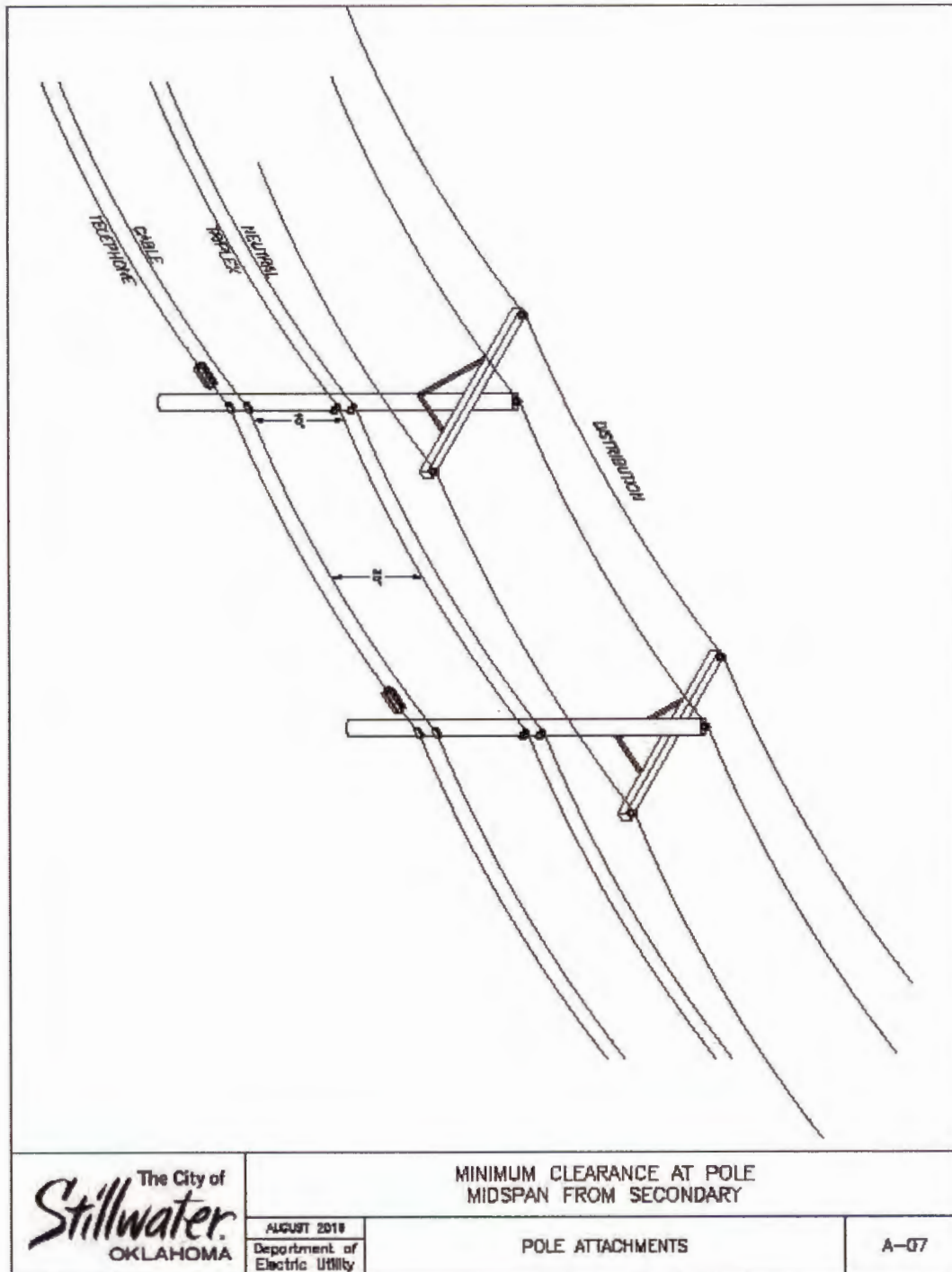
1. This installation shall comply with all applicable electrical codes and state, city, village, town, and SEU requirements.
2. Service entrance conductors shall extend 30" beyond weatherhead and have 600 volt rated insulation.
3. Communication power supply cable.
4. Communication power supply.
5. 6" maximum between service entrance conduit and communications cable, if possible.
6. Grounding shall be in accordance with National Electric Code Article 250. Top of rod to be 6" below grade.
7. Location of all licensee equipment is to be approved by SEU and shall be relocated by licensee if incorrect.
8. Proof of compliance shall be appropriately certified. Install disconnect and overcurrent protection with meter.
9. All wires on poles will be placed in rigid steel or aluminum metallic conduit on the quarter back of the pole.
10. This service detail applies to all commercial users requiring power for pole mounted devices.

	POWER SERVICE		
	AUGUST 2018	POLE ATTACHMENTS	A-05
	Department of Electric Utility		

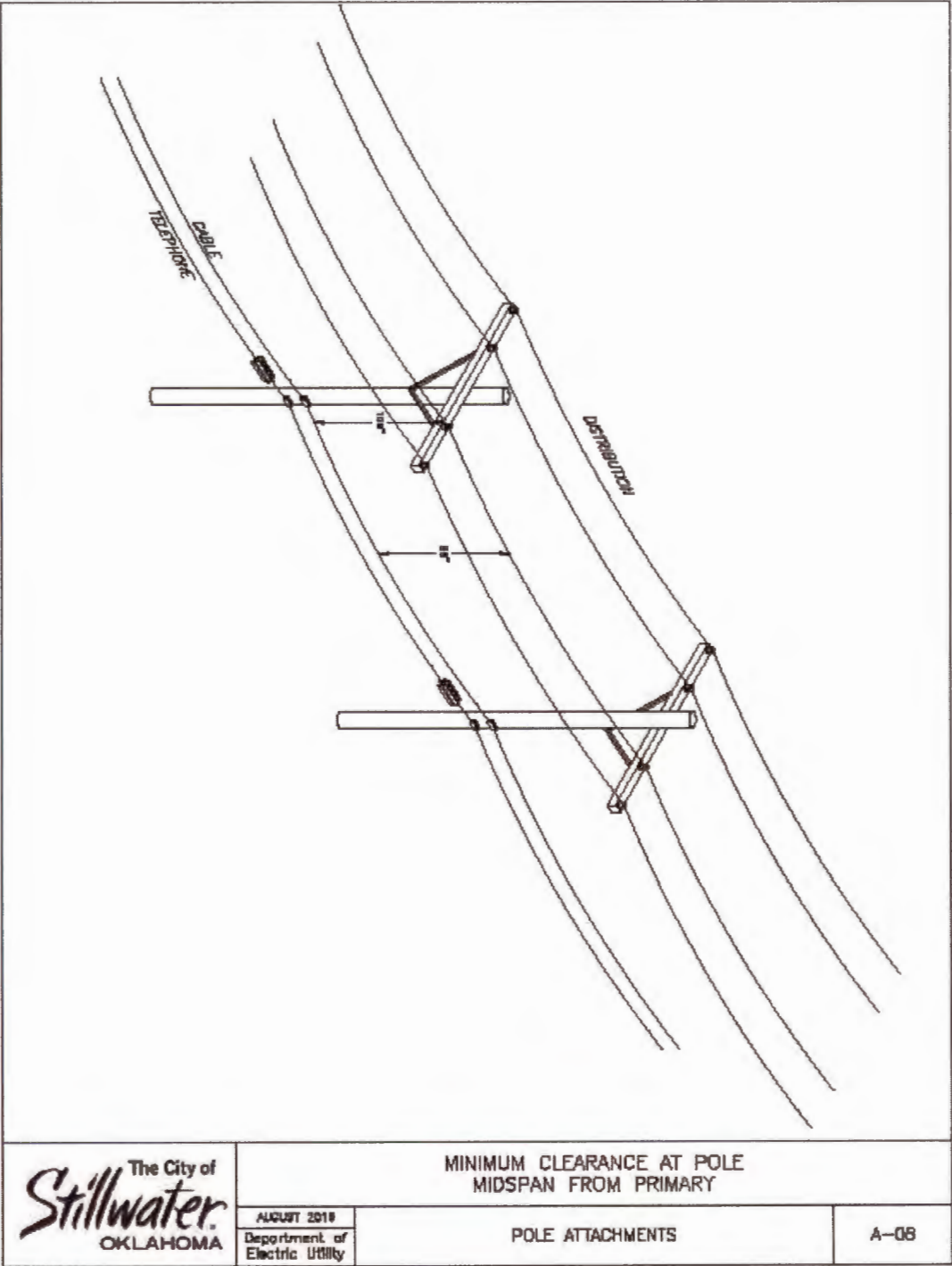
Drawing A-06 — Minimum Clearance at Pole/Midspan from Neutral



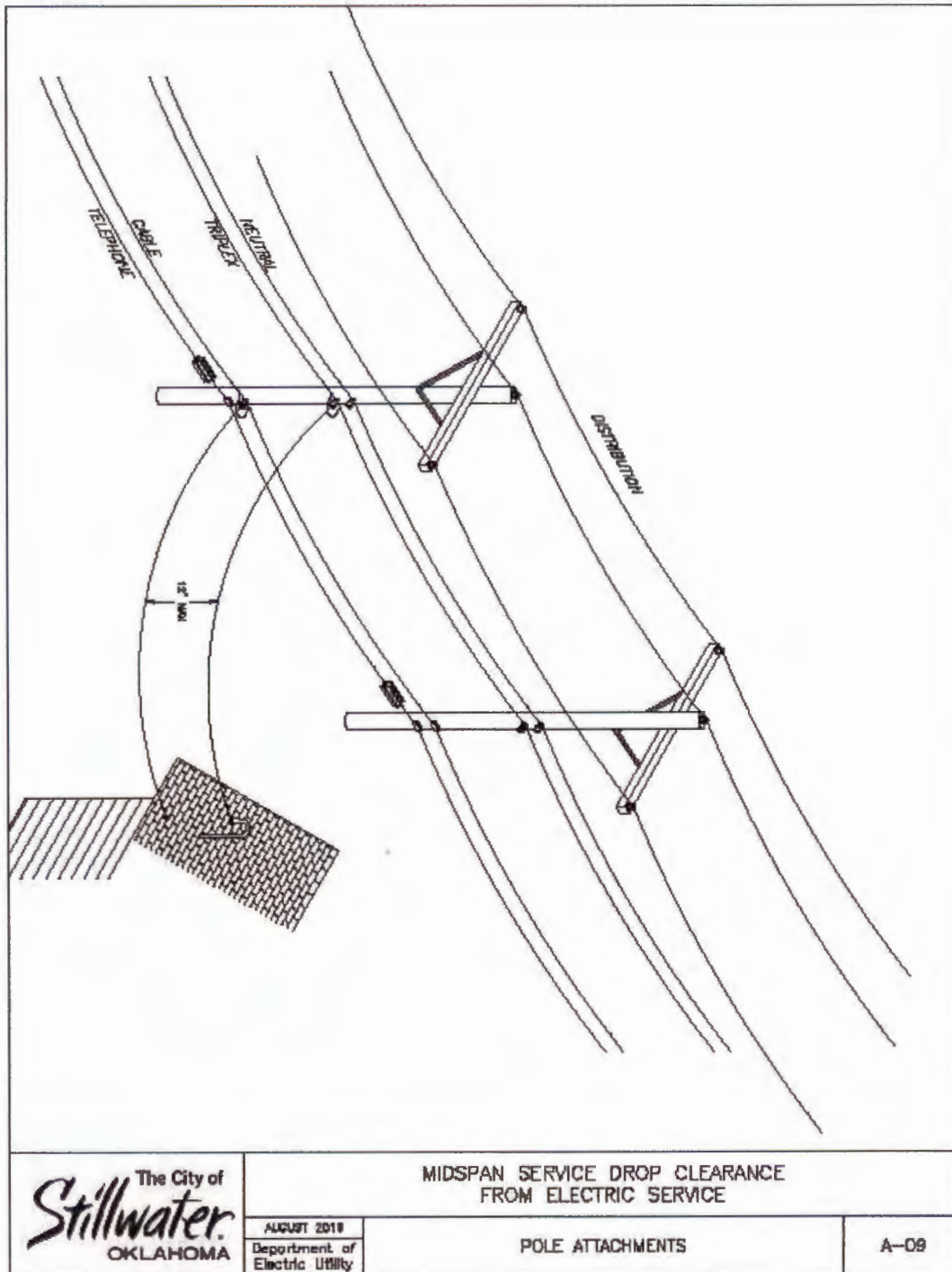
Drawing A-07 — Minimum Clearance at Pole/Midspan from Secondary



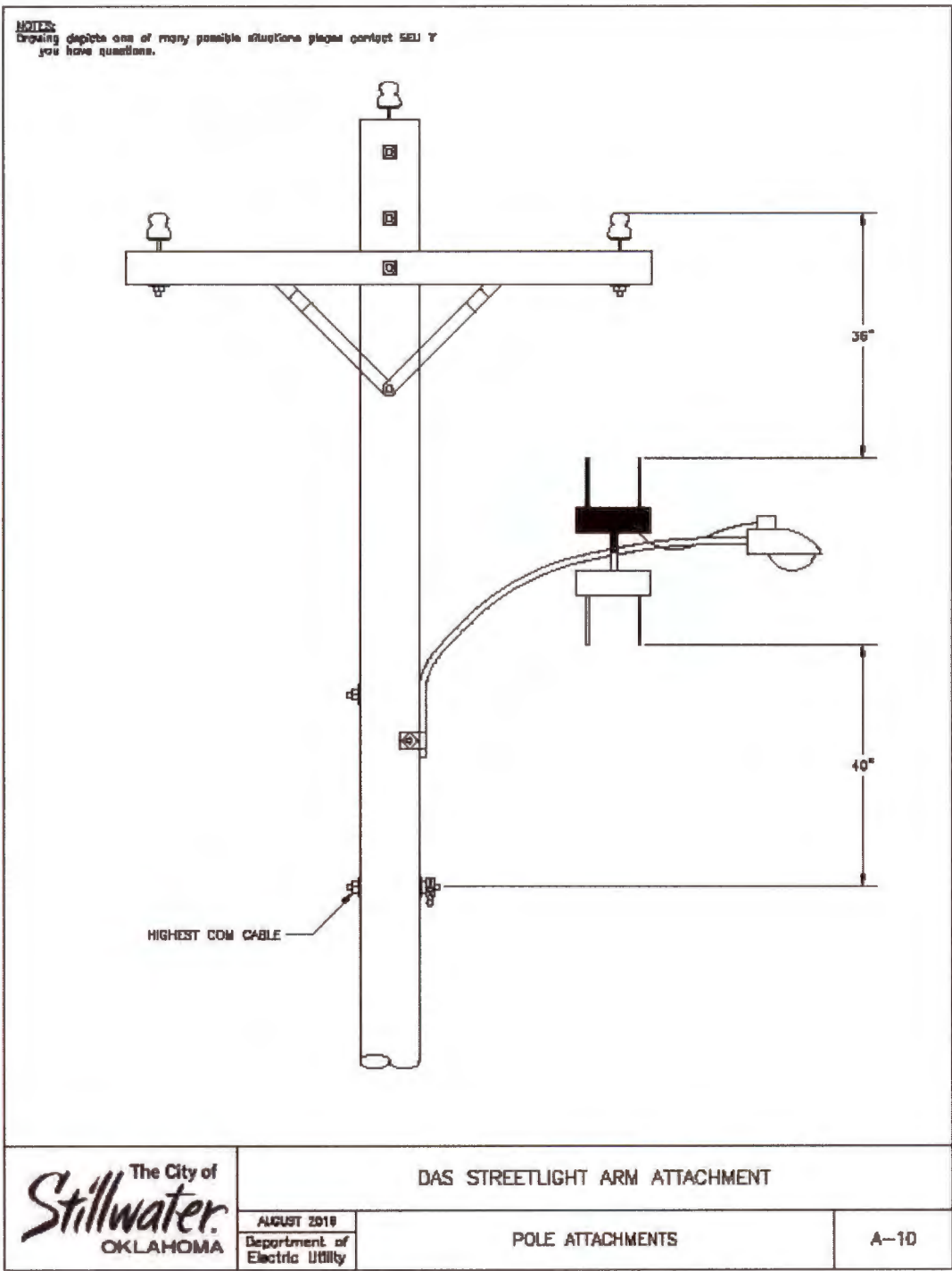
Drawing A-08 — Minimum Clearance at Pole/Midspan from Primary



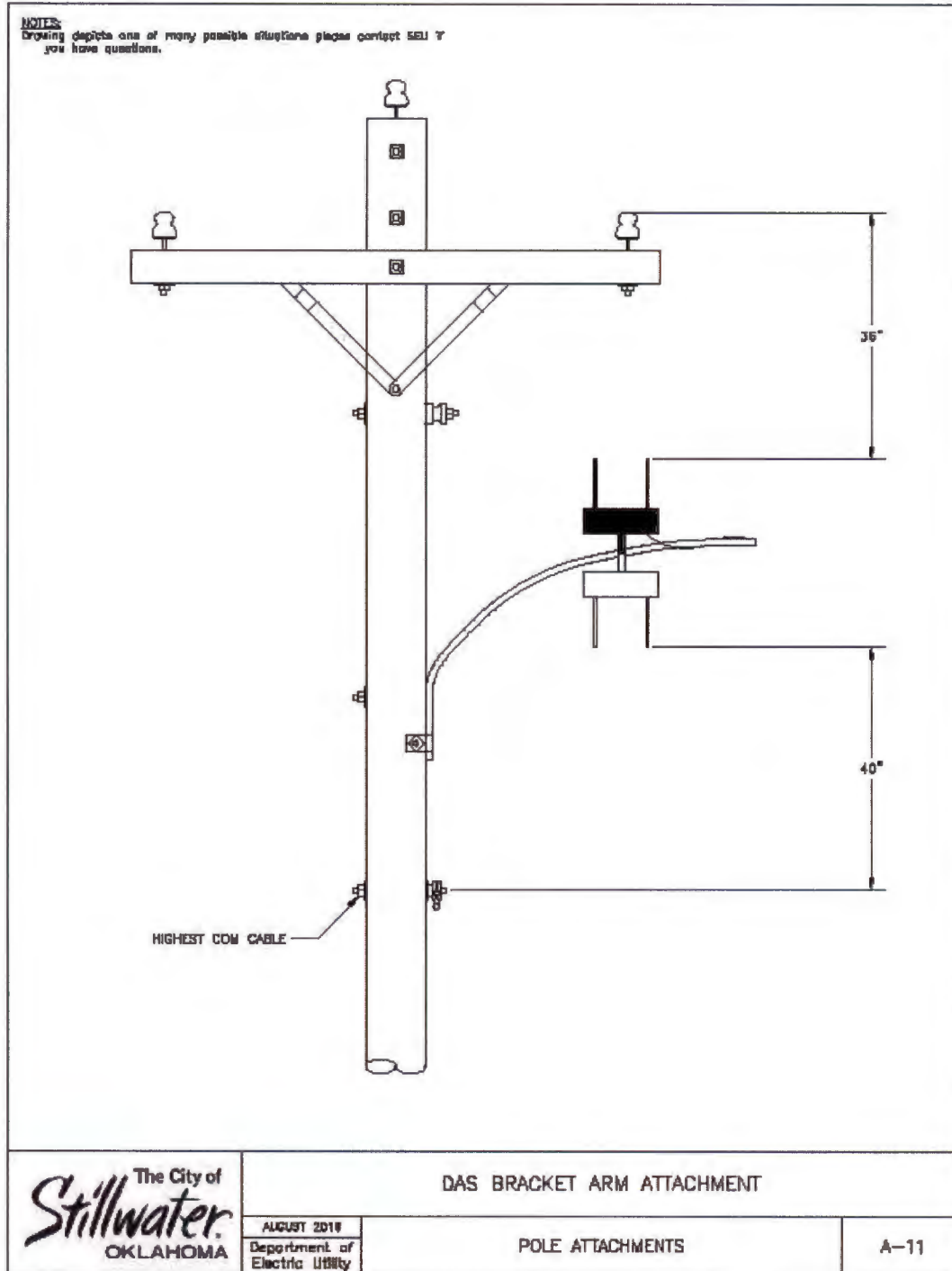
Drawing A-09 — Midspan Service Drop Clearance from Electric Service



Drawing A-10 — DAS Streetlight Arm Attachment



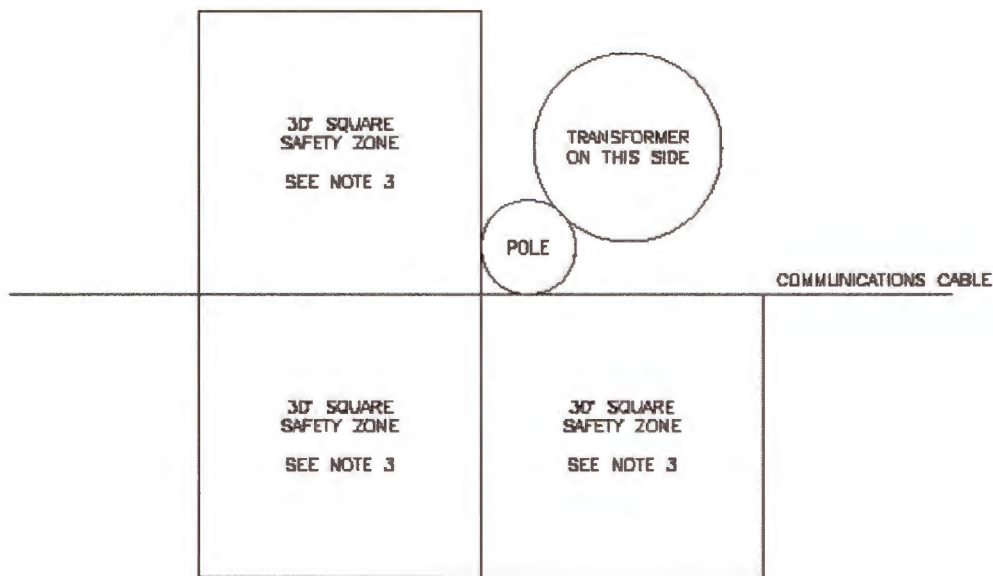
Drawing A-11 — DAS Bracket Arm Attachment



Drawing A-12 — Climbing Space Requirements

No communications power supply shall be mounted on poles except by permission of SEU.

Licensee's attachments on utility poles, including metal attachment clamps and bolts, metal cross arm supports, bolts and other equipments, must be attached so as to maintain the minimum separations specified in the NESC and in these drawings and specifications.



NOTE 1:

1. For new cable installations locate cable on the same side of the pole as SEU's lowest conductor.
2. Standoff brackets to mount cable to pole are not allowed without approval of SEU.
3. Climbing and workspace through the communication spaces shall extend from 48" below the lowest communication cable to the top of the pole.
4. On transformer poles the communication service drops shall be located so that they originate from the messenger on the side of the pole opposite the transformer.
5. Minimum clearances for climbing and working space shall be followed as per NESC Section 236.

	CLIMBING SPACE REQUIREMENTS		
	AUGUST 2018 Department of Electric Utility	POLE ATTACHMENTS	A-12

POLE ATTACHMENT BOND

Bond No.: 800150436

KNOW ALL MEN BY THESE PRESENTS,

THAT Clarity Telecom, LLC dba Bluepeak, as Principal, and Atlantic Specialty Insurance Company, having its executive office in 605 Highway 169 North, Suite 800 Plymouth, MN 55441, as Surety, are held and firmly bound unto Stillwater Utilities Authority 411 E 3rd Avenue, Stillwater, OK 74074, hereinafter referred to as Obligee, in the penal sum of Forty Three Thousand Sixty Eight Dollars and 00/100 DOLLARS (\$43,068.00) for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, the liability of the Surety being limited to said penal sum regardless of the number of years this bond remains in force or is renewed, of the number of premiums that shall be payable or paid, the number of Subscribers to the system and/or legal fees which may be required and incurred.

WHEREAS, Principal has entered into a written agreement with the Obligee for the use of its poles in connection with the furnishing of telecommunications services, which agreement sets forth the terms and conditions which govern the use of such poles, which agreement is hereby specifically referred to and made part hereof, with like force and effect as if herein at length set forth.

NOW THEREFORE, the condition of this obligation is such, that if the above bound Principal shall perform in accordance with the aforesaid agreement, then this obligation shall be void, otherwise to remain in full force and effect unless cancelled or terminated as set forth below.

This bond may be terminated or cancelled by Surety by giving thirty (30) days prior notice in writing from Surety to Principal and said Obligee, such notice to be given by certified mail. Such termination or cancellation shall not affect any liability incurred or accrued under this Bond prior to the effective date of such termination or cancellation.

AND PROVIDED FURTHER that no action, suit or proceeding shall be had or maintained against the Surety on this instrument unless the same be brought or instituted and process served upon the Surety within twelve months after cancellation of this bond as set forth in the preceding paragraph.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this 11th day of July, 2024.

WITNESS:

[Signature]
NAME

Location:
BP Stillwater_Z1_DA35_AER (111 Poles)
_POLATT24-0013

CYNTHIA J BISHOP
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 19964011400
MY COMMISSION EXPIRES JANUARY 9, 2028

Clarity Telecom, LLC dba Bluepeak
PRINCIPAL
BY: [Signature]
TITLE

Atlantic Specialty Insurance Company
SURETY
BY: [Signature]
Michelle Deligne, Attorney-in-Fact





Power of Attorney

Surety Bond No: 800150436

Principal: Clarity Telecom, LLC dba Bluepeak
Obligee: Stillwater Utilities Authority

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: Michelle Deligne, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: sixty million dollars (\$60,000,000) and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

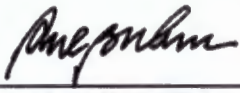
This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

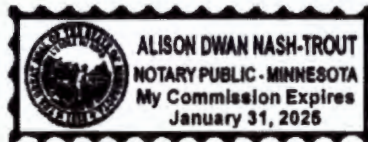
IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this fifth day of March, 2020.

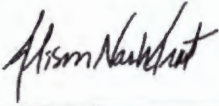


STATE OF MINNESOTA
HENNEPIN COUNTY

By 
Paul J. Brehm, Senior Vice President

On this fifth day of March, 2020, before me personally came Paul J. Brehm, Senior Vice President of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, that he is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.

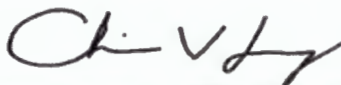



Notary Public

I, the undersigned, Assistant Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 11th day of July, 2024.




Christopher V. Jerry, Secretary

REPORT TO: STILLWATER UTILITIES AUTHORITY**MEETING DATE: AUGUST 5, 2024**

Agenda Item:	2.c. SUA-24-45
Previous/Related Action:	N/A
Background/Issue:	Unit #287, a 2005 Ford F250, assigned to Stillwater Electric Utility's Generation & Transmission division, has reached the end of its service life and is due to be replaced in FY25. Unit #260, a 2012 Chevy 1500, assigned to Stillwater Electric Utility's Distribution division, has reached the end of its service life and is due to be replaced in FY25.
Proposal/Solution:	The cost of replacement of Unit #287 is less than \$49,750 and will be approved administratively. The cost of replacement of Unit #260 is less than \$49,750 and will be approved administratively. Staff is seeking approval of a budget amendment appropriating the necessary funding from the Rate Stabilization Fund (RSF) for the purchase of two vehicles.
Financial Source/Impact:	Funds for this purchase are available and will be appropriated from the Rate Stabilization Fund with approval of the attached budget amendment.
Related Strategic Priority:	#1 EFFECTIVE SERVICES & ACCOUNTABLE GOVERNMENT #3 SAFE COMMUNITY
Recommended Action/Motion:	Motion to approve a budget amendment appropriating \$99,500 from the RSF for the purchase of two new vehicles for the Electric Department.
Prepared By:	Loren Smith, Electric Utility Dir.
Reviewed By:	Loren Smith Teresa Kadavy
Submitted By:	Kimberly Meek, General Manager

Attachments

1. EL - Electric Department Trucks - 8.5.2024 - Expenditure

Budget Amendment Request
For Budget Year _____

Department of Finance
723 S. Lewis Street/P.O. Box 1449
Stillwater, OK 74076-1449

Office: 405.372.0025
Web: stillwater.org

Date: _____

Department: _____

Requested by: _____

Explanation:

Account Name	Account Number (xxxxxxx-xxxxx)	Project Number	Current Budget Amount	Amount of Change	New Budget Amount
Increase:	-				
	-				
	-				
	-				
	-				
Decrease:	-				
	-				
	-				
	-				
	-				

Net Change: (will usually result in a total increase or decrease)

Reviewed by Department Manager: Lo Smith

Date: _____

Reviewed by Finance: _____

Date: _____

Approved by CMO: _____

Date: _____

Approved by City Council: ☐ Yes ☐ No

Date: _____

Processed by Finance: _____

Date: _____

Set ID: _____

Date Sent to SA&I: _____

--Print on Yellow Paper--

REPORT TO: STILLWATER UTILITIES AUTHORITY

MEETING DATE: AUGUST 5, 2024



Agenda Item:	2.d. SUA-44-46
Previous/Related Action:	N/A
Background/Issue:	The Stillwater Electric Utility (SEU) is committed to finding innovative ways to support electric conservation and support sustainability efforts in our community. Based on internal research, home energy audits seem to be the most appealing incentive to customers. Our research indicated that across multiple utilities, this is the one incentive customers participate in by a large margin and is provided at no cost to the end-use customer. Funding such a program has been a hurdle for the SEU to overcome in the past. Preliminary estimates are that the program could potentially cost approximately \$32,500 annually.
Proposal/Solution:	To gauge interest, staff is planning to create a pilot home energy audit program. Staff will work with a professional certified contractor to perform the services for our customers and will be billed \$325 per inspection. Our customers will simply sign up and schedule the audits with the contractor on our website. This inspection service will be provided at no cost to our customers. The home energy audit will involve a blower door test, inspection of insulation in the attic, evaluation of the HVAC system and ductwork, and inspection of windows to name a few items. As part of the audit, the contractor prepares a report for the customer. The report highlights areas of energy loss and recommends solutions. The contractor will sit down with the

	customer and discuss the findings. The Grand River Dam Authority (GRDA) has approved sponsorship funding up to \$15,000 for the pilot program which is part of the proposed action for this report. This will allow up to 46 audits and let staff evaluate the popularity and viability of funding this service in the future.
Financial Source/Impact:	GRDA sponsorship grant funds of \$15,000 will pay for the pilot program. Future funding will be evaluated after the pilot.
Related Strategic Priority:	#2 MOTIVATED MANAGEMENT #1 EFFECTIVE SERVICES & ACCOUNTABLE GOVERNMENT
Recommended Action/Motion:	Approve budget amendments reflecting revenue and expenditure of sponsorship grant funds from Grand River Dam Authority totaling \$15,000 for a pilot home energy audit program.
Prepared By:	Loren Smith, Electric Utility Dir.
Reviewed By:	Loren Smith Teresa Kadavy
Submitted By:	Kimberly Meek, General Manager

Attachments

1. EL - Home Energy Audit - 8.5.2024 - Expenditure
2. EL - Home Energy Audit - 8.5.2024 - Revenue

Budget Amendment Request
For Budget Year _____

Department of Finance
723 S. Lewis Street/P.O. Box 1449
Stillwater, OK 74076-1449

Office: 405.372.0025
Web: stillwater.org

Date: _____

Department: _____

Requested by: _____

Explanation:

Increase:

Account Name	Account Number (xxxxxxx-xxxxx)	Project Number	Current Budget Amount	Amount of Change	New Budget Amount
	-				
	-				
	-				
	-				
	-				

Decrease:

	-				
	-				
	-				
	-				
	-				

Net Change: (will usually result in a total increase or decrease)

Reviewed by Department Manager: Lo Smith

Date: _____

Reviewed by Finance: _____

Date: _____

Approved by CMO: _____

Date: _____

Approved by City Council: ☐ Yes ☐ No

Date: _____

Processed by Finance: _____

Date: _____

Set ID: _____

Date Sent to SA&I: _____

--Print on Yellow Paper--

Budget Amendment Request
For Budget Year _____

Department of Finance
723 S. Lewis Street/P.O. Box 1449
Stillwater, OK 74076-1449

Office: 405.372.0025
Web: stillwater.org

Date: _____

Department: _____

Requested by: _____

Explanation:

Increase:

Account Name	Account Number (xxxxxxx-xxxxx)	Project Number	Current Budget Amount	Amount of Change	New Budget Amount
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	-				
	-				
	-				

Decrease:

	-				
	-				
	-				
	-				
	-				

Net Change: (will usually result in a total increase or decrease)

Reviewed by Department Manager: Lo Smith

Date: _____

Reviewed by Finance: _____

Date: _____

Approved by CMO: _____

Date: _____

Approved by City Council: ☐ Yes ☐ No

Date: _____

Processed by Finance: _____

Date: _____

Set ID: _____

Date Sent to SA&I: _____

--Print on Yellow Paper--

REPORT TO: STILLWATER UTILITIES AUTHORITY

MEETING DATE: AUGUST 5, 2024



Agenda Item:	5.a. SUA-44-47
Previous/Related Action:	N/A
Background/Issue:	Supervisory Control and Data Acquisition (SCADA) is the software, hardware and programming system that controls, monitors, tracks, automates and reports the operations and functions of a particular system. Some of the City's Water Utilities operations and functions are associated with SCADA, while others are not. The current system is old, antiquated, unstable, and difficult to maintain. For both the water and sewer utilities, standardization and consistency are important for these complicated SCADA systems. For the Water System, major projects are ongoing for the WTP, water supply system and distribution water quality enhancements. For the Wastewater System, SCADA will allow for remote operation of the WWTP, reduce callouts to lift stations and improve the accuracy of the collection system model. With these projects and needs, it is imperative that the City have a SCADA Master Plan prepared.
Proposal/Solution:	Through a qualifications-based proposal and selection process conducted in March and April 2024, Engineering and Water Utilities staff selected Carollo Engineers, Inc. (Carollo) to prepare a SCADA Master Plan. Staff has negotiated a professional services agreement (PSA) with Carollo to include the following: • Develop a vision for the SCADA system; • Assess the current state of the SCADA system; • Develop plans for hardware and software upgrades; • Establish priorities and costs for improvements; • Develop templates for specifications and standards; • Develop a list of recommended SCADA system projects and initiatives; and • Document the overall SCADA Master Plan. The scheduled completion date for the scope of services is May 2025 with an accelerated schedule for elements impacting the

	FWPS and WTP Chemical Projects.
Financial Source/Impact:	The Water Fund has sufficient funds for this request.
Related Strategic Priority:	#1 EFFECTIVE SERVICES & ACCOUNTABLE GOVERNMENT #4 CONNECTED SPACES
Recommended Action/Motion:	Staff recommends that Trustees: • Authorize the General Manager to execute the PSA with Carollo; • Authorize total project expenditures not-to-exceed \$694,300 which includes a 10% contingency; and • Approve the related budget amendment.
Prepared By:	Chris Humes
Reviewed By:	Candy Staring Brady Moore Teresa Kadavy
Submitted By:	Kimberly Meek, General Manager

Attachments

1. Engineering - SCADA MP - 8.5.2024 - Expenditure
2. 2024-07-18-Clean-Carollo Agreement-E-500-2008a 01_Executed

Budget Amendment Request

For Budget Year _____

Department of Finance
723 S. Lewis Street/P.O. Box 1449
Stillwater, OK 74076-1449

Office: 405.372.0025
Web: stillwater.org

Date: _____

Department: _____

Requested by: _____

Explanation:

Account Name	Account Number (xxxxxxx-xxxxx)	Project Number	Current Budget Amount	Amount of Change	New Budget Amount
Increase:	-				
	-				
	-				
	-				
	-				
Decrease:	-				
	-				
	-				
	-				
	-				

Net Change: (will usually result in a total increase or decrease)

Reviewed by Department Manager: _____

Date: _____

Reviewed by Finance: _____

Date: _____

Approved by CMO: _____

Date: _____

Approved by City Council: ☐ Yes

☐ No

Date: _____

Processed by Finance: _____

Date: _____

Set ID: _____

Date Sent to SA&I: _____

--Print on Yellow Paper--

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the Controlling Laws and Regulations.

SCADA Master Plan

Owner: Stillwater Utilities Authority

Engineer: Carollo Engineers, Inc.

Project #: 24WP01

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

Prepared by

ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE



and

Issued and Published Jointly

by



This Agreement has been prepared for use with the Standard General Conditions of the Construction Contract (EJCDC C-700, 2007 Edition). Their provisions are interrelated, and a change in one may necessitate a change in the other. For guidance on the completion and use of this Agreement, see EJCDC User's Guide to the Owner-Engineer Agreement, EJCDC E-001, 2009 Edition.

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1420 King Street, Alexandria, VA 22314-2794
(703) 684-2882
www.nspe.org

American Council of Engineering Companies
1015 15th Street N.W., Washington, DC 20005
(202) 347-7474
www.acec.org

American Society of Civil Engineers
1801 Alexander Bell Drive, Reston, VA 20191-4400
(800) 548-2723
www.asce.org

Associated General Contractors of America
2300 Wilson Boulevard, Suite 400, Arlington, VA 22201-3308
(703) 548-3118
www.agc.org

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This document has been licensed for use (including modifications) by the City of Stillwater, Oklahoma/Stillwater Utilities Authority. Deletions are indicated with strikethrough text (ex: ~~deletion~~) and insertions are indicated by underlined text (ex: insertion) Engineer shall not use or modify EJCDC documents without purchase/license/permission from EJCDC.

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ENGINEERS JOINT CONTRACT
DOCUMENTS COMMITTEE

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

THIS IS AN AGREEMENT effective as of _____, 20____ ("Effective Date") between

City of Stillwater, Oklahoma/Stillwater Utilities Authority ("Owner") and

Carollo Engineers, Inc. ("Engineer").

Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as follows:

City of Stillwater SCADA Master Plan, Project 24WP01

Engineer's services under this Agreement are generally identified as follows:

Preparation of a Master Plan for Supervisory Control and Data Acquisition (SCADA) containing prioritized recommended of projects, budgetary planning level costs, and implementation timeline associated with the improvements/upgrade of the SCADA facilities for the City of Stillwater Water supply, treatment, and distribution system, and City of Stillwater Wastewater collection and treatment system.

Owner and Engineer further agree as follows:

ARTICLE 1 – SERVICES OF ENGINEER

1.01 *Scope*

- A. Engineer shall provide, or cause to be provided, the services set forth herein and in Exhibit A.

ARTICLE 2 – OWNER'S RESPONSIBILITIES

2.01 *General*

- A. Owner shall have the responsibilities set forth herein and in Exhibit B.

- B. Owner shall pay Engineer as set forth in Exhibit C.
- C. Owner shall be responsible for, and Engineer may rely upon, the accuracy and completeness of all requirements, programs, instructions, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement. Engineer may use such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement.

ARTICLE 3 – SCHEDULE FOR RENDERING SERVICES

3.01 Commencement

- A. Engineer is authorized to begin rendering services as of the ~~Effective Date~~ written Notice to Proceed as provided by the Owner.

3.02 Time for Completion

- A. Engineer shall complete its obligations within a reasonable time. Specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided in Exhibit A, and are hereby agreed to be reasonable.
- B. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, ~~shall may~~ be adjusted equitably based on the schedules provided in Exhibit C.
- C. If Owner authorizes changes in the scope, extent, or character of the Project, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, ~~shall may~~ be adjusted equitably based on the schedules provided in Exhibit C.
- D. Owner shall make decisions and carry out its other responsibilities in a timely manner so as not to delay the Engineer's performance of its services.
- E. If Engineer fails, through its own fault, to complete the performance of any task required in this Agreement within the time set forth, as duly adjusted, then ~~Engineer shall credit Owner \$100.00/calendar day until said task is completed~~, shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure.

ARTICLE 4 – INVOICES AND PAYMENTS

4.01 Invoices

- A. *Preparation and Submittal of Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and the terms of Exhibit C. Engineer ~~shall may~~ submit its invoices to Owner on a monthly basis. Invoices are due and payable within 30 days of receipt.

4.02 *Payments*

- A. *Application to Interest and Principal:* Payment will be credited first to any interest owed to Engineer and then to principal.
- B. *Failure to Pay:* If Owner fails to make any payment due Engineer for services and expenses within 30 days after receipt of Engineer's invoice, then:
 - 1. ~~amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day; and~~
 - ~~1.2. itted by law, if less) from said thirtieth day; and~~
 - 2.3. Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement until Owner has paid in full all amounts due for services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- C. *Disputed Invoices:* If Owner contests an invoice, Owner shall promptly advise Engineer of the specific basis for doing so, may withhold only that portion so contested, and must pay the undisputed portion.
- D. *Legislative Actions:* If after the Effective Date any governmental entity takes a legislative action that imposes taxes, fees, or charges on Engineer's services or compensation under this Agreement, then the Engineer may invoice such new taxes, fees, or charges as a Reimbursable Expense to which a factor of 1.0 shall be applied. Owner shall reimburse Engineer for the cost of such invoiced new taxes, fees, and charges; such reimbursement shall be in addition to the compensation to which Engineer is entitled under the terms of Exhibit C.

ARTICLE 5 – OPINIONS OF COST

5.01 *Opinions of Probable Construction Cost*

- A. Engineer's opinions of probable Construction Cost are to be made on the basis of Engineer's experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional generally familiar 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, Owner must employ an independent cost estimator as provided in Exhibit B.

5.02 *Designing to Construction Cost Limit -Not Included.*

- ~~A. If a Construction Cost limit is established between Owner and Engineer, such Construction Cost limit and a statement of Engineer's rights and responsibilities with respect thereto will be specifically set forth in Exhibit F, "Construction Cost Limit," to this Agreement.~~

5.03 *Opinions of Total Project Costs*

- A. The services, if any, of Engineer with respect to Total Project Costs shall be limited to assisting the Owner in collating the various cost categories which comprise Total Project Costs. Engineer assumes no responsibility for the accuracy of any opinions of Total Project Costs.

ARTICLE 6 – GENERAL CONSIDERATIONS

6.01 *Standards of Performance*

- A. *Standard of Care:* The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with Engineer's services.
- B. *Technical Accuracy:* Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly attributable to deficiencies in Owner-furnished information.
- C. *Consultants:* Engineer may employ such Consultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objections by Owner.
- D. *Reliance on Others:* Subject to the standard of care set forth in Paragraph 6.01.A, Engineer and its Consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- E. *Compliance with Laws and Regulations, and Policies and Procedures:*
 - 1. Engineer and Owner shall comply with applicable Laws and regulations.
 - 2. Prior to the Effective Date, Owner provided to Engineer in writing any and all policies and procedures of Owner applicable to Engineer's performance of services under this Agreement provided to Engineer in writing. Engineer shall comply with such policies and procedures, subject to the standard of care set forth in Paragraph 6.01.A, and to the extent compliance is not inconsistent with professional practice requirements.
 - 3. This Agreement is based on Laws and Regulations and Owner-provided written policies and procedures as of the Effective Date. Changes after the Effective Date to these Laws and Regulations, or to Owner-provided written policies and procedures, may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation.
- F. Engineer shall not be required to sign any documents, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. Owner agrees not to make resolution of any dispute with

the Engineer or payment of any amount due to the Engineer in any way contingent upon the Engineer signing any such documents.

- G. The general conditions for any construction contract documents prepared hereunder are to be the "Standard General Conditions of the Construction Contract" as prepared by the Engineers Joint Contract Documents Committee (EJCDC C-700, 2007 Edition) unless both parties mutually agree to use other general conditions by specific reference in Exhibit J.
- H. Engineer shall not at any time supervise, direct, control, or have authority over any contractor work, nor shall Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a contractor to comply with Laws and Regulations applicable to such contractor's furnishing and performing of its work.
- I. 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 Contract Documents.
- J. Engineer shall not provide or have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements.
- K. Engineer shall not be responsible for the acts or omissions of any Contractor, Subcontractor, or Supplier, or of any of their agents or employees or of any other persons (except Engineer's own agents, employees, and Consultants) at the Site or otherwise furnishing or performing any Work; or for any decision made regarding the Contract Documents, or any application, interpretation, or clarification, of the Contract Documents, other than those made by Engineer.
- L. While at the Site, Engineer's employees and representatives shall comply with the specific applicable requirements of Contractor's and Owner's safety programs of which Engineer has been informed in writing.
- M. Engineer has no control over the cost of labor, materials, equipment or services furnished by others, over the incoming water quality and/or quantity, or over the way Owner's plant and/or associated processes are operated and/or maintained. Data projections and estimates are based on Engineer's opinion based on experience and judgment. Engineer cannot and does not guarantee that actual costs and/or quantities realized will not vary from the data projections and estimates prepared by Engineer and Engineer shall not be responsible to Owner and/or any third party for any inconsistencies between Engineer's data projections and estimates and actual costs and/or quantities realized by Owner and/or any third party in the future.

6.02 *Design Without Construction Phase Services*

- A. Engineer shall be responsible only for those Construction Phase services expressly required of Engineer in Exhibit A, Paragraph A1.05. With the exception of such expressly required 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 the Contract Documents, review and response to Contractor claims, contract administration, processing Change Orders, revisions to the Contract Documents during construction, construction

surety bonding and insurance requirements, construction observation and review, review of payment applications, and all other necessary Construction Phase engineering and professional services. Owner waives all claims against the Engineer that may be connected in any way to Construction Phase engineering or professional services except for those services that are expressly required of Engineer in Exhibit A, Paragraph A1.05.

6.03 *Use of Documents*

- A. All Documents are instruments of service in respect to this Project, and Engineer shall retain an ownership and property interest therein (including the copyright and the right of reuse at the discretion of the Engineer) whether or not the Project is completed. ~~Owner shall not rely in any way on any Document unless it is in printed form, signed or sealed by the Engineer or one of its Consultants.~~ All tracings, plans, computations, specifications, and maps prepared or obtained under the terms of the contract shall be delivered to and become property of the Owner. All basic survey notes and sketched, charts, computations, and other data prepared or obtained under this contract shall be made available upon request to the Owner without restriction or limitation on their use. When a contract is for preliminary plans only, no commitment is made or implied that would constitute a limitation on the subsequent use of the plans or the ideas incorporated therein for preparation of construction plans.
- B. Either party to this Agreement may rely that data or information set forth on paper (also known as hard copies) that the party receives from the other party by mail, hand delivery, or facsimile, are the items that the other party intended to send. Files in electronic media format of text, data, graphics, or other types that are furnished by one party to the other are furnished only for convenience, not reliance by the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the most recent version that is stamped by a professional engineer shall ~~hard copies~~ govern. If the parties agree to other electronic transmittal procedures, such are set forth in Exhibit J.
- C. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any transmittal errors detected within the 60-day acceptance period will be corrected by the party delivering the electronic files.
- D. When transferring documents in electronic media format, the transferring party makes no representations as to long-term compatibility, usability, or readability of such documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the documents' creator.
- E. Owner may make and retain copies of Documents for information and reference in connection with use on the Project by Owner. ~~Engineer grants Owner a limited license to~~ may 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 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) for the purposes of this Agreement and limited specifically to the relationship between Owner and Engineer, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants from be responsible for 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)(3) such limited license to Owner use~~ shall not create any rights in third parties.

- F. 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 to be agreed upon by Owner and Engineer.

6.04 Insurance

- A. Engineer shall procure and maintain insurance as set forth in Exhibit G, "Insurance." Engineer shall cause Owner to be listed as an additional insured on any applicable general liability insurance policy carried by Engineer.
- B. Owner shall procure and maintain insurance as set forth in Exhibit G, "Insurance." Owner shall cause Engineer and its Consultants to be listed as additional insureds on any general liability policies and as loss payees on any property insurance policies carried by Owner which are applicable to the Project.
- C. Owner shall require Contractor to purchase and maintain policies of insurance covering workers' compensation, general liability, property damage (other than to the Work itself), motor vehicle damage and injuries, and other insurance necessary to protect Owner's and Engineer's interests in the Project. Owner shall require Contractor to cause Engineer and its Consultants to be listed as additional insureds with respect to such liability and other insurance purchased and maintained by Contractor for the Project.
- D. ~~Owner and~~ Engineer shall ~~each~~ deliver to the Owner ~~other~~ certificates of insurance evidencing the coverages indicated in Exhibit G. Such certificates shall be furnished prior to commencement of Engineer's services and at renewals thereafter during the life of the Agreement.
- E. All policies of property insurance relating to the Project shall contain provisions to the effect that Engineer's and its Consultants' interests are covered and that in the event of payment of any loss or damage the insurers will have no rights of recovery against Engineer or its Consultants, or any insureds, additional insureds, or loss payees thereunder.
- F. All policies of insurance shall contain a provision or endorsement that the coverage afforded will not be canceled or reduced in limits by endorsement, and that renewal will not be refused, until at least 30 days prior written notice has been given to Owner and Engineer and to each other additional insured (if any) to which a certificate of insurance has been issued.

- G. At any time, Owner may request that Engineer or its Consultants, at Owner's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective than those specified in Exhibit G. If so requested by Owner, and if commercially available, Engineer shall obtain and shall require its Consultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by Owner, and Exhibit G will be supplemented to incorporate these requirements.

6.05 *Suspension and Termination*

A. Suspension:

1. By Owner: Owner may suspend the Project for up to 90 days upon seven days written notice to Engineer.
2. By Engineer: Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement if Engineer's performance has been substantially delayed through no fault of Engineer.

B. *Termination*: The obligation to provide further services under this Agreement may be terminated:

1. For cause,
 - a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.
 - b. By Engineer:
 - 1) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or
 - 2) upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 90 days for reasons beyond Engineer's control.
 - 3) Engineer shall have no liability to Owner on account of such termination.
 - c. Notwithstanding the foregoing, this Agreement will not terminate under Paragraph 6.05.B.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience,

a. By Owner effective upon Engineer's receipt of notice from Owner.

C. *Effective Date of Termination:* The terminating party under Paragraph 6.05.B may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

D. *Payments Upon Termination:*

1. In the event of any termination under Paragraph 6.05, Engineer will be entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all Reimbursable Expenses incurred through the effective date of termination. Upon making such payment, Owner shall have the limited right to the use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 6.03.E.

~~2. In the event of termination by Owner for convenience or by Engineer for cause, Engineer shall be entitled, in addition to invoicing for those items identified in Paragraph 6.05.D.1, to invoice Owner and to payment of a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with Engineer's Consultants, and other related close out costs, using methods and rates for Additional Services as set forth in Exhibit C, not to exceed 5% of the remaining project cost.~~

6.06 *Controlling Law*

A. This Agreement is to be governed by the law of the state or jurisdiction in which the Project is located, which is the State of Oklahoma for the purposes of this project. [Venue for any legal action shall be in Payne County, Oklahoma.](#)

6.07 *Successors, Assigns, and Beneficiaries*

A. Owner and Engineer are hereby bound and the successors, executors, administrators, and legal representatives of Owner and Engineer (and to the extent permitted by Paragraph 6.07.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.

B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, moneys that are due or may become due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting, or transfer is mandated or restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

C. Unless expressly provided otherwise in this Agreement:

1. Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Contractor, Subcontractor, Supplier, other individual or entity, or to any surety for or employee of any of them.
2. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.
3. Owner agrees that the substance of the provisions of this Paragraph 6.07.C shall appear in the Contract Documents.

6.08 *Dispute Resolution*

- A. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice prior to ~~invoking the procedures of Exhibit H (Not Included) or other provisions of this Agreement, or~~ exercising their rights under law.
- B. If the parties fail to resolve a dispute through negotiation under Paragraph 6.08.A, then either or both may ~~invoke the procedures of Exhibit H. If Exhibit H is not included, or if no dispute resolution method is specified in Exhibit H, then the parties may~~ exercise their rights under law.

6.09 *Environmental Condition of Site*

- A. Owner has disclosed to Engineer in writing the existence of all known and suspected Asbestos, PCBs, Petroleum, Hazardous Waste, Radioactive Material, hazardous substances, and other Constituents of Concern located at or near the Site, including type, quantity, and location.
- B. Owner represents to Engineer that to the best of its knowledge no Constituents of Concern, other than those disclosed in writing to Engineer, exist at the Site.
- C. If Engineer encounters or learns of an undisclosed Constituent of Concern at the Site, then Engineer shall notify (1) Owner and (2) appropriate governmental officials if Engineer reasonably concludes that doing so is required by applicable Laws or Regulations.
- D. It is acknowledged by both parties that Engineer's scope of services does not include any services related to Constituents of Concern. If Engineer or any other party encounters an undisclosed Constituent of Concern, or if investigative or remedial action, or other professional services, are necessary with respect to disclosed or undisclosed Constituents of Concern, then Engineer may, at its option ~~and without liability for consequential or any other damages and without liability for consequential or any other damages,~~ suspend performance of services on the portion of the Project affected thereby until Owner: (1) retains appropriate specialist consultants or contractors to identify and, as appropriate, abate, remediate, or remove the Constituents of Concern; and (2) warrants that the Site is in full compliance with applicable Laws and Regulations.
- E. If the presence at the Site of undisclosed Constituents of Concern adversely affects the performance of Engineer's services under this Agreement, then the Engineer shall have the option of (1) accepting an ~~equitable~~ adjustment in its compensation or in the time of completion, or both;

such adjustment shall be based on the schedules provided in Exhibit C, or (2) terminating this Agreement for cause on 30 days notice.

- F. Owner acknowledges that Engineer is performing professional services for Owner and that Engineer is not and shall not be required to become an "owner" "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, which are or may be encountered at or near the Site in connection with Engineer's activities under this Agreement.

6.10 *Indemnification and Mutual Waiver*

- A. *Indemnification by Engineer:* To the fullest extent permitted by law, Engineer shall indemnify and hold harmless Owner, and Owner's officers, directors, members, partners, agents, consultants, and employees from reasonable claims, costs, losses, and damages arising out of or relating to the Project and Agreement, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than to the Work itself) ~~(other than the Work itself)~~, including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Engineer or Engineer's officers, directors, members, partners, agents, employees, or Consultants. ~~This indemnification provision is subject to and limited by the provisions, if any, agreed to by Owner and Engineer in Exhibit I, "Limitations of Liability."~~
- B. ~~*Indemnification by Owner:* See Exhibit I, Limitations of Liability. Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants as required by Laws and Regulations and to the extent (if any) required in Exhibit I, Limitations of Liability.~~
- C. ~~*Environmental Indemnification:* To the fullest extent permitted by law, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys and other professionals, and all court, arbitration, or other dispute resolution costs) caused by, arising out of, relating to, or resulting from a Constituent of Concern at, on, or under the Site, provided that (1) any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, and (2) nothing in this paragraph shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence or willful misconduct.~~
- D. *Percentage Share of Negligence:* To the fullest extent permitted by law, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, shall not exceed the percentage share that the party's negligence bears to the total negligence of Owner, Engineer, and all other negligent entities and individuals.
- E. ~~*Mutual Waiver:* To the fullest extent permitted by law, Owner and Engineer waive against each other, and the other's employees, officers, directors, members, agents, insurers, partners, and~~

~~consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project.~~

6.11 *Miscellaneous Provisions*

- A. *Notices:* Any notice required under this Agreement will be in writing, addressed to the appropriate party at its address on the signature page and given personally, by facsimile, by registered or certified mail postage prepaid, or by a commercial courier service. All notices shall be effective upon the date of receipt.
- B. *Survival:* All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.
- C. *Severability:* Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Engineer, which agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- D. *Waiver:* A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.
- E. ~~*Accrual of Claims:* To the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence, no later than the date of Substantial Completion.~~

ARTICLE 7 – DEFINITIONS

7.01 *Defined Terms*

- A. Wherever used in this Agreement (including the Exhibits hereto) terms (including the singular and plural forms) printed with initial capital letters have the meanings indicated in the text above, in the exhibits, or in the following provisions:
 - 1. *Additional Services* – The services to be performed for or furnished to Owner by Engineer in accordance with Part 2 of Exhibit A of this Agreement.
 - 2. *Agreement* – This written contract for professional services between Owner and Engineer, including all exhibits identified in Paragraph 8.01 and any duly executed amendments.
 - 3. *Asbestos* – Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 - 4. *Basic Services* – The services to be performed for or furnished to Owner by Engineer in accordance with Part 1 of Exhibit A of this Agreement.

5. *Construction Contract* – The entire and integrated written agreement between Owner and Contractor concerning the Work.
6. *Construction Cost* – The cost to Owner of those portions of the entire Project designed or specified by Engineer. Construction Cost does not include costs of services of Engineer or other design professionals and consultants; cost of land or rights-of-way, or compensation for damages to properties; Owner’s costs for legal, accounting, insurance counseling or auditing services; interest or financing charges incurred in connection with the Project; or the cost of other services to be provided by others to Owner pursuant to Exhibit B of this Agreement. Construction Cost is one of the items comprising Total Project Costs.
7. *Constituent of Concern* – Any substance, product, waste, or other material of any nature whatsoever (including, but not limited to, Asbestos, Petroleum, Radioactive Material, and PCBs) which is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. (“CERCLA”); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§1801 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. (“RCRA”); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; and (g) any other federal, state, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
8. *Consultants* – Individuals or entities having a contract with Engineer to furnish services with respect to this Project as Engineer’s independent professional associates and consultants; subcontractors; or vendors.
9. *Contract Documents* – Those items so designated in the Construction Contract, including the Drawings, Specifications, construction agreement, and general and supplementary conditions. Only printed or hard copies of the items listed in the Construction Contract are Contract Documents. Approved Shop Drawings, other Contractor submittals, and the reports and drawings of subsurface and physical conditions are not Contract Documents.
10. *Contractor* – The entity or individual with which Owner has entered into a Construction Contract.
11. *Documents* – Data, reports, Drawings, Specifications, Record Drawings, and other deliverables, whether in printed or electronic media format, provided or furnished in appropriate phases by Engineer to Owner pursuant to this Agreement.
12. *Drawings* – That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings are not Drawings as so defined.
13. *Effective Date* – The date indicated in this Agreement on which it becomes effective, but if no such date is indicated, the date on which this Agreement is signed and delivered by the last of the parties to sign and deliver.

14. *Engineer* – The individual or entity named as such in this Agreement.
15. *Hazardous Waste* – The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
16. *Laws and Regulations; Laws or Regulations* – Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
17. *Owner* – The individual or entity with which Engineer has entered into this Agreement and for which the Engineer's services are to be performed. Unless indicated otherwise, this is the same individual or entity that will enter into any Construction Contracts concerning the Project.
18. *PCBs* – Polychlorinated biphenyls.
19. *Petroleum* – Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-hazardous waste and crude oils.
20. *Project* – The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
21. *Radioactive Material* – Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.
22. *Record Drawings* – Drawings depicting the completed Project, prepared by Engineer as an Additional Service and based solely on Contractor's record copy of all Drawings, Specifications, addenda, change orders, work change directives, field orders, and written interpretations and clarifications, as delivered to Engineer and annotated by Contractor to show changes made during construction.
23. *Reimbursable Expenses* – The expenses incurred directly by Engineer in connection with the performing or furnishing of Basic and Additional Services for the Project.
24. *Resident Project Representative* – The authorized representative of Engineer assigned to assist Engineer at the Site during the Construction Phase. As used herein, the term Resident Project Representative or "RPR" includes any assistants or field staff of Resident Project Representative agreed to by Owner. The duties and responsibilities of the Resident Project Representative, if any, are as set forth in Exhibit D (Not included).
25. *Samples* – Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.

26. *Shop Drawings* – All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
27. *Site* – Lands or areas to be indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Owner which are designated for the use of Contractor.
28. *Specifications* – That part of the Contract Documents consisting of written technical descriptions of materials, equipment, systems, standards, and workmanship as applied to the Work and certain administrative details applicable thereto.
29. *Subcontractor* – An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
30. *Substantial Completion* – The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.
31. *Supplier* – A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or Subcontractor.
32. *Total Project Costs* – The sum of the Construction Cost, allowances for contingencies, and the total costs of services of Engineer or other design professionals and consultants, together with such other Project-related costs that Owner furnishes for inclusion, including but not limited to cost of land, rights-of-way, compensation for damages to properties, Owner’s costs for legal, accounting, insurance counseling and auditing services, interest and financing charges incurred in connection with the Project, and the cost of other services to be provided by others to Owner pursuant to Exhibit B of this Agreement.
33. *Work* – The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.

ARTICLE 8 – EXHIBITS AND SPECIAL PROVISIONS

8.01 Exhibits [and Attachments](#) Included:

- A. Exhibit A, Engineer’s Services.

Appendix 1 to Exhibit A: Project Schedule

Appendix 2 to Exhibit A: Project Area Map

- B. Exhibit B, Owner's Responsibilities.
- C. Exhibit C, Payments to Engineer for Services and Reimbursable Expenses.

Appendix 1 to Exhibit C- Reimbursable Expenses

Appendix 2 to Exhibit C- Standard Hourly Rates

Appendix 3 to Exhibit C- Basis of Fee

- D. Exhibit D, Duties, Responsibilities and Limitations of Authority of Resident Project Representative. Not Included.
- E. ~~Exhibit E, Notice of Acceptability of Work. Not Included.~~
- F. Exhibit F, Construction Cost Limit. Not Included.
- G. Exhibit G, Insurance.
- H. ~~Exhibit H, Dispute Resolution. Not Included.~~
- I. ~~Exhibit I, Limitations of Liability.~~
- J. Exhibit J, Special Provisions. Not Included
- K. Exhibit K, Suggested Format for Amendment to Owner-Engineer Agreement. As Issued.

8.02 *Total Agreement:*

- A. This Agreement, (together with the exhibits identified above) constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument based on the format of Exhibit K to this Agreement.

8.03 *Designated Representatives:*

- A. With the execution of this Agreement, Engineer and Owner shall designate specific individuals to act as Engineer's and Owner's representatives with respect to the services to be performed or furnished by Engineer and responsibilities of Owner under this Agreement. Such an individual shall have authority to transmit instructions, receive information, and render decisions relative to the Project on behalf of the respective party whom the individual represents.

8.04 *Engineer's Certifications:*

- A. Engineer certifies that it has not engaged in corrupt, fraudulent, or coercive practices in competing for or in executing the Agreement. For the purposes of this Paragraph 8.04:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the selection process or in the Agreement execution;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the selection process or the execution of the Agreement to the detriment of Owner, or (b) to deprive Owner of the benefits of free and open competition;
3. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or affect the execution of the Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

Owner:
Stillwater Utilities Authority

Engineer:
Carollo Engineers, Inc.

By: _____

By: Thomas O. Crowley, P.E. 

Title: Kimberly Meek, General Manager

Thomas O Crowley, PE
Vice President

Scott Hoff, PE
Senior Vice President

Date _____

Date _____

Signed: _____

Signed: 07-29-24

Engineer License or Firm's
Certificate No. Thomas O. Crowley
PE 21073

State of: State Of Oklahoma

Address for giving notices:

Address for giving notices:

PO Box 1449

211 N. Robinson Ave, Suite 1300

Stillwater, OK 74076-1449

City of Oklahoma City, OK 73102

Designated Representative (Paragraph 8.03.A):

Designated Representative (Paragraph 8.03.A):

Thomas O. Crowley

Title: _____

Title: Vice President

Phone Number: _____

Phone Number: 816-682-2233

Facsimile Number: (405) 742-8324

Facsimile Number: 405-840-7886

E-Mail Address: _____

E-Mail Address: tcrowley@carollo.com

Approved as to form and legality this _____ day of _____, 20____.

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CERTIFICATION

This is to certify that the undersigned, Michael W. Barnes, as Corporate Secretary and General Counsel for **Carollo Engineers, Inc.**, is authorized to state and certify: That by corporate policy approved by the Board of Directors on 04/01/2019, Thomas Crowley, Vice President, and Scott Hoff, Executive Vice President, are authorized to execute engineering service agreements for the usual and customary engineering business of the company.

Dated: July 29, 2024



Michael W. Barnes
Corporate Secretary & General Counsel

This is **EXHIBIT A**, consisting of ____ pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated _____, 2024.

Engineer's Services

Article 1 of the Agreement is supplemented to include the following agreement of the parties.

Engineering services associated with the preparation of a Water and Wastewater SCADA master plan for the City of Stillwater, Oklahoma. .

Engineer shall provide Basic and Additional Services as set forth below.

PART 1 – BASIC SERVICES

As a part of the following basic services the Engineer shall provide minutes of all scheduled meetings associated with the project. All services shall be performed in compliance with City of Stillwater, ODEQ and ODOT standards.

A1.01 Study and Report Phase

A. Engineer shall conduct a pre-design conference with Owner. Engineer shall:

1. Consult with Owner regarding goals, objectives, scope, schedule and budget to define and clarify Owner's requirements for the Project and available data.
2. Advise Owner of any need for Owner to provide data or services of the types described in Exhibit B which are not part of Engineer's Basic Services.
3. Prepare a Draft and Final SCADA Master plan generally as defined in Appendix 3 to Exhibit A – Scope of services.
4. Furnish 4 review copies of the Draft SCADA Master Plan Report and any other deliverables to Owner within the calendar days following the Notice to proceed generally established in Appendix 1 to this Exhibit and review it with Owner. ~~Within ____ calendar days of receipt,~~ Owner shall promptly submit to Engineer any comments regarding the Report and any other deliverables.
5. If any CAD or GIS documents are generated for the Exhibits in the Report, the Engineer will establish CAD and GIS formatting conforming to the Owners standard GIS schedma as established in Appendix 4 to Exhibit A.
6. Revise the Report and any other deliverables in response to Owner's comments, as appropriate, and furnish 2 copies of the revised Report and any other deliverables to the Owner within the calendar days established in Appendix 1 to this Exhibit following receipt of Owner's comments.

- B. Engineer's services under the Study and Report Phase will be considered complete on the date when the revised Report and any other deliverables have ~~been delivered to~~ accepted by the Owner.

A1.02 Preliminary Design Phase – Not Applicable -May be authorized as part of a future amendment.

- A. After acceptance by Owner of the Report and any other deliverables, selection by Owner of a recommended solution and indication of any specific modifications or changes in the scope, extent, character, or design requirements of the Project desired by Owner, and upon ~~written~~ authorization from Owner, Engineer shall:

1. Establish CAD and GIS formatting for the design drawings conforming to the Owner's standard GIS schema so that later as-built record submittals to the Owner allow for Owner's incorporation through native files and straightforward uploads to the Owner's GIS system. Refer to Appendix 4 to Exhibit A for digital data submission requirements.
2. Prepare Preliminary Design Phase documents consisting of the following:
 - a. , 65% Preliminary Design drawings including cover sheet, pay quantities, construction notes, details, and a survey control plan. ODEQ Engineering Report and Application for Permit to Construct, easement acquisition documents, bid documents utilizing Owner's standard Bid Documents as provided by the Owner.
 3. Provide necessary field surveys and topographic and utility mapping for design purposes. Utility mapping will be based upon information obtained from utility owners.
 - a. The limits for the field work shall be.
 - b. The survey shall include the following:
 - 1) All existing improvements and physical features will be located and identified within the limits described above.
 - 2) Utilities will be located based on above-ground evidence, structures, and record drawings available. The Oklahoma one-call system (OKIE DIG) will be contacted to help in the location of underground utilities. The WU will pot-hole the existing water lines at the east and west ends of the project limits to verify the size and location. No other excavations will be made during the process of the survey to locate buried utilities or structures. Therefore, the locations of underground utilities or structures may vary from the location shown on the drawings and additional buried utilities or structures may be encountered
 - 3) The drawings will conform to at least the minimum standards outlined in the City of Stillwater Design Standards, will show contour elevation at one-foot intervals and if necessary to define abrupt grade changes, spot elevations will be shown. Owner reserves the right to require additional information shown as needed to provide clear plans. All elevations will be referenced to the established benchmarks at or near the site and designated on the drawings.
 - 4) Existing drainage ways will be defined and designated on the drawings.

This is **APPENDIX 1 TO EXHIBIT A**, consisting of 3 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated _____, 2024.

Project Schedule

The project schedule is provided below and is based on a Notice To Proceed date of 6/1/24 and a total calendar day duration of 198 days. The schedule assumes the following:

1. Task 200- Condition Assessment:

- a. The staff completes the existing system surveys within 10 calendar days of issuance.
- b. The schedule is dependent on the ability of Carollo's staff to be provided with information regarding the status of the existing system. 30 days is assumed for this task. It also assumes that this information will be what is necessary to understand and inform the condition assessment as assumed. If there are additional services that may be needed to acquire this information, the schedule may need to be adjusted. .
- c. The schedule is dependent on the ability of Carollo's staff to be provided with access to the SCADA system assets to be evaluated as part of the condition assessment. 15 calendar days are assumed for this task. If there is a delay in getting access to an asset needed to complete the condition assessment task beyond Carollo's control, the schedule may need to be adjusted.

2. Task 300- Technical Assessments:

- a. The schedule assumes that proposals from the potential SCADA system element vendors are obtained within 14 calendar days following initial inquiry. Since this information is necessary to complete the technical assessments, the Owner will be kept apprised of status and depending on the status of the information with respect to the critical path of the project, the schedule may need to be adjusted.

3. Task 500- SCADA Master Plan and CIP

- a. The schedule assumes a 10 day calendar review conducted by the Owner for all deliverables. If comments are received later than assumed, the schedule may need to be adjusted.

[illegible]

Project WP2401 COS SCADA MASTER PLAN
Appendix 1 to Exhibit A - Schedule
Estimated NTP: 07/08/24

ID	Task Mode	Task Name	Duration	Start	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October
25		TM with Initial Recommendations	10 days	Tue 10/8/24																
26		Server and Network Equipment Review and Assessment	20 days	Wed 8/14/24																
27		Review and Recommendations	10 days	Wed 8/14/24																
28		Communication network drawing and initial recommendations	10 days	Wed 8/28/24																
29		SCADA / Enterprise Data Needs	15 days	Wed 9/11/24																
30		Enterprise Data Integration	10 days	Wed 9/11/24																
31		Data Exchange diagram, and initial recommendations	5 days	Wed 9/25/24																
32		Security Assessment	56 days	Mon 8/26/24																
33		Physical and Cyber security	30 days	Wed 9/11/24																
34		AWIA Assessments	45 days	Mon 8/26/24																
35		TM and recommendations	14 days	Wed 10/23/24																
36		Present State Report	25 days	Tue 11/12/24																
37		Draft Present State	10 days	Tue 11/12/24																
38		Draft Security Master Plan	10 days	Tue 11/12/24																
39		Draft AWIA Recertification	10 days	Tue 11/26/24																
40		SUA Review	10 days	Tue 11/26/24																
41		Final Present State	5 days	Tue 12/10/24																
42		Standards Development	87 days	Tue 11/12/24																
43		Design Standards	20 days	Tue 11/12/24																
44		PLC Standards	20 days	Tue 12/10/24																
45		HMI Standards	20 days	Tue 1/7/25																
46		Draft Standards	10 days	Tue 2/4/25																
47		SUA Review	10 days	Tue 2/18/25																
48		Final Standards	7 days	Tue 3/4/25																
49		Dynamic and Interactive Data	16 days	Tue 12/31/24																

|

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Exhibit A-Appendix 1: Project Schedule

EJCDC E-500 Agreement Between Owner and Engineer for Professional Services.

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Estimated NTP: 07/08/24

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Exhibit A-Appendix 1: Project Schedule

EJCDC E-500 Agreement Between Owner and Engineer for Professional Services.

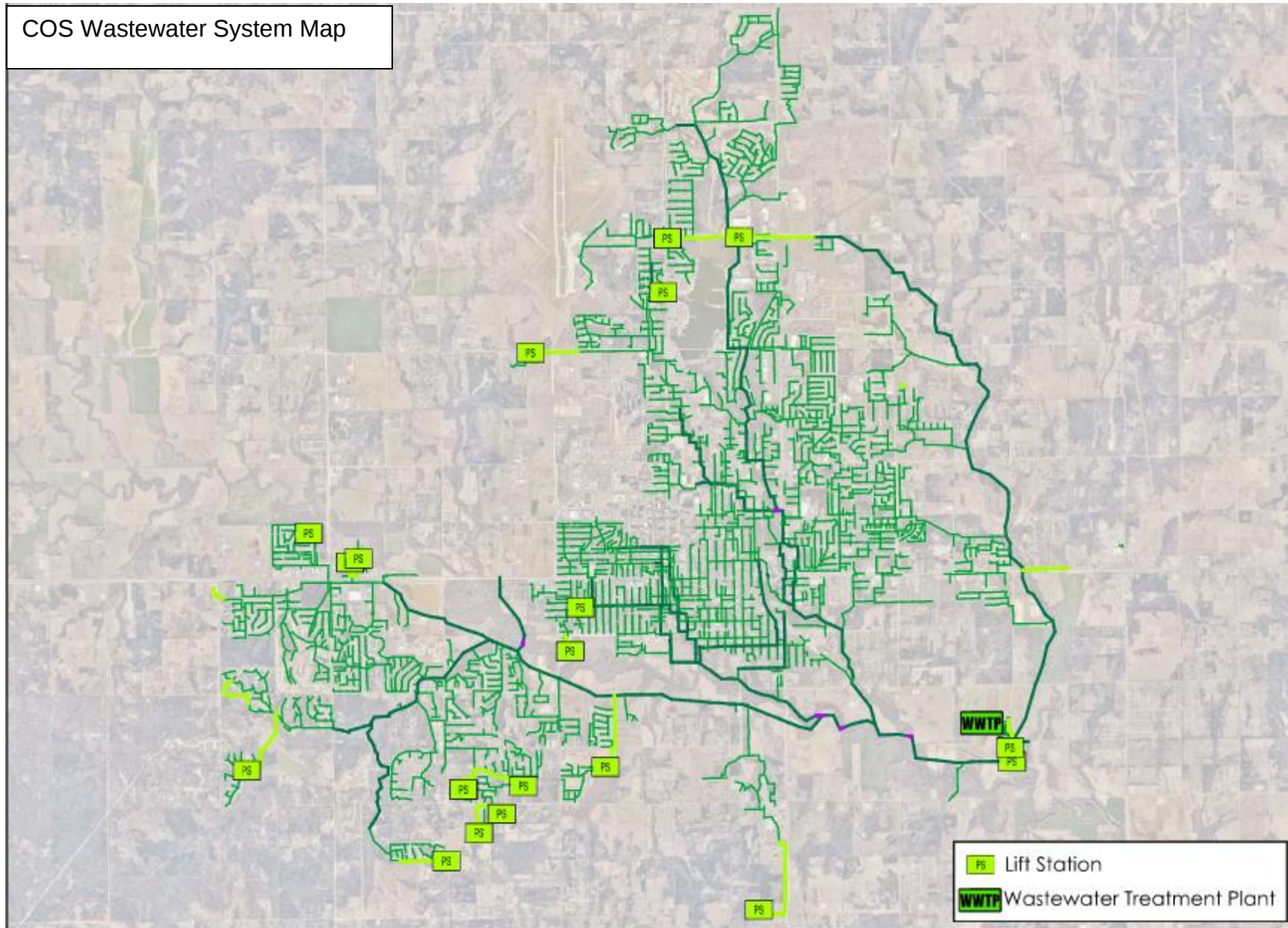
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This is **APPENDIX 2 TO EXHIBIT A**, consisting of ____ pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated _____, 2024.

Project Map

The project will generally consist of preparing a SCADA master plan of the City of Stillwater Water System (raw water, treatment, and distribution) and Wastewater Systems (Collection, Pumping, and Treatment). The attached maps generally indicate the limits of the water and wastewater systems for the City of Stillwater operated by the City of Stillwater Utilities Authority.

COS Wastewater System Map



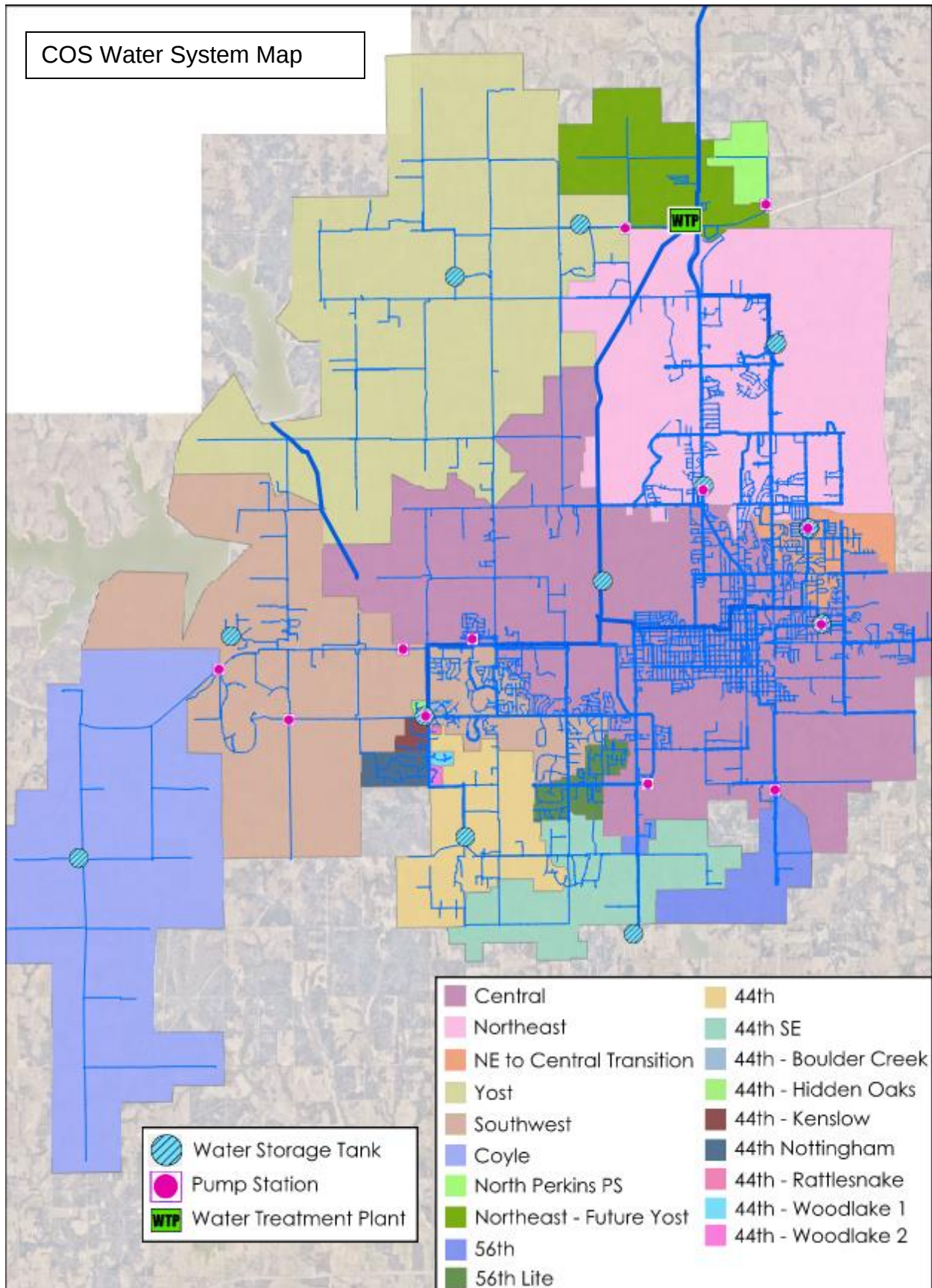
Page 2

Exhibit A- Appendix 2: Project Map

EJCDC E-500 Agreement Between Owner and Engineer for Professional Services.

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COS Water System Map



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Exhibit A- Appendix 2: Project Map

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APPENDIX 3 TO EXHIBIT A

ENGINEER'S SCOPE OF SERVICES FOR STUDY AND REPORT PHASE

(June 20 11, 2024 Version)

PROJECT TITLE: **COS SCADA Master Plan**
PROJECT No.: **24WP01**

The following Scope of Services describes the basic and additional services to be performed by Carollo Engineers, Inc. (hereinafter referred to as the "ENGINEER") associated with the **City of Stillwater (COS) SCADA Master Plan, Project 24WP01** (hereinafter referred to as the "Project"), as approved and executed by City of Stillwater, Oklahoma/Stillwater Utilities Authority (hereinafter referred to as the "OWNER"). It is intended to append the document entitled Exhibit A- Engineer's Services.

This scope of work is specific to the development of a SCADA Master Plan for the City. The SCADA Master Plan will provide an implementable plan that outlines SCADA upgrade projects and the associated budget and schedule for implementation for incorporation into the OWNER's CIP planning. The SCADA Master Plan will consider solutions that plan for future growth-related needs, recommend improvements to the SCADA system for maintenance and upgrades, analyze and evaluate new technologies, and evaluate how to leverage emerging technologies for optimization and plan for scalability of the SCADA system. The Scope of Services to address these items and develop a SCADA Master Plan are described below.

PROJECT UNDERSTANDING

The City of Stillwater (OWNER) owns and operates the Stillwater Water Treatment Plant (WTP), raw water delivery system, and finished water distribution system. Constructed in 1985, the WTP was retrofitted in 2001 to its current capacity of 18 million gallons per day (mgd). The raw water delivery system includes a raw water pump station at Kaw Lake (Kaw Pump Station) and a raw water transmission main from Kaw Lake to the WTP. The finished water distribution system includes a finished water pump station and distribution piping to customers. The City completed the installation of the most recent version of the supervisory control and data acquisition (SCADA) system in the mid 2010's, which is operated at the City of Stillwater's (COS) water treatment plant (WTP) Control Room (CR) and in the waste water treatment plant (WWTP) CR as-well. The master control computer allows system operators to access the control set points of each facility and modify these set points using the computer's keyboard and mouse. Water system sites include: Kaw Pump Station; the WTP; three pressure zones; nine Pump Stations; three storage facilities; 10 water towers; and 15 master meters. Wastewater sites include the WWTP and 17 lift stations. The WTP operates the WWTP at night and on weekends. Primary communication with some of the sites (i.e. ~ 11) is by fiber with radios as back-up. Sites without fiber are connected by radio.

The SCADA Master Plan will provide a summary of the OWNER's existing SCADA system present state in order to develop a benchmark of where the current system is for comparison against current technology and standards. The master plan will identify system gaps, deficiencies, areas of improvement, and necessary upgrades and develop recommendations to further enhance and maintain the SCADA system. These recommendations will be evaluated and grouped into projects with estimated costs and a proposed project schedule to develop an overall roadmap for SCADA system improvements. These projects will require additional design and construction for proper implementation. The SCADA Master

Plan will not provide design or construction quality deliverables but a plan that can be followed to address critical needs, and upgrade and improve the SCADA system in an efficient and logical approach.

The objective of the project is to identify and plan improvements for the SCADA System at the OWNER's main facilities and remote sites including hardware and software systems to address the following:

1. Develop a strategic vision for the SCADA Systems.
2. Assessment of existing system documentation and common themes.
3. Stakeholder workshops to determine present state and desired outcomes.
4. Evaluate system governance, organizational structure, and change management procedures.
5. Conditional assessment of SCADA and Security hardware and systems.
6. Review SCADA and Security software and evaluate system architecture and review upgrade options.
7. Evaluate server hardware and infrastructure and server level services.
8. Establish network security and communications improvements.
9. Assess physical security systems.
10. Document existing systems.
11. Develop plans for hardware component upgrades.
12. Establish priorities and costs for SCADA system improvements.
13. Develop templates for specifications and standards.
14. Develop a list of recommended SCADA system projects and initiatives.
15. Document the overall SCADA system plan.

The goal is to analyze the existing SCADA and Security system to determine the present state of the system for evaluation of existing components and to compare against current technology, industry standards, and similar utilities to propose potential enhancements and plan for the future. Various tasks will be carried out looking at multiple aspects of the SCADA system and to enable coordination of future projects..

This SCADA Master Plan will concentrate on the following items:

1. Determine the Strategic Plan and Vision
The strategic vision incorporates the OWNER's mission statement, core values, ethical standards, and goals to provide the overall direction the OWNER would like to take and set the guidelines of how the OWNER wants to get there. This vision will help in determining the basic strategies to move

forward and set the performance criteria to evaluate when the OWNER has succeeded in meeting their plan.

2. Assess the present state of the SCADA system
 - a. Organizational Structure
 - b. Documentation
 - c. System Architecture
 - d. Hardware and software
 - e. Computer systems, networking, and communications
 - f. Data and Business system Integration
 - g. Security
 - h. Disaster recovery and resiliency
3. Determine areas to enhance and upgrade based on the present state analysis
4. Develop a roadmap
 - a. Projects to enhance and upgrade the SCADA System
 - b. Prioritize projects based on overall criticality
 - c. Develop a schedule and budget for project implementation

In addition, there are few key areas that the OWNER would like to be a focal point of the master planning effort. These key areas include:

1. Ensuring optimum SCADA system functionality.
2. Maximize visibility of critical asset conditions.
3. Assess which of the remote water and wastewater assets can be placed onto a fiber network and which assets should remain on the telemetry system.
4. Address operational items through programming enhancements (i.e. address the city's water age issues in the distribution system)
5. Model asset conditions for predictive analysis.
6. Operate assets appropriately and safely using secure local and remote interfaces.
7. Operate the WWTP from the WTP at night and on weekends.

8. Find and establish robust analytics and reporting system for operational efficiencies and regulatory reporting.
9. Ability to operate the system efficiently from a power consumption stand point.
10. Consider technologies that serve today's needs and are adaptable for the future.
11. Ability to communicate with Maintenance Management System (MMS) and City IT network through a SCADA DMZ.
12. Ability to calculate Lost and Unaccounted for (LAUF) water reports for raw water and finished water.
13. Development of a 5 year prioritized SCADA CIP indicating project needs in order of priority, estimates for the capital expenditures, and schedule for these projects including an overall estimated cash flow distribution.
14. Pipeline cathodic protection system monitoring.
15. Additional outputs of the Master Plan would include developing a SCADA System Standards document which would include but not limited to the following:
 - a. Smart Tag Naming Standard
 - b. Equipment Standard
 - c. Cyber Security
 - d. Management of Change process for SCADA
 - e. Inhibiting/shelving alarm process
 - f. Alarm management process

The extent and depth of projects and recommendations will be accomplished by engaging the user groups in needs analysis workshops, documenting existing systems and standards, evaluating major items of concern in the existing SCADA system, providing recommendations for these items, and with the staff, prioritizing the recommendations and identifying associated costs.

PROJECT ASSUMPTIONS, CLARIFICATIONS, AND EXCEPTIONS

1. Project is for the development of a SCADA Master Plan in report format. No detailed design documents or construction level documents will be provided as a part of this project.
2. ENGINEER shall be entitled to use and reasonably rely upon information and services provided by the OWNER or others in performing ENGINEER's services hereunder.
3. In providing opinions of cost, financial analyses, economic feasibility projections, schedules, and quantity and/or quality estimates for potential projects, Consultant has no control over cost or price of labor and material; unknown or latent conditions of existing equipment or structures that may affect operation and maintenance costs; competitive bidding procedures and market conditions; time or quality of performance of third parties; quality, type, management, or direction of operating

personnel; the incoming water quality and/or quantity; the way County's plant(s) and/or associated processes are operated and/or maintained; and other economic and operational factors that may materially affect the ultimate project elements, including, but not limited to, cost or schedule. Therefore, Consultant makes no warranty that County's actual project costs, financial aspects, economic feasibility, schedules, and/or quantities or quality realized will not vary from Consultant's opinions, analyses, projections, or estimates and Consultant will not be liable to and/or indemnify County and/or any third party related to any inconsistencies between Consultant's projections and estimates and actual costs and/or quantities realized by County and/or any third party in the future, except to the extent such inconsistencies are caused by Consultant's negligent performance hereunder.

4. *Project Deliverables.* ENGINEER will produce and submit draft and final reports/memoranda in electronic format for review by the OWNER throughout the Project, as identified herein. Electronic copies of the various deliverables will generally be provided in PDF format, with some documents in native file format as appropriate (i.e. MS Word, MS Excel, etc.). OWNER shall agree to review draft Project deliverables and provide comments to ENGINEER in a timely fashion (typically within two weeks of submittal). To the greatest extent possible, review of draft deliverables in a collaborative workshop setting to obtain comments from OWNER will be pursued to reduce overall review time and streamline the Project schedule.
5. *Additional Services.* There may be additional work efforts that the OWNER may desire the ENGINEER to perform in support of the Project which have not been contemplated or identified yet by the OWNER, and as such the extent (and associated costs) of the effort required cannot be fully determined at the time this Contract is executed. It is intended that such categories of work be classified as "Additional Services". ENGINEER will not perform Additional Services without prior written approval by the OWNER.
6. *Document Management.* Document management and document control will occur on the ENGINEER's ProjectWise site. Document access or transfer of files will be through the ENGINEER's SharePoint system, secure FTP transfer, or email for non-confidential information.
7. The services to be performed by ENGINEER are intended solely for the benefit of the OWNER. No person or entity not a signatory to this Services Authorization shall be entitled to rely on ENGINEER's performance of its services hereunder, and no right to assert a claim against ENGINEER by assignment of indemnity rights or otherwise shall accrue to a third party as a result of this Services Authorization or the performance of ENGINEER's services hereunder

SCOPE OF SERVICES – BASIC SERVICES

The Scope of Services for the overall Project is based on the following major Work Breakdown Structure (WBS) elements:

- Task 100 – Project Management
- Task 200 – Condition Assessment
- Task 300 – Technical Assessments
- Task 400 – Standards Development
- Task 500 – SCADA Master Plan and CIP
- Task 600 – Additional Services

Specific efforts to be completed for the tasks (and subtasks) and the associated deliverables are defined further herein.

TASK 100 - PROJECT MANAGEMENT

ENGINEER will perform various project management and monitoring activities throughout the design phase, as delineated in the following tasks and subtasks.

101 – Project Control and Reporting

Develop monthly progress reports and invoices throughout the Project for submittal to the OWNER's Project Manager that identify the following:

- Work completed since the previous report.
- Work anticipated in the upcoming month.
- Project status, including scheduled and actual percent complete for the major tasks.
- Budget status, including contracted amount, total spent to date, amount remaining, percent spent and actual percent complete.
- Schedule status, including variances in the project schedule by milestone and/or deliverable, and total project.
- Dates of anticipated milestones and/or deliverables in the upcoming month.
- List of coordination and/or information required, including responsible parties.
- List of issues encountered (if any) and proposed resolution, including technical, budgetary and schedule problems.
- List of potential scope changes, including a brief description and reason for change, along with potential impact on budget and schedule.
- List of issues needing resolution, including party(s) involved and date required so as not to impact project schedule.

In addition to monthly status updates, ENGINEER will provide abbreviated weekly email updates to OWNER lead(s) reporting on current and upcoming weekly activities and key issues throughout the Project duration.

Develop a project schedule for the investigation and study phase in Microsoft Project format. Each activity of the scope of services herein, including the various deliverables, meetings, and workshops will be incorporated into the work breakdown structure (WBS) of the schedule. Project timelines, along with identification of task inter-relationships, will be provided in a Gantt format using Microsoft Project.

DELIVERABLES: Monthly Progress Reports and Invoices (PDF only) – 10 reports

Weekly Status Email Updates – 40 weeks
Project Schedule with monthly updates (PDF only)

102 – Project Meetings

Facilitate meetings as described below. Prepare and distribute agendas and minutes for each meeting. Agendas will be submitted to the OWNER at least 1 day prior to the meeting. Minutes will be submitted to the OWNER no more than 5 days following each meeting and will summarize decisions and action items. Agendas and minutes will also be posted to the collaborative project website for additional access by interested parties.

102.1 – Monthly Meetings:

Conduct monthly project meetings (1-hour duration each) with OWNER throughout the project to keep the OWNER and key project stakeholders informed of the project progress and obtain input and direction as required. Monthly meeting objectives will include status of information needs and requests, scheduling of workshops and site visits, OWNER comments on deliverables and memos, and other outstanding project issues. The anticipated number of planned monthly meetings during this project is 10. Any specific review meetings/workshops associated with the project tasks are included in Task 200. Additional project meetings, if required, will be conducted as part of the Additional Services.

DELIVERABLES: Meeting Agendas & Minutes (PDF only)

103 – Quality Control and Subconsultants Management

Provide reviews of deliverables by senior staff and technical document editors before submission to the City for review.

Prepare and coordinate necessary subconsultant agreements required for the Project and manage the subconsultants throughout the duration of the Project accordingly.

TASK 200 – CONDITION ASSESSMENT

The Condition Assessment will include a system-wide SCADA needs analysis that includes review of existing SCADA system documentation, field investigation and development of asset inventories, review of OWNER's existing control and alarming methodologies, current SCADA system work orders and change management procedures, document management, system testing and startup procedures, and staff survey information.

201 – Review of existing SCADA system documentation

ENGINEER will review and use the following SCADA system documentation provided by the OWNER to gain a basic overall understanding of the existing SCADA system to plan technical workshops and site inspections to verify documentation, fill in gaps, and to assess the condition of SCADA system assets:

- Relevant system maps and site plans of SCADA system asset locations
- As-Built Drawings and O&M Manuals
- Network Block Diagrams
- HMI System Screenshots
- Asset lists

202 – Staff Surveys

To determine end-user needs, hardware and software functional requirements, and areas of improvement for the existing system, ENGINEER will develop a survey to verify key elements of improvement from members of all pertinent stakeholder groups (e.g. Facility Operations and Maintenance (O&M), SCADA O&M, management, IT, etc.). ENGINEER will compile survey responses to determine the common themes amongst all operational groups. These themes will be used as a basis to drive stakeholder workshops and prioritize projects.

DELIVERABLES: Survey Results and Key Themes Summary (PDF only)

203 – Conditional Asset Assessment

ENGINEER will develop a standard asset register for each main type of SCADA asset and coordinate format with the OWNER based on current or future asset management software requirements.

203.1 – Asset Collection Forms. ENGINEER will develop asset and conditional assessment forms for the following types of assets:

- SCADA Asset: Network Racks with entries for the following sub assets:
 - Servers
 - Workstations
 - Ethernet Switches
 - Firewalls
 - Uninterruptible Power Supplies (UPS)
- SCADA Asset: Control Panels with entries for the following sub assets:
 - Programmable Logic Controllers (PLC)
 - Ethernet Switches
 - UPS
 - Operator Interface Touchscreens (OIT)
 - Radios

203.2 – SCADA System Conditional Assessment. ENGINEER will provide field assessment and asset collection of SCADA assets using the developed asset collection forms. Network connections for each asset will also be documented. Assets from the following facilities will be connected:

- Complete list of facilities.

203.3 – Instrumentation Conditional Assessment. ENGINEER will provide asset collection and conditional assessment of the OWNER’s instrumentation (Included as Additional Services).

203.4 – Condition Assessment TM. ENGINEER will develop a technical memorandum of the findings of the conditional assessment and provide a summary of assets including photos taken. This TM will identify recommendations for replacements of assets that are outdated or in poor condition and coordinated with other replacement and upgrade projects.

DELIVERABLES: **Asset Register (CSV file)**

TM – SCADA Condition Assessment

204 – Strategic Visioning

ENGINEER will facilitate a strategic visioning workshop to identify the OWNER’s overall vision for the SCADA system. This workshop will aim to identify the overall vision for the SCADA system and discuss initial ideas and preferences for SCADA system improvements as well as identify staff concerns. The purpose of the strategic vision workshop is to further develop staff preferences, gain additional insight, and develop a consensus and agreement on the path forward, and define the strategic vision for the SCADA and Security systems.

DELIVERABLES: **TM 1 – SCADA Strategic Vision**

TASK 300 – TECHNICAL ASSESSMENTS

301 – Technical Assessment Workshops

ENGINEER will facilitate technical workshops on each of the technical areas to be assessed as part of the SCADA Master Plan. These workshops will include the following:

1. SCADA Governance
2. SCADA Hardware
3. SCADA Software
4. Server and Network Systems
5. Enterprise Data
6. Security

Each workshop is anticipated to be approximately two (2) hours long and will be held in a hybrid format with three (3) workshops attended in person and three (3) workshops held via Microsoft Teams.

302 - SCADA Governance

ENGINEER will facilitate a SCADA governance workshop, as noted in task 301, and provide an assessment of the present state of SCADA governance. This workshop will focus on the OWNER’s current SCADA group organization, policies and procedures, asset management, document control, and

general SCADA system functionality and support. The SCADA governance workshop will cover the following main topics:

- Roles and responsibilities
- External resources / Qualified Integrators
- Standards development and Tag Naming
- Change management and work order procedures
- Asset Management
- Documentation control
- Disaster recovery and backup systems and planning

ENGINEER will document the present state of SCADA governance and provide an assessment of the present state compared to industry best practices and operational needs. A listing of recommendations will be provided that will form the basis of discussion for SCADA system upgrades

DELIVERABLES: TM 2 – SCADA Governance

303 – SCADA Hardware

ENGINEER will facilitate a SCADA hardware workshop and provide an assessment of the present state of SCADA hardware. This workshop will focus on the OWNER's current SCADA hardware systems including PLCs, control panel components, and instrumentation. The SCADA hardware workshop will cover the following main topics:

- Present state of systems
- Known difficulties or issues
- Existing PLC review and alternatives
- Desired hardware system features
- Control Logic
- Instrumentation
- Control Panel components and standards
- Lessons learned
- Preferences

ENGINEER will perform on-site reviews and gather documentation of the existing control system hardware to provide essential background information to evaluate existing installations and manufacturers and models of equipment in use to make recommendations for replacements and standardization of components. Analysis of standardization of hardware will be performed in conjunction with software review to validate compatibility between hardware and software components and to determine where additional advantages may be realized in systems that have highly integrated software and hardware systems. Under this task, other critical control system hardware elements such as backup power systems, instruments, and control panel components will also be evaluated. A listing of recommendations will be provided that will form the basis of discussion for SCADA system upgrades. This assessment will be documented in a TM.

DELIVERABLES: TM 3 – SCADA Hardware

304 – SCADA Software

ENGINEER will facilitate a SCADA software workshop and provide an assessment of the present state of SCADA software. This workshop will focus on the OWNER's current SCADA software systems including SCADA HMI, historian, alarm notification software, reporting systems, and thin client management. Specific details of these systems such as graphical and alarming standards will also be reviewed. The SCADA software workshop will cover the following main topics:

- Present state of systems
- Known difficulties or issues
- Wonderware version upgrades and licensing
- Alternative HMI software feature comparison
- Historian evaluation and requirements
- Trending, alarming, and reporting
- Graphical standards and high performance graphics
- Automated backup and recovery systems
- Ancillary software systems and operating systems
- Lessons learned
- Preferences

ENGINEER will develop an overall SCADA system architecture drawing based on field investigations completed during the condition assessment task. Under this task, ENGINEER will review the existing Wonderware SCADA software applications and related operator interface terminals to determine type installed, general software architecture, operator access points, and graphical standards. Key elements of the review will focus on ease of graphical system use, functionality, levels of control, alarm management, trending, and access to data. These elements will define a basis on which existing HMI systems will be reviewed and compared against selected other industry standard HMI systems such as Rockwell FactoryTalk/PlantPAX, AVEVA System Platform (Wonderware), Inductive Automation Ignition, and Trihedral VTScada. These systems will be evaluated against key criteria as well as general elements such as cost, licensing, and architecture limitations to determine a best fit platform for the OWNER. As a part of this analysis, associated solutions for a SCADA historian will also be analyzed for the ability for integration with the selected HMI platform, possesses the necessary capabilities to interface with or migrate data from the OWNER's existing data warehouse, and maintain and expand upon all current system functionality.

As a part of this review, additional software systems and components that interface with the SCADA system such as Active Directory services, Anti-virus software, Operating Systems, automated reporting, and office applications will also be evaluated and recommendations for product solutions or upgrades developed. A listing of recommendations will be provided that will form the basis of discussion for SCADA system upgrades. This assessment will be documented in a TM.

DELIVERABLES: TM 4 – SCADA Software

SCADA Architecture Drawing

305 – Server and Network Systems

ENGINEER will facilitate a server and network systems workshop and provide an assessment of the present state of these systems. This workshop will focus on the OWNER's current server and network

systems including servers, workstations, network switches, firewalls, and other standard computer equipment supporting SCADA services. The server and network workshop will cover the following main topics:

- Present state of systems
- Known difficulties or issues
- Fiber optic cable system
- Wireless communications
- System Access requirements
- Control room requirements
- Mobile Access
- Ethernet switch requirements
- General security requirements
- Division of responsibility (IT and OT)
- Desired functionality
- Lessons learned
- Preferences

ENGINEER will obtain existing fiber network maps and current system asset maps on GIS and assess which assets can be moved from telemetry and onto the city-wide fiber optic network for communications and/or dedicated utilities fiber network. Any assets deemed to remain on telemetry will be included in the telemetry assessment as part of the basic services and the radio pathloss study as part of the additional services.

ENGINEER will perform on-site reviews and gather documentation of the existing server and network equipment to evaluate, analyze, and develop recommendations for a comprehensive SCADA communications backbone and network and hardware infrastructure to support and secure the SCADA system. ENGINEER will review existing server and workstation hardware and how these system interface with other devices. Server architecture, virtualization, operating systems, server services, and backup and redundancy will be reviewed and evaluated. Installed software will be reviewed with staff to determine enterprise and office software needs and identify gaps and overlap in software systems that could further secure, manage, or increase efficiency of systems and staff. ENGINEER will review and evaluate existing network equipment and local area network (LAN) architecture to determine existing segmentation, routing, and connectivity within facilities. Network security appliance, routing and switching devices will be reviewed to determine standard hardware to be used, existing network security schemes, and accessibility. Network components will be reviewed with staff to determine any re-occurring failures, maintenance concerns, and accessibility issues. ENGINEER will review and evaluate communication to remote systems such as radios and third party communications systems. A radio pathloss study may be provided as part of additional services. A listing of recommendations will be provided that will form the basis of discussion for SCADA system upgrades. This assessment will be documented in a TM.

DELIVERABLES: TM 5 – Server and Network Systems

Network Block Diagram

306 – Enterprise Data

ENGINEER will facilitate an Enterprise Data workshop and provide an assessment of the present state of SCADA data integration. This workshop will focus on the OWNER's current data systems, data exchange with other systems, reporting needs, and desired data use. The Enterprise Data workshop will cover the following main topics:

- Present state of data integration and automated data flow
- CMMS Integration use cases
- KPIs being used and desired KPIs
- SCADA data needs
- Effective Utility Management
- Manual reports and processes that could be automated
- Example data integration architectures
- Preferences

ENGINEER will review the current data storage and integration of the present state system. ENGINEER will work with the OWNER's staff to determine desired data uses for KPIs and dashboards to determine necessary data requirements and connectivity. OWNER's existing reports will be evaluated to determine requirements for automation. The desired state of data use and data exchange will be documented and recommendations provided to modify existing systems to meet the desired state. Recommendations will be developed to meet the desired state and documented in a TM.

DELIVERABLES: TM 6 – Enterprise Data

307 – Security

ENGINEER will facilitate a Security workshop and provide an assessment of the present state of cyber and physical security. This workshop will focus on the OWNER's current cyber and physical security

deployments, review of system best practices, review of AWIA recommendations, and discussion of highest system concerns. The Security workshop will cover the following main topics:

- Present state of Cyber and Physical security systems
- AWIA cybersecurity recommendations
- Desired security, acceptable risk, and desired functionality
- Authentication Systems
- Network Segmentation
- Protection solutions
- Detection solutions
- Incident Response
- Recovery
- AWIA physical security recommendations
- Review of best practices
- Access controls
- Perimeter controls
- Security Camera Systems
- Preferences

ENGINEER will review the current data storage and integration of the present state system. ENGINEER will work with the OWNER's staff to determine desired data uses for KPIs and dashboards to determine necessary data requirements and connectivity. OWNER's existing reports will be evaluated to determine requirements for automation. The desired state of data use and data exchange will be documented and recommendations provided to modify existing systems to meet the desired state. Recommendations will be developed to meet the desired state and documented in a TM.

DELIVERABLES: TM 7 – Security

308 – Present State Report

ENGINEER will develop a Present State Report to document the existing SCADA system and provide initial recommendations. TMs 1 through 7 will be used as the basis of the chapters for this report. This report will be an initial draft of the SCADA Master Plan report and include the following chapters:

1. System Visioning
2. SCADA Governance
3. PLC and Hardware Assessment
4. SCADA Software Assessment
5. Server and Network Assessment
6. Enterprise Data Integration
7. Cyber and Physical Security Assessment

A review meeting will be held with the City over Microsoft Teams to discuss any comments on the draft report.

DELIVERABLES: Present State Report

TASK 400 – STANDARDS DEVELOPMENT

This task includes the development of PLC and HMI programming standards and development of requirements for developing a framework for a data analysis system. PLC programming standards provide a foundation of consistent programming and consistent operation for staff. Having standard PLC programming objects and requirements helps with consistency and will develop the requirements for integrators to utilize for implementation. SCADA programming standards align with PLC objects for consistency of the operator interface. These standards also define the look and feel of graphical screens. Data analysis includes development of higher-level dashboards and integration with data analysis systems such as artificial intelligence (AI) and machine learning (ML). These systems provide benefits for optimization and aiding in operational consistency and decision-making.

401 – Data Analysis

ENGINEER will facilitate a Data Analysis workshop to discuss current industry trends and solutions related to data integration with analytics solutions. The Data Analysis workshop will cover the following main topics:

- Desired uses of analytics
- Current industry solutions and trends
- Data requirements
- Standard Architectures
- Visualization options
- Preferences

After evaluating the present state of the SCADA system, the ENGINEER will work collaboratively with the OWNER to determine how emerging trends in Big Data and cloud based tools could possibly be utilized to improve the SCADA system and decision making. Systems such as artificial intelligence and real time decision support systems are gaining acceptance and becoming powerful tools for water use forecasting, process optimization, digital twins, and energy optimization utilizing remote IoT sensors and incorporating highly accurate weather data along with past historical data and modeling software to assist operations in making smarter decisions. Systems such as this along with higher level visualization and KPI management systems such as Microsoft's PowerBI will be considered and possible applications to determine any viable opportunities for future integrations or use. A roadmap will be developed to outline the necessary steps to be able to integrate these types of solutions.

DELIVERABLES: TM 8 – Data Analysis (PDF only)

402 – PLC Programming Standards

ENGINEER will facilitate a PLC programming workshop to discuss current control strategies, operator preferences on control functions, and review existing programming. This workshop will be based on the selected PLC platform selected by the OWNER as part of the technology assessments. A PLC programming standards template will be developed using existing programming standards to be reused, ENGINEER's standard functions, and manufacturer standard logic functions. PLC configuration guidelines for security and general setup will also be defined. Standard PLC function blocks and any reusable code that is defined will be documented in a PLC program so that functions may be copied and reused out of this standard program. The standards document will be provided in a format that the OWNER can maintain.

DELIVERABLES: TM 9 - PLC Programming Standards (PDF and Word)

PLC Programming Standards (PLC program file)

403 – SCADA Programming Standards

ENGINEER will facilitate a SCADA programming workshop to discuss current HMI system graphics, operator preferences on graphics, and review industry trends and standards. This workshop will be based on the selected HMI platform selected by the OWNER as part of the technology assessments. A SCADA programming standards template will be developed, and up to three (3) example screens developed to document decisions made. The SCADA programming standards will include general requirements for HMI software and security configuration, text requirements, graphic symbols, and color standards. Standard HMI objects and reusable graphics defined will be documented in a standard HMI application to allow for reuse of the objects created. The standards document will be provided in a format that the Owner can maintain.

DELIVERABLES: *TM 10 - SCADA Programming Standards (PDF and Word)*
SCADA Programming Standards (SCADA Application file)

404 – SCADA Standards

ENGINEER will document decisions made related to SCADA system hardware and software standards in a SCADA standards document. This document will provide a concise listing of acceptable manufacturers for SCADA hardware and software systems with brief descriptions and requirements for design, configuration, and installation. TMs 9 and 10 will also be combined into a final SCADA programming standards document.

DELIVERABLES: *Design Standards*
SCADA Programming Standards

TASK 500 – SCADA Master Plan and CIP

This task includes development of a detailed SCADA capital improvements plan and development of the final SCADA Master Plan report.

501 – Present State Validation

ENGINEER will facilitate a workshop to summarize the findings of the present state report to validate recommendations and decisions made are accurate. This meeting will also provide an initial draft of potential projects and priorities. Information from this workshop will be used to further define projects.

DELIVERABLES: *Meeting Minutes – Present State Validation (PDF of PowerPoint)*

502 – Project Planning

ENGINEER will develop a draft TM of the CIP project plan of the draft SCADA projects. Projects will include general definitions along with design and construction requirements. ENGINEER will summarize all proposed recommendations and projects in a presentation document. Costs will not be provided as a part of this TM. ENGINEER will facilitate a workshop, via Microsoft Teams, to review the draft project plan and obtain acceptance of the general projects and comments for revision. These comments will be used to develop the final chapter of the SCADA Master Plan.

DELIVERABLES: *TM 11 – CIP Project Plan*

503 – SCADA Master Plan

ENGINEER will incorporate TM 11 with the Present State Report to develop the draft SCADA Master Plan. A draft schedule and engineer's estimate of probable cost will be established to build an initial project implementation plan and budget covering the next 5 years. This plan will be reviewed with the OWNER to determine if the plan is manageable under current staff workloads and fits within the OWNER's operating and CIP budget expectations. A meeting will be held to review all aspects of the proposed projects. ENGINEER will then incorporate comments into the draft SCADA Master Plan report. The draft SCADA Master Plan will be provided to the OWNER for review and comment.

Comments from the Draft Master Plan Report will be addressed and a FINAL SCADA Master Plan report provided. After acceptance of the final SCADA Master Plan, a summary workshop will be held to provide a summary to the OWNER's staff of the planned projects and implementation schedule.

DELIVERABLES: *Draft SCADA Master Plan*
Final SCADA Master Plan

END OF BASIC SERVICES

TASK 600 – ADDITIONAL SERVICES

The following additional services are proposed for Project 24WP01, COS SCADA Master plan pursuant to the At

601 – Radio Pathloss Study

As a part of this optional task, the ENGINEER will analyze existing communication links based on data and feedback from the OWNER and conduct a virtual path study using Pathloss modeling software. The existing communication architecture (all sites and existing radio frequencies) will be modeled as a baseline for comparison against modeled architecture improvements. The modeled architecture improvements may include new communication tower options and/or additional/new radio frequencies, if found beneficial to the overall layout for the improved system architecture. Potential new remote locations will also be modeled to determine communication solutions for these sites at the OWNER's system expands. Written recommendations and analysis will be included in the network and communications TM and chapter of the master plan report.

DELIVERABLES: *Draft Radio Pathloss Study*
Final Radio Pathloss Study

602 – Physical Security Master Plan

As part of this optional task, the ENGINEER will develop a full security master plan as part of the SCADA master plan security assessment. Additional security workshops will be held to look at system-wide security needs for all utility facilities. The staff survey will be expanded to include additional security system related indicators such as security management, training, access controls, perimeter detection and protection, site monitoring, and administrative controls. Following workshops, assessments will be conducted on overall security system governance, physical access controls, electronic access controls, physical protection and intrusion preventions solutions, perimeter detection systems, facility monitoring systems, and security software platforms. These will be summarized as additional subsections of the physical security TM and broken out into a separate Security Master Plan report for future management of security planning separated from SCADA planning.

The first additional security workshop will focus on security governance and cover the following main topics:

- Security system Vision
- Necessary prevention and detection and acceptable risk
- Security personnel, staffing, and job responsibilities
- Policies and procedures
- Criticality of asset protection
- Lock and key management
- Incident response

Current procedures will be reviewed against industry best practices and previous recommendations from assessments such as the America's Water Infrastructure Act (AWIA).

The second additional security workshop will focus on security solutions and technologies and cover the following main topics:

- Electronic access controls
- Security video systems
- Perimeter security detection
- Security software platforms including access controls and video management systems

Current technologies and implementations will be reviewed against current industry solutions and aligned with OWNER security goals.

DELIVERABLES: *Draft Security Master Plan*
Final Security Master Plan

603 – AWIA Recertification

As part of this optional task, the ENGINEER will perform a review and update to the City's existing America's Water Infrastructure Act (AWIA) Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) based on the existing work, that was developed in 2020, to meet the AWIA 2025 requirements. This update will consider the physical security, operational procedures, water system configuration, cybersecurity, supply chain logistics, and other relevant factors that continue to contribute to the overall reliability and resilience of the City's water system assets. Delivery of the RRA and ERP will incorporate the recently updated American Water Works Association (AWWA) standard guidance, primarily the 2021 update to the AWWA J100 standard. These tasks will be completed to meet the update deadlines set by the Environmental Protection Agency (EPA) for RRA and ERP by March 31st, 2025 and September 30th, 2025, respectively.

The additional AWIA workshop will focus on resilience for all-hazards and emergency response and include the following main topics:

- General review of the existing AWIA RRA and ERP and recommendations
- Changes to existing hazards and threats
- New infrastructure added or planned to be added to the system
- Changes to regulations, such as emerging threats and contaminants
- Review of implementation status of the existing ERP
- Review of current AWIA and Utility ERPs

Hazards will be assessed in accordance with J-100 and new hazards identified in workshops included in the revised RRA. Outcomes of the RRA update will be documented in an RRA update report. After completion of the RRA, mitigation solutions and projects will be developed and documented in the ERP. A draft ERP will be developed, coordinated with the SCADA and Security Master Plans and current Capital Improvement Plan, to provide recommendations and projects to address risk and increase resilience.

DELIVERABLES: Draft and Final RRA Update report

Draft ERP

Final ERP

END OF ADDITIONAL SERVICES

GIS Digital Data Submission Requirements

The Engineer shall produce GIS and CAD files in such a way that allows the Owner to incorporate new or revised field data and information electronically into Owner's geographical record system. The submission requirements by the Engineer to the Owner for all files include the following criteria.

1. Digital Data Submission for GIS and CAD applies to all plan sheets submitted to the Owner including but not limited to site plans, design drawings, alignments, facilities drawings, easements, rights-of-way, as-builts and final plats.
2. Acceptable data formats in order of preference include:
 - a) ESRI Geodatabase (Personal or File)
 - b) ArcView Shapefiles
 - c) DXF (AutoCAD Drawing Exchange Format)
 - d) DWG (CAD drawing file)
3. Standard transfer media will be accepted on flash drives or through upload to cloud.
4. All drawing elements shall be submitted referencing the Oklahoma State Plane Coordinate System and will utilize the North American Datum of 1983 (NAD83) for horizontal control and be measured in US Feet (not meters).
 - a) Projection Name:
"NAD_1983_StatePlane_Oklahoma_North_FIPS_3501_Feet"
5. To expedite the conversion of CAD data, if so provided, into the Owner's GIS, the following requirements shall be met:
 - a) Closure is critical in converting CAD elements to GIS features, all polygon features (i.e. parcel boundaries) shall be 'snapped' closed.
 - b) Submitted files shall contain only complete point, polyline or polygon features.
 - c) The segregation of layering shall allow for each component to be individually isolated in its entirety.
 - d) Proposed and existing entities shall be on separate layers.
 - e) The submittal with its required layers shall not maintain any external references, attachments, or third party layers.
 - f) Drawing features and layers shall include descriptive attributes in a feature linked attribute table. See Table 1.

6. Digital submissions to the Owner shall only include the base and utility system layers listed in Table 1. At the Engineer's request, Owner will provide digital data schema conforming to and expanding Table 1.

Table 1: Digital Data Schema⁽¹⁾

Layer Name	Data Type	Layer Description	Attribute ⁽²⁾
Base			
Street	Polyline	Street Centerline	Streetname
Road_EOP	Polyline	edge of pavement	
Easement	Polyline	Easement	Type, Width
Lot	Polyline	Lot	Lot, Block number
Block	Polyline	Block	
Subdivision	Polyline	Subdivision	Subdivision name
Building	Polyline	Building Footprints	
Driveway	Polyline	Driveway	
Water			
wMain	Polyline	Water main	Size, Material
wSystemValve	Point	Water valve	Size, Type
wHydrant	Point	Fire hydrant	Manufacture
wFitting	Point	Water Fitting	Type, Size
wServiceConnection	Point	Water Meter	
Wastewater			
Sewerline	Polyline	Wastewater Mains	Size, Material
Manhole	Point	Wastewater Manholes	Type, Depth, Size
Stormwater			
swClosedChannels	Polyline	Stormwater Closed Channel	Type, Material ⁽²⁾
swOpenChannel	Polyline	Stormwater Open Channel	Type
swNetworkStructure	Point	Stormwater Structure	Type
swManhole	Point	Stormwater Manhole	Type, Size
swInlet	Point	Stormwater Inlet	Type, Dimension
swOutlet	Point	Stormwater Outlet	Type, Dimension
Electric			
PrimaryConductor	Polyline	Electric Main Line	
SecondaryConductor	Polyline	Electric Secondary Line	
TransformerBank	Point	Electric Transformer	
PowerPole	Point	Power Pole	
LightPole	Point	Light Pole	
(1) At the Engineer's request, Owner will provide digital data schema conforming to and expanding Table 1.			
(2) Additional attributes are available in Owner's digital data schema.			

Owner's Responsibilities

Article 2 of the Agreement is supplemented to include the following agreement of the parties.

B2.01 In addition to other responsibilities of Owner as set forth in this Agreement, Owner shall at its expense:

- A. Provide Engineer with all criteria and full information as to Owner's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations; and furnish copies of all design and construction standards which Owner will require to be included in the Drawings and Specifications; and furnish copies of Owner's standard forms, conditions, and related documents for Engineer to include in the Bidding Documents, when applicable.
- B. Furnish to Engineer any other available information pertinent to the Project including reports and data relative to previous designs, information regarding current SCADA and PLC hardware and software, or investigation at or adjacent to the Site.
- C. Following Engineer's assessment of initially-available Project information and data and upon Engineer's request, furnish or otherwise make available such additional Project related information and data as is reasonably required to enable Engineer to complete its Basic and Additional Services. Such additional information or data would generally include the following:
 - 1. Property descriptions.
 - 2. Zoning, deed, and other land use restrictions.
 - 3. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points.
 - 4. Explorations and tests of subsurface conditions at or contiguous to the Site, drawings of physical conditions relating to existing surface or subsurface structures at the Site, or hydrographic surveys, with appropriate professional interpretation thereof.
 - 5. Environmental assessments, audits, investigations, and impact statements, and other relevant environmental or cultural studies as to the Project, the Site, and adjacent areas.
 - 6. Data or consultations as required for the Project but not otherwise identified in the Agreement or the Exhibits thereto.

7. Owner frequencies for Telemetry system.
 8. Owner Cybersecurity policies and procedures with the Engineer's understanding that a non-disclosure agreement must be executed prior to obtaining this information.
 9. Owner preferences or standardization regarding field instrumentation, communications protocols, security hardware and software, PLC hardware and software, HMI hardware and software, SCADA software and hardware.
- D. Give prompt written notice to Engineer whenever Owner observes or otherwise becomes aware of the presence at the Site of any Constituent of Concern, or of any other development that affects the scope or time of performance of Engineer's services, or any defect or nonconformance in Engineer's services, the Work, or in the performance of any Contractor.
 - E. Authorize Engineer to provide Additional Services as set forth in Part 2 of Exhibit A of the Agreement as required.
 - F. Arrange for safe access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under the Agreement.
 - G. Examine all alternate solutions, studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by Engineer (including obtaining advice of an attorney, insurance counselor, and other advisors or consultants as Owner deems appropriate with respect to such examination) and render in writing timely decisions pertaining thereto.
 - H. Provide reviews, approvals, and permits from all governmental authorities having jurisdiction to approve all phases of the Project designed or specified by Engineer and such reviews, approvals, and consents from others as may be necessary for completion of each phase of the Project.
 - I. Recognizing and acknowledging that Engineer's services and expertise do not include the following services, provide, as required for the Project:
 1. Accounting, bond and financial advisory, independent cost estimating, and insurance counseling services.
 2. Legal services with regard to issues pertaining to the Project as Owner requires. ~~Contractor raises, or Engineer reasonably requests.~~
 3. Such auditing services as Owner requires to ascertain how or for what purpose Contractor has used the moneys paid.
 - J. Place and pay for advertisement for Bids in appropriate publications.
 - K. Advise Engineer of the identity and scope of services of any independent consultants employed by Owner to perform or furnish services in regard to the Project, including, but

not limited to, cost estimating, project peer review, facilitating/partnering, value engineering, and constructability review.

- L. Furnish to Engineer data as to Owner's anticipated costs for services to be provided by others (including, but not limited to, accounting, bond and financial, independent cost estimating, insurance counseling, and legal advice) for Owner so that Engineer may assist Owner in collating the various cost categories which comprise Total Project Costs.
- M. If Owner designates a construction manager or an individual or entity other than, or in addition to, Engineer to represent Owner at the Site, define and set forth as an attachment to this Exhibit B the duties, responsibilities, and limitations of authority of such other party and the relation thereof to the duties, responsibilities, and authority of Engineer.
- N. If more than one prime contract is to be awarded for the Work designed or specified by Engineer, designate a person or entity to have authority and responsibility for coordinating the activities among the various prime Contractors, and define and set forth the duties, responsibilities, and limitations of authority of such individual or entity and the relation thereof to the duties, responsibilities, and authority of Engineer as an attachment to this Exhibit B that is to be mutually agreed upon and made a part of this Agreement before such services begin.
- O. Attend the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job related meetings, and Substantial Completion and final payment visits to the Project.
- P. Provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Contract Documents, or to evaluate the performance of materials, equipment, and facilities of Owner, prior to their incorporation into the Work with appropriate professional interpretation thereof.
- Q. Provide Engineer with the findings and reports generated by the entities providing services to Owner pursuant to this paragraph.
- R. Inform Engineer in writing of any specific requirements of safety or security programs that are applicable to Engineer, as a visitor to the Site.
- S. Perform or provide the following additional services: *None identified.*

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Payments to Engineer for Services and Reimbursable Expenses

COMPENSATION PACKET BC 2: Basic Services—Standard Hourly Rates

Article 2 of the Agreement is supplemented to include the following agreement of the parties:

ARTICLE 2 – OWNER’S RESPONSIBILITIES

C2.01 Compensation For Basic Services And Additional Services (other than Resident Project Representative) – Standard Hourly Rates Method of Payment

A. Owner shall pay Engineer for Basic Services and Additional Services set forth in Exhibit A, except for services of Engineer’s Resident Project Representative, if any, as follows:

1. An amount equal to the cumulative hours charged to the Project by each class of Engineer’s personnel times Standard Hourly Rates for each applicable billing class for all services performed on the Project, plus Reimbursable Expenses and Engineer’s Consultants’ charges, if any.
2. Engineer’s Reimbursable Expenses Schedule and Standard Hourly Rates are attached to this Exhibit C as Appendices 1 and 2.
3. The total compensation for services under Paragraph C2.01 is estimated to be \$508,281 for Basic Services and \$122,905 for Additional Services based on the following estimated distribution of compensation:
 - a. SCADA Master Plan: \$508,281
 - b. Preliminary Design Phase \$0 (Future Amendment)
 - c. Final Design Phase ~~(short-term-recycle-pump-station)~~ \$0 (Future Amendment)
 - d. Bidding or Negotiating Phase \$0 (Future Amendment)
 - e. Construction Phase \$0 (Future Amendment)
 - f. Post-Construction Phase \$0 (Future Amendment)
 - g. Additional Services \$122,905(if authorized by Owner)
4. Engineer may, upon written approval by the Owner, alter the distribution of compensation between individual phases of the work noted herein to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by Owner. See also C2.03.C.2 below.
5. The total estimated compensation for Engineer’s services included in the breakdown by phases as noted in Paragraph C2.01.A.3 incorporates all labor, overhead, profit, Reimbursable Expenses and Engineer’s Consultants’ charges.

Page 1

Exhibit C –Compensation Packet BC-2: Basic Services (other than RPR) – Standard Hourly Rates Method of Payment

EJCDC E-500 Agreement Between Owner and Engineer for Professional Services.

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6. The amounts billed for Engineer's services under Paragraph C2.01 will be based on the cumulative hours charged to the Project during the billing period by each class of Engineer's employees times Standard Hourly Rates for each applicable billing class, plus Reimbursable Expenses and Engineer's Consultants' charges.
- ~~7. The Standard Hourly Rates and Reimbursable Expenses Schedule will be adjusted annually (as of _____) to reflect equitable changes in the compensation payable to Engineer.~~

C2.02 *Compensation For Reimbursable Expenses*

- A. Owner shall pay Engineer for all Reimbursable Expenses at the rates set forth in Appendix 1 to this Exhibit C.
- B. Reimbursable Expenses include the following categories: transportation and subsistence incidental thereto; providing and maintaining field office facilities including furnishings and utilities; toll telephone calls and mobile phone charges; reproduction of reports, Drawings, Specifications, Bidding Documents, and similar Project-related items in addition to those required under Exhibit A. In addition, if authorized in advance by Owner, Reimbursable Expenses will also include expenses incurred for the use of highly specialized equipment.
- C. The amounts payable to Engineer for Reimbursable Expenses will be the Project-related internal expenses actually incurred or allocated by Engineer, plus all invoiced external Reimbursable Expenses allocable to the Project, the latter multiplied by a factor of 1.0.

C2.03 *Other Provisions Concerning Payment*

- A. Whenever Engineer is entitled to compensation for the charges of Engineer's Consultants, those charges shall be the amounts billed by Engineer's Consultants to Engineer times a factor of 1.05.
- B. Factors. The external Reimbursable Expenses and Engineer's Consultants' factors include Engineer's overhead and profit associated with Engineer's responsibility for the administration of such services and costs.
- C. Estimated Compensation Amounts:
 1. Engineer's estimate of the amounts that will become payable for specified services are only estimates for planning purposes, are not binding on the parties, and are not the minimum or maximum amounts payable to Engineer under the Agreement.
 2. When estimated compensation amounts have been stated herein and it subsequently becomes apparent to Engineer that the total compensation amount thus estimated will be exceeded, Engineer shall give Owner written notice thereof, allowing Owner to consider its options, including suspension or termination of Engineer's services for Owner's convenience. Upon notice, Owner and Engineer promptly shall review the matter of services remaining to be performed and compensation for such services. Owner shall either exercise its right to suspend or terminate Engineer's services for Owner's convenience, agree to such compensation exceeding said estimated amount, or agree to a reduction in the remaining services to be rendered by Engineer, so that total compensation for such services

will not exceed said estimated amount when such services are completed. If Owner decides not to suspend the Engineer's services during the negotiations and Engineer exceeds the estimated amount before Owner and Engineer have agreed to an increase in the compensation due Engineer or a reduction in the remaining services, then Engineer shall be paid for all services rendered hereunder.

- D. To the extent necessary to verify Engineer's charges and upon Owner's timely request, Engineer shall make copies of such records available to Owner at cost.

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This is **Appendix 1 to EXHIBIT C**, consisting of _____ pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated _____, 2024_.

Reimbursable Expenses Schedule

Current agreements for engineering services stipulate that the Reimbursable Expenses are subject to review and adjustment per Exhibit C. Reimbursable expenses for services performed on the date of the Agreement are:

No Reimbursable expenses are anticipated for this project.

This is **Appendix 2 to EXHIBIT C**, consisting of _____ page(s), referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated _____, 2024_____.

Standard Hourly Rates Schedule

A. Standard Hourly Rates:

1. Standard Hourly Rates are set forth in this Appendix 2 to this Exhibit C and include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. The Standard Hourly Rates apply only as specified in Article C2.

B. Schedule:

Appendix 2 to Exhibit C		
Fee Schedule through December 31, 2024		
City of Stillwater SCADA Master Plan		
Project WT-24WP01		
City of Stillwater/Stillwater Utilities Authority		
<u>Category</u>		<u>Hourly Rate</u>
Engineers/Scientists		
Engineer II (EIT)		\$ 169.00
Engineer III- IV (Staff Professional)		\$ 183.00
Engineer V-VI (Professional)		\$ 202.00
Lead Project Professional		\$ 256.50
Senior Professional		\$ 262.50
Project Manager/ QC Manager		\$ 300.00
Lead Technical Advisor		\$ 305.50
Technicians		
Technicians		\$ 133.00
Senior Technicians		\$ 193.00
Support Staff		
Document Processing / Clerical		\$ 120.00
Project Equipment and Communication Expenses		\$ 14.70
Other Direct Expenses		
Travel and Subsistence		at cost
Mileage Charge Per Mile		\$ 0.655
Subconsultant		At Cost
Other Direct Costs		At Cost
Expert Witness		Rate x 2.0
This fee schedule is revised in January and July of every year.		

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This is **Appendix 3 to EXHIBIT C**, consisting of ____ page(s), referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated _____, 2024____.

Basis of Fee – Study and Report Phase Services

APPENDIX 3 to EXHIBIT C														
BASIS OF FEE														
PROJECT 24WP01 COS SCADA MASTER PLAN														
	Principal / Project Manager	Lead Technical Advisor	Senior Professional	Engineer V-VI	Engineer III-IV	Senior Technicians	Technicians	Document Processing / Clerical	TOTAL LABOR HOURS CAROLLO	Carollo PECE	CAROLLO TOTAL LABOR	SUBCONSULTANTS	OTHER DIRECT COSTS (ODC)	TOTAL FEE
	\$ 300.00	\$ 305.50	\$ 262.50	\$ 202.00	\$ 183.00	\$ 193.00	\$ 133.00	\$ 120.00		\$ 15		John Sander Sec		
Task 100 - Project Management QA/QC and Kickoff Meeting	94	48	46	0	40	0	0	16	244	\$ 3,587	\$ 67,766	\$ -	\$ 3,500	\$ 71,266
101 PM Staffing assignments, review work progress, and monthly progress reports	60								60	\$ 882	\$ 18,882	\$ -		\$ 18,882
102 Project Meetings	30		30		40			16	116	\$ 1,705	\$ 27,820	\$ -	\$ 3,500	\$ 31,320
103 QA/QC and Subconsultant Management	4	48	16						68	\$ 1,000	\$ 21,064	\$ -		\$ 21,064
									0	\$ -	\$ -			\$ -
Task 200 - Condition Assessment	80	0	88	108	60	0	0	40	376	\$ 5,527	\$ 90,223	\$ -	\$ 7,200	\$ 97,423
201 Review Existing Documentation	16		16	8					40	\$ 588	\$ 11,204	\$ -	\$ -	\$ 11,204
202 Staff Survey Development and Analysis	8		8	32				16	64	\$ 941	\$ 13,825	\$ -	\$ -	\$ 13,825
203 Conditional Asset Assessment	48		60	60	60			24	252	\$ 3,704	\$ 59,834	\$ -	\$ 7,200	\$ 67,034
204 Strategic Visioning	8		4	8					20	\$ 294	\$ 5,360	\$ -	\$ -	\$ 5,360
									0	\$ -	\$ -			\$ -
Task 300 - Technical Assessments	176	0	128	120	36	9	54	36	559	\$ 8,217	\$ 138,684	\$ 12,000	\$ 6,240	\$ 156,924
301 Technical Assessment Workshops	40		12	32	12				96	\$ 1,411	\$ 25,221		\$ 6,240	\$ 31,461
302 SCADA Governance	16			24				4	44	\$ 647	\$ 10,775		\$ -	\$ 10,775
303 SCADA Hardware	8		32	8	24			4	76	\$ 1,117	\$ 18,405		\$ -	\$ 18,405
304 SCADA Software	32		32	16		4	24	4	112	\$ 1,646	\$ 27,322		\$ -	\$ 27,322
305 Server and Network Systems	24		16	8		4	24	4	80	\$ 1,176	\$ 18,636		\$ -	\$ 18,636
306 Enterprise Data	16		24	24				4	68	\$ 1,000	\$ 17,428		\$ -	\$ 17,428
307 Security	24			8				4	36	\$ 529	\$ 9,825	\$ 12,000	\$ -	\$ 21,825
308 Present State Report	16		12			1	6	12	47	\$ 691	\$ 11,072		\$ -	\$ 11,072
									0	\$ -	\$ -			\$ -
Task 400 - Standards Development	112	0	108	204	8	4	24	20	480	\$ 7,056	\$ 118,042	\$ -	\$ 8,040	\$ 126,082
401 Data Analysis	72							4	76	\$ 1,117	\$ 23,197		\$ 2,680	\$ 25,877
402 PLC Programming Standards	16		48	80		4	24	6	178	\$ 2,617	\$ 40,861		\$ 2,680	\$ 43,541
403 SCADA Programming Standards	16		60	100				6	182	\$ 2,675	\$ 44,145		\$ 2,680	\$ 46,825
404 SCADA Standards	8			24	8			4	44	\$ 647	\$ 9,839			\$ 9,839
									0	\$ -	\$ -			\$ -
Task 500 - SCADA Master Plan and CIP	88	0	76	0	0	0	8	22	194	\$ 2,852	\$ 52,906	\$ -	\$ 3,680	\$ 56,586
501 Present State Validation	16		12						28	\$ 412	\$ 8,362		\$ 2,680	\$ 11,042
502 Project Planning	24		24					6	54	\$ 794	\$ 15,014		\$ 1,000	\$ 16,014
503 SCADA Master Plan	48		40				8	16	112	\$ 1,646	\$ 29,530			\$ 29,530
SUBTOTAL BASIC SERVICES	550	48	446	432	144	13	86	134	1853	\$ 27,239	\$ 467,621	\$ 12,000	\$ 28,660	\$ 508,281

APPENDIX 3 to EXHIBIT C															
BASIS OF FEE															
PROJECT 24WP01 COS SCADA MASTER PLAN															
		Principal / Project Manager	Lead Technical Advisor	Senior Professional	Engineer V-VI	Engineer III-IV	Senior Technicians	Technicians	Document Processing / Clerical	TOTAL LABOR HOURS CAROLLO	Carollo PECE	CAROLLO TOTAL LABOR	SUBCONSULTANTS	OTHER DIRECT COSTS (ODC)	TOTAL FEE
		\$ 300.00	\$ 305.50	\$ 262.50	\$ 202.00	\$ 183.00	\$ 193.00	\$ 133.00	\$ 120.00		\$ 15		John Saunders - Sec		
Task 600 - Additional Services															
601	Radio Pathloss Study	4		48						52	\$ 764	\$ 14,564			\$ 14,564
602S	Physical Security Master Plan									0	\$ -	\$ -	\$ 45,000	\$ -	\$ 45,000
603	AWIA Recertification	4			120				8	132	\$ 1,940	\$ 28,340			\$ 28,340
603S	AWIA Recertification Subconsultant									0	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
SUBTOTAL ADDITIONAL SERVICES		8	0	48	120	0	0	0	8	184	\$ 2,705	\$ 42,905	\$ 80,000	\$ -	\$ 122,905
TOTAL BASIC AND ADDITIONAL SERVICES -STUDY AND REPORT PHASE		558	48	494	552	144	13	86	142	2037	\$ 29,944	\$ 510,526	\$ 92,000	\$ 28,660	\$ 631,186

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Insurance

Paragraph 6.04 of the Agreement is supplemented to include the following agreement of the parties.

G6.04 Insurance

A. The limits of liability for the insurance required by Paragraph 6.04.A and 6.04.B of the Agreement are as follows:

1. By Engineer:

- | | |
|-------------------------------------|-------------------------------------|
| a. Workers' Compensation: | Statutory |
| b. Employer's Liability: | \$1,000,000 Aggregate Comprehensive |
| c. General Liability | |
| 1) Bodily Injury; each occurrence | \$500,000 |
| 2) Property Damage; each occurrence | \$500,000 |
| 3) General Aggregate: | \$1,000,000 |
| d. Professional Liability- | |
| 1) Annual Aggregate | \$1,000,000 |
| e. Automobile liability | |
| 1) Bodily Injury; each person | \$300,000 |
| 2) Property Damage; each occurrence | \$1,000,000 |

The Stillwater Utilities Authority shall be named an additional insured on the Comprehensive General Liability policy in amounts equal to the liability limits for political subdivisions set forth in the Oklahoma Governmental Tort Claims Act, 51 O.S. §151, et seq. Provided, however, this shall not preclude the Insured from carrying insurance in amounts exceeding said liability limits so long as the SUA is not named as an additional insured in any amount in excess of said statutory liability limits.

B. *Additional Insureds:*

1. The Owner shall be listed on Engineer's general liability policy as provided in Paragraph 6.04.A.

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(Exhibit G – Insurance)

EJCDC E-500 Agreement Between Owner and Engineer for Professional Services.

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RESOLUTION NO. SUA-2024-6

**A RESOLUTION OF THE STILLWATER UTILITIES AUTHORITY
AUTHORIZING IMPLEMENTATION OF A HOME ENERGY AUDIT PILOT
PROGRAM FOR ELECTRIC UTILITY CUSTOMERS**

WHEREAS, the Stillwater Utilities Authority has received a sponsorship in the amount of \$15,000 from the Grand River Dam Authority for the purpose of conducting a Home Energy Audit pilot program for its electric utility customers; and

WHEREAS, a home energy audit is often the first step in making a customer's home more efficient and can help customers to assess how much energy their home uses and evaluate what measures can be taken to improve efficiency; and

WHEREAS, the Home Energy Audit program is a free program implemented to help its electric utility customers make energy-efficiency improvements to their homes; and

WHEREAS, SUA finds that implementation of a Home Energy Audit pilot program that assists its customers with a tool to implement energy-efficiency improvements is in the best interest of its customers;

NOW THEREFORE BE IT RESOLVED BY THE TRUSTEES OF THE STILLWATER UTILITIES AUTHORITY:

SECTION 1: That the Stillwater Utilities Authority hereby authorizes implementation of a Home Energy Audit Pilot Program for electric utility customers.

SECTION 2. That the Stillwater Utilities Authority hereby adopts the Home Energy Audit Pilot Program Guidelines as attached hereto in ATTACHMENT A.

PASSED AND APPROVED THIS 5TH DAY OF AUGUST, 2024.

WILLIAM H. JOYCE, CHAIR

(SEAL)

ATTEST:

TERESA KADAVY, SECRETARY

APPROVED AS TO FORM AND LEGALITY THIS 5TH DAY OF AUGUST, 2024.

KIMBERLY CARNLEY, GENERAL COUNSEL

Home Energy Audit Pilot Program Guidelines

Requesting a Home Energy Audit

City of Stillwater Electric Utility Customers interested in requesting an on-site Home Energy assessment may do so by completing a form online on the City's website.

The online form will request the following information:

Name

Email

Address

Phone Number

Whether the phone number provided can receive text messages for scheduling

Home Type (Traditional Construction/Manufactured Home)

Year of Construction

Additional Information Box – Customers may provide additional information about scheduling or any issues or concerns with their home that they would like us to know about

The form shall contain the following Disclaimer and Contact Info:

By submitting this form, I understand that I will be contacted by Precise Building Performance, LLC (independent contractor) about scheduling the free home energy assessment. If you need to contact us about your scheduling assessment or questions about this program, please contact:

Russell Philpott

Precise Building Performance, LLC

Phone: 580-512-9911

Email: russell@precisebp.com

SUA Representative contact:

Brian Ritthaler

Phone: 405-742-8331

Email: brian.ritthaler@stillwater.org

Eligibility to receive a free Home Energy Audit

Any City of Stillwater Electric Utility Customer whose home is 10 years or older is eligible to receive one free on-site Home Energy Audit performed by SUA's contractor, CONTRACTOR. The Home Energy Audits will be scheduled on a first-come, first-served basis until program funds have been exhausted.

Pilot Program Budget

The Home Energy Audit Pilot Program shall be funded solely from a \$15,000 sponsorship received from Grand River Dam Authority for such purpose. Precise Building Performance, LLC shall invoice SUA for the performance of in-home energy audits on a monthly basis and SUA

shall pay the Contractor directly for performing the home energy audits. The Contractor shall not bill any individual customer for performing the in-home energy audit and SUA shall only make payment directly to the Contractor after services have been performed and invoiced to SUA.

Pilot Program Report to Trustees

Upon completion of the pilot program, SUA staff shall prepare a report to the SUA Trustees that outlines the interest of the program, number of Electric Utility Customers who utilized the program, and any proposals or staff recommendations to continue the program.