REIMBURSEMENT AGREEMENT

This AGREEMENT made this ____ day of _____, 20__, by and between AT&T Enterprises, LLC., on behalf of itself and its affiliated companies, which has a place of business at 3450 Riverwood Parkway SE, Room 162, Atlanta, GA 30339 ("AT&T") and The City of Joplin, which has a place of business at **602 South Main Street Joplin, MO 64801.**

WITNESSETH:

WHEREAS, AT&T is a grantee of a Jasper County Permit that allows the installation, relocation and maintenance of Fiber Optic (Telecommunications) facilities located within Jasper County, State of Missouri (the "Easement"); and

WHEREAS, the Easement and any AT&T buried cable and associated facilities that have been placed within the Easement will be adversely impacted by Developer's proposed construction within the Easement strip; and

WHEREAS, Developer will reimburse AT&T for AT&T's cost of protecting, relocating and/or lowering sections of the AT&T Fiber Optic Cable located on the Springfield, MO to Joplin, MO fiber optic route at/near Zora Rd., Joplin Missouri ((the "Cable");

NOW THEREFORE, the parties agree as follows:

1. AT&T will provide engineering, plant protection, labor, materials, and supervision necessary to protect, relocate and/or lower the Cable, as deemed necessary in AT&T's sole judgment (the "Work"). The Work is more particularly described in attached Exhibit A. The starting date will be set by the parties so that the Work can be completed as expeditiously as practicable.

2. Developer shall pay AT&T the actual cost of the Work, which is estimated to be One Hundred Forty Eight Thousand Seven Hundred Twenty Seven Dollars 28/100 ($148,727.28), as shown on attached Exhibit B. Developer acknowledges that the estimated cost does not include rock removal costs and that if rock removal is required, the actual cost may greatly exceed the estimated cost. Upon completion of the Work, AT&T will send a final invoice to Developer for the actual cost of the Work. If the actual cost is greater than the estimated amount, Developer will pay to AT&T the difference within thirty (30) days from the invoice date. If the actual cost is less than the estimated amount, AT&T shall reimburse Developer the difference within sixty (60) days from the invoice date.

3. Developer agrees to exercise all due caution while working near the Cable, in order to prevent damage to the Cable. Developer agrees:

(a) to notify AT&T by telephone at 1-800 252-1133 at least forty-eight (48) hours prior to performing any construction, demolition or repairs at the Cable location;

(b) not to use at the Cable location any tool, equipment, or the machinery capable of being operated within ten (10) feet of the Cable;

(c) to perform construction, demolition, repair, modifications, additions and any other activities in compliance with all applicable laws and regulations and in a manner that does not interfere with the operations of AT&T; and

(d) not to work at the Cable location without AT&T's prior authorization and AT&T's On-Site Work Force personnel being present during the work.

4. Developer (the "Indemnifying Party") shall indemnify, defend and hold harmless AT&T (the "Indemnified Party") from and against any and all claims, demands, actions, losses, damages, assessments, charges, judgments, liabilities, costs and expenses (including reasonable attorneys' fees and disbursements) that may from time to time be asserted by third parties against the Indemnified Party because of any personal injury, including death, to any person or loss of, physical damage to or loss of use of real or tangible personal property, to the extent caused by the negligence or misconduct of the Indemnifying Party, its agents, employees or contractors. For purposes of indemnifications set forth in this Agreement, "Indemnified Party" means AT&T, its affiliates, subsidiaries, parent, successors and assigns and its and their employees, directors, officers, agents, contractors and subcontractors. The Indemnified Party:

4.1 shall notify the Indemnifying Party in writing promptly upon learning of any claim or suit for which indemnification may be sought, provided that failure to do so shall have no effect except to the extent the Indemnifying Party is prejudiced thereby;

4.2 shall have the right to participate in such defense or settlement with its own counsel and at its own expense, but the Indemnifying Party shall have control of this defense or settlement; and

4.3 shall reasonably cooperate with the defense.

5. AT&T MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANITES AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

6. NOTWITHSTANDING ANY PROVISION OF THIS AGREEMENT TO THE CONTRARY, EXCEPT AS PROVIDED IN SECTION 4, IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER PARTY FOR ANY SPECIAL, INCIDENTIAL, INDIRECT, PUNITIVE, RELIANCE OR CONSEQUENTIAL DAMAGES, WHETHER FORESEEABLE OR NOT, INCLUDING , BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE, COST OF CAPITAL, COST OF

REPLACEMENT SERVICES, OR CLAIMS OF CUSTOMERS OR OF OTHER THIRD PARTIES, OCCASIONED BY ANY CAUSE WHATSOEVER, INCLUDING, WITHOUT LIMITATION, BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE OR STRICT LIABILITY.

7. Developer shall keep the Cable and other property of AT&T free from all mechanic's, artisan's, materialman's, architect's, or similar services' liens which arise in any way from or as a result of its activities and cause any such liens which may arise to be discharged or released.

8. Except for payment of the cost of the Work, neither party shall have any liability for its delays or its failure in performance due to: fire, explosion, pest damage, power failures, strikes or labor disputes, acts of God, the Elements, war, civil disturbances, acts of civil or military authorities or the public enemy, inability to secure raw materials, transportation facilities, fuel or energy shortages, or other causes beyond its control, whether or not similar to the foregoing.

9. A party shall be in default if it fails to perform or observe any material term or condition of this Agreement and the failure continues unremedied for thirty (30) days after receipt of written notice (fourteen (14) days in the case of Developer's failure to pay

AT&T the estimated and/or actual cost of the Work); provided, however, that when such default (excluding Developer's non-payment) cannot reasonably be cured within such thirty (30) day period, this period will be extended if that party promptly commences to cure the same and prosecutes such curing with due diligence. Upon the default by a party, the other party may terminate this Agreement and pursue any legal remedies it may have under applicable law or principles of equity.

10. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors or assigns. Developer shall not assign, transfer, or dispose of this Agreement or any of its rights or obligations hereunder without prior written consent of AT&T; provided, however, that Developer may assign or transfer this Agreement to a controlling or controlled affiliate or to a successor in the event of reorganization, including a merger or sale of substantially all of its assets, without the consent of AT&T. An assignment, transfer or disposition of this Agreement by Developer shall not relieve Developer of any of its obligations under this Agreement. AT&T shall have the right to assign this Agreement and to assign its rights and delegate its obligations and liabilities under this Agreement, either in whole or in party, to any party. An assignment, transfer or disposition of this Agreement by AT&T shall not relieve AT&T of any of its obligations under this Agreement. Neither this Agreement, nor any term or provision hereof, nor any inclusion by reference shall be construed as being for the benefit of any person or entity not a signatory hereto.

11. Any demand, notice or other communication to be given to a party in connection with this Agreement shall be given in writing and shall be given by personal delivery, by registered or certified mail, return receipt requested, or by commercial overnight delivery

service addressed to the recipient as set forth below or to such other address or individual, as may be designated by notice given by the party to the other:

AT&T:

AT&T Enterprises LLC.
3450 Riverwood Parkway SE
Room 162-RW
Atlanta, GA 30339
Attention: Rodrick Waters

With a copy to:

AT&T Enterprises LLC.
One AT&T Way
Room: 3A105
Bedminster, New Jersey 07921
Attention: AT&T Legal - Network Services

Developer:

City of Joplin
602 S. Main St.
Joplin, MO
Attn: Director of Public Works

Any demand, notice or other communication given by personal delivery shall be conclusively deemed to have been given on the day of actual delivery thereof and if given by registered or certified mail, return receipt requested or by commercial overnight delivery service on the date of receipt thereof.

12. The failure of either party hereto to enforce any of the provisions of this Agreement, or the waiver thereof in any instance, shall not be construed as a general waiver or relinquishment on its part of any such provision, and said provision shall nevertheless be and remain in full force and effect.

13. This Agreement shall be governed by and construed in accordance with the domestic laws of the State of New York without reference to its choice of law principles.

14. Each party represents and warrants that:

(a) It has full right and authority to enter into, execute, deliver and perform its obligations under this Agreement;

(b) It has taken all requisite corporate action to approve the execution, delivery and performance of this Agreement;

(c) This Agreement constitutes a legal, valid and binding obligation enforceable against such party in accordance with its terms, subject to bankruptcy, insolvency, creditors' rights and general equitable principles; and

(d) Its execution of and performance under this Agreement shall not violate any applicable existing regulations, rules, statutes, or court orders of any local, state or federal government agency, court or body.

15. This Agreement constitutes the entire and final agreement and understanding between the parties with respect to the subject matter hereof and supersedes all prior oral and written communications, understandings and agreements relating to the subject matter hereof, which are of no further force or effect. The Exhibits referred to herein are an integral part hereof and are hereby made a part of this Agreement. This Agreement may only be modified or supplemented by an instrument in writing executed by a duly authorized representative of each party.

16. Each action or claim against any party arising under or relating to this Agreement shall be made only against such party as a corporate, and any liability relating thereto shall be enforceable only against the corporate assets of such party. No party shall seek to pierce the corporate veil or otherwise seek to impose any liability relating to, or arising from, this Agreement against any shareholder, employee, officer or director of the other party. Each of such persons is an intended beneficiary of the mutual promises set forth in this Section 16 and shall be entitled to enforce the obligations of this Section 16.

17. The relationship between the parties shall not be that of partners, agents or joint ventures for one another, and nothing contained in this Agreement shall be deemed to constitute a partnership or agency agreement between them for any purposes, including, but not limited to federal income tax purposes. The parties, in performing any of their obligations hereunder, shall be independent contractors or independent parties and shall discharge their contractual obligations at their own risk.

18. This Agreement and each of the parties' respective rights and obligations under this Agreement shall be binding upon and shall inure to benefit of the parties and each of their respective permitted successors and assigns.

19. No provision of this Agreement shall be interpreted to require any unlawful action by either party. If any section or clause of this Agreement is held to be invalid or unenforceable, then the meaning of that section or clause shall be construed so as to render it enforceable to the extent feasible. If no feasible interpretation would save the section or clause, it shall be severed from this Agreement with respect to the matter in question, and the remainder of the Agreement shall remain in full force and effect. However, in the event such a section or clause is an essential element of the Agreement,

the parties shall promptly negotiate a replacement that will achieve the intent of such unenforceable section or clause to the extent permitted by law.

20. This Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their authorized representatives as of the date first above set forth.

City of Joplin	**AT&T Entreprises LLC**
By:_____	By: _____
Name: Dan Johnson	Name: Todd R. Gregory
Title: Director of Public Works	Title: Sr. Network Proj/Prog Mgmt.

EXHIBIT A

THE WORK

EXHIBIT A

CLLI CODE: JPLNMOU001
PROJECT NUMBER: A0XXXX
SPECIFICATION:

VICINITY MAP



ZORA ROAD RELOCATION
JOPLIN MO

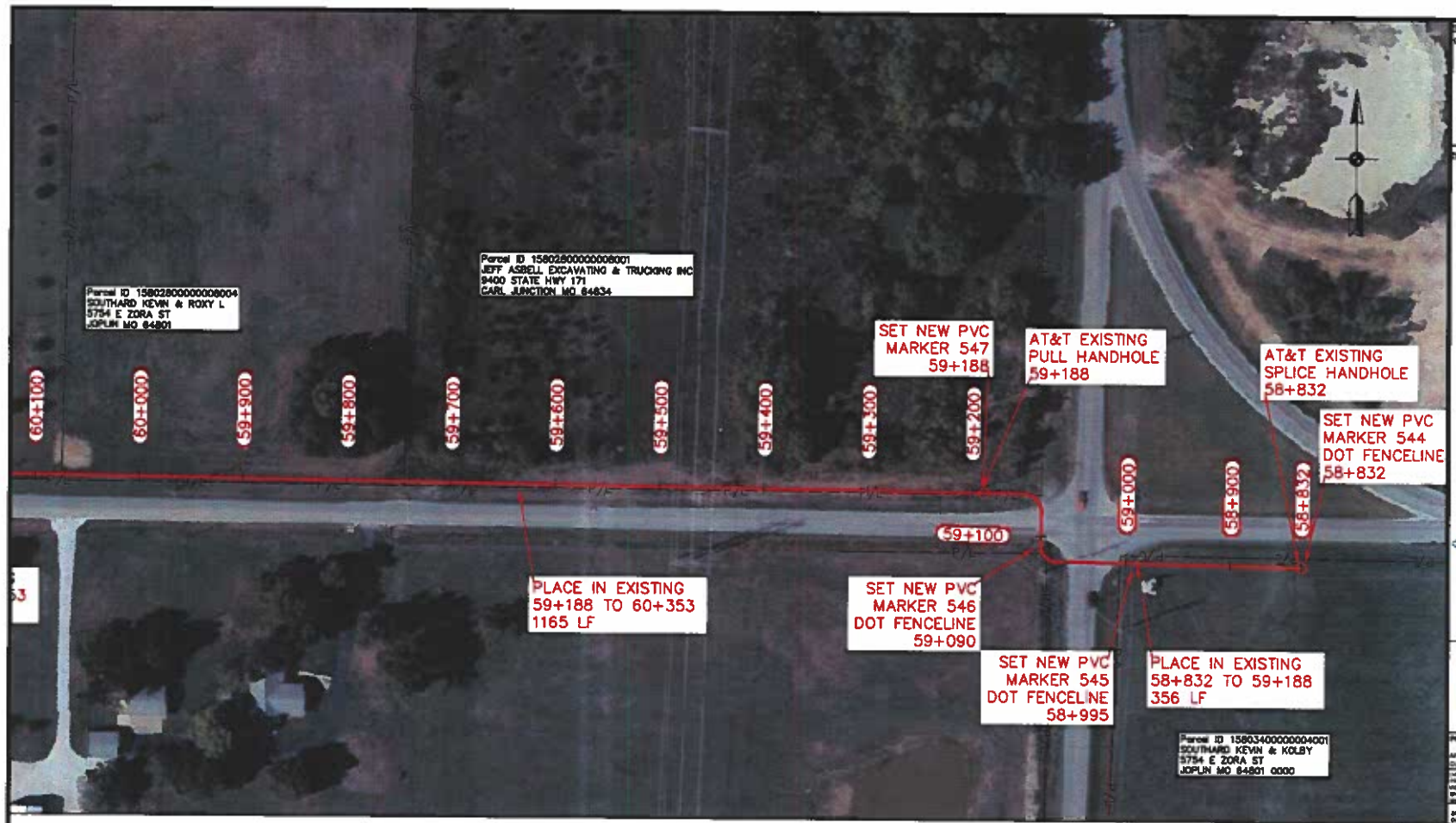
SPRINGFIELD TO JOPLIN
CARTHAGE TO JOPLIN

SDT

A UniTek Global Services Company

ISSUED FOR CONSTRUCTION
MARCH 14, 2025

at&t



R/W WIDTH PERMITS DETAILS B

COUNTY PERMIT #
COUNTY FILE #

R/W WIDTH PERMITS B DETAILS

TO JOPLIN

TO CARTHAGE

SEE DWG. DN002 60+100

3-1.25 I.D. HDPE

W.W. = 1165'

75' COIL SLACK

EXISTING PULL HH 59+188 30"X48"X16"

1.5" HDPE
59+188
60+353
1165'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
PLACE IN EXISTING

W.W. = 356'

75' COIL SLACK

EXISTING SPLICE HH 58+832 30"X48"X18"

1.5" HDPE
58+832
59+188
356'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
PLACE IN EXISTING

3-1.25 I.D. HDPE

SEE DWG. SW11748 SHEET 34A 58+832

CONSTRUCTION DRAWINGS: 3-14-25

ZORA RD RELOCATION

SDT

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at&t

PREPARED FOR RECORD

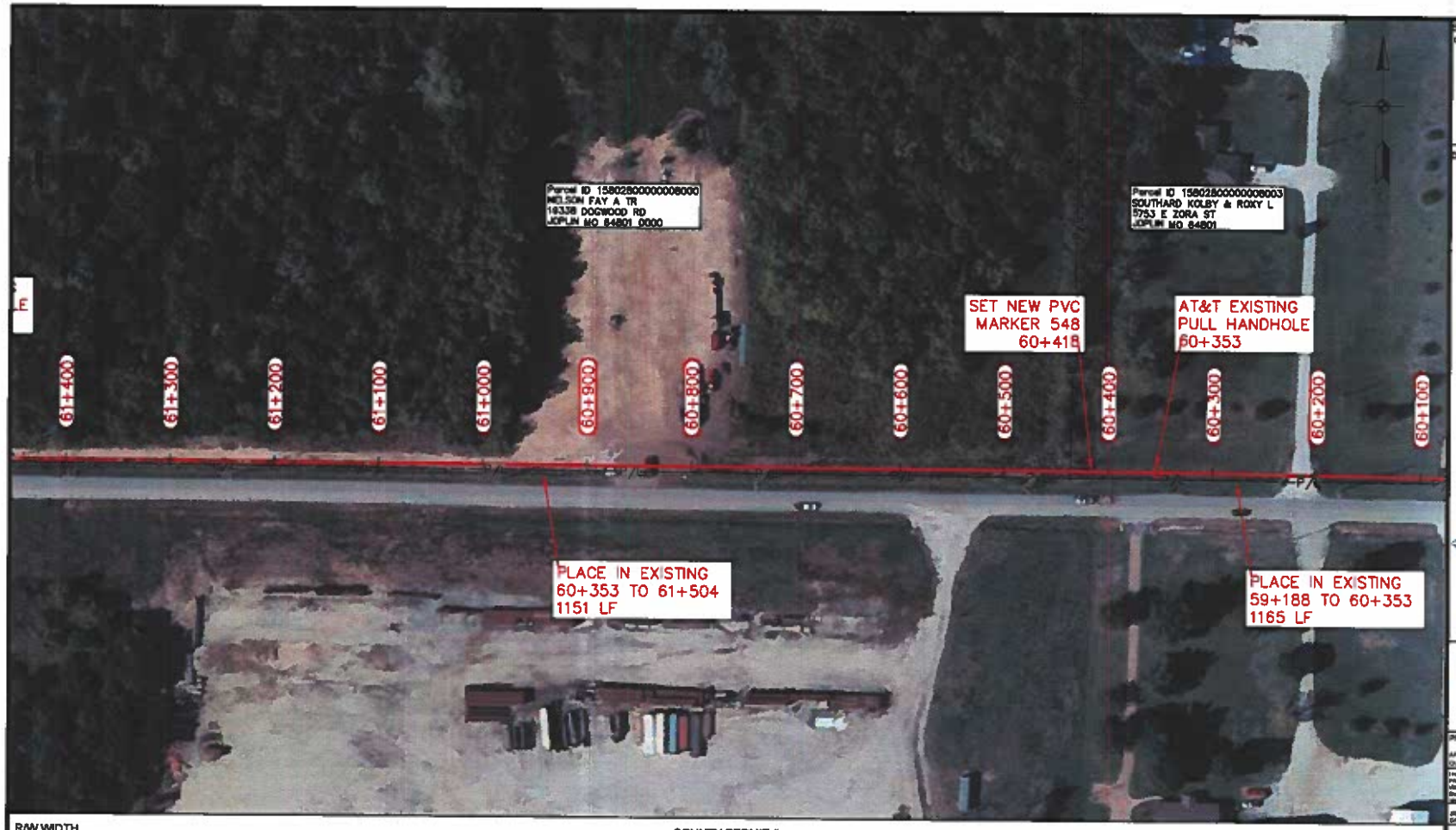
PROPRIETARY

SCALE 1" = 100'

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN001



R/W WIDTH PERMITS DETAILS B

COUNTY PERMIT #
COUNTY FILE #

R/W WIDTH PERMITS & DETAILS

TO JOPLIN

TO CARTHAGE

SEE DWG. DN003 61+400

W.W. = 1151'

3-1.25 I.D. HDPE

1.5" HDPE
60+353
61+504
1151'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
PLACE IN EXISTING

75' COIL SLACK

EXISTING PULL HH 60+353 30"X48"X18"

W.W. = 1165'

1.5" HDPE
59+188
60+353
1165'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
PLACE IN EXISTING

3-1.25 I.D. HDPE

SEE DWG. DN001 60+100

CONSTRUCTION DRAWINGS: 3-14-25

ZORA RD RELOCATION

SDT

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at&t

PREPARED FOR RECORD

APPROVED FOR OUTSIDE PLANT ENGINEER DATE

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF

SIGNED DATE REG. NO.

PROPRIETARY

USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION

PROJECT NUMBER

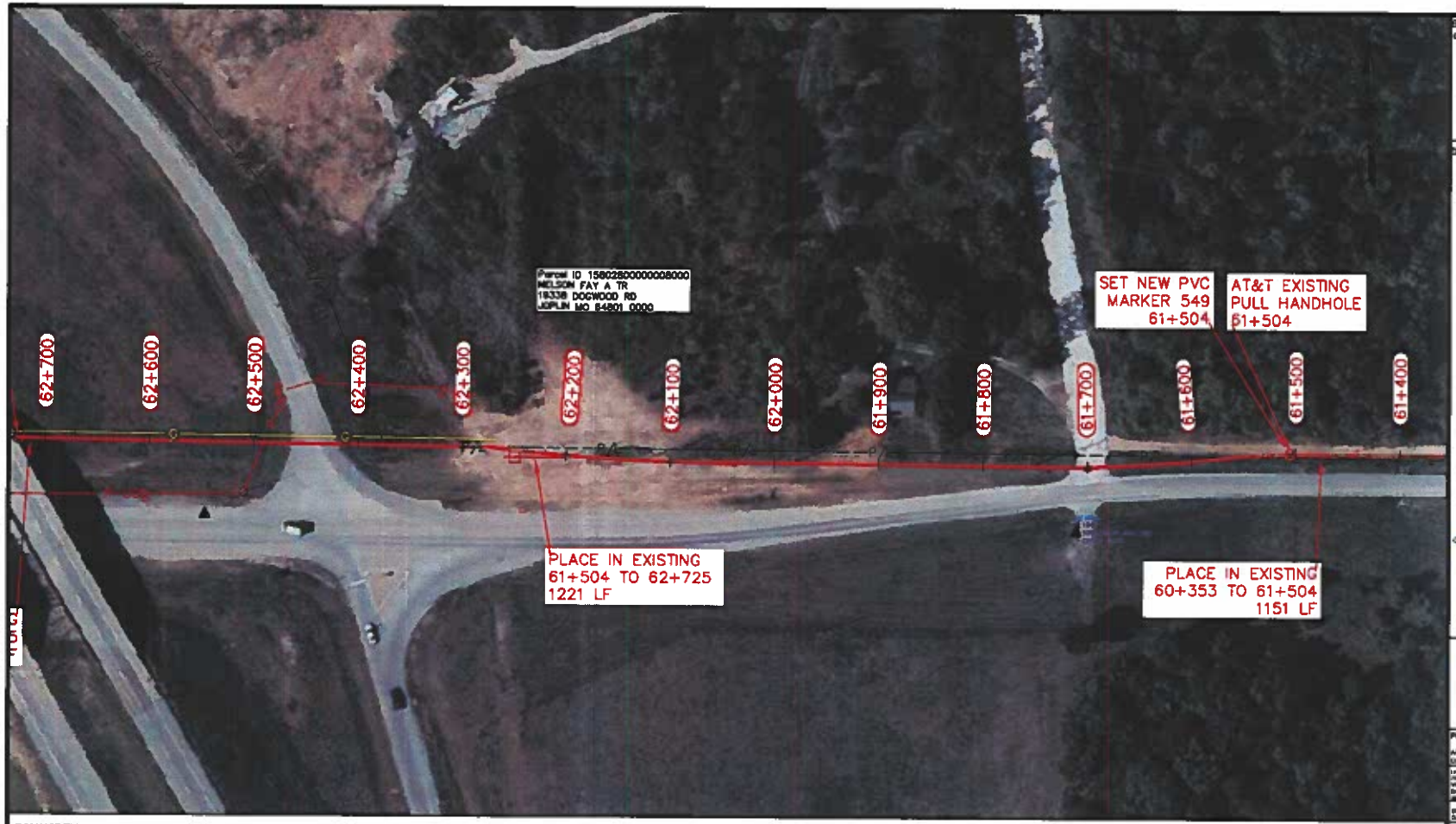
CONNECTED AT&T
LINE CODE F404
CABLE CLLI JPLNMOJD01

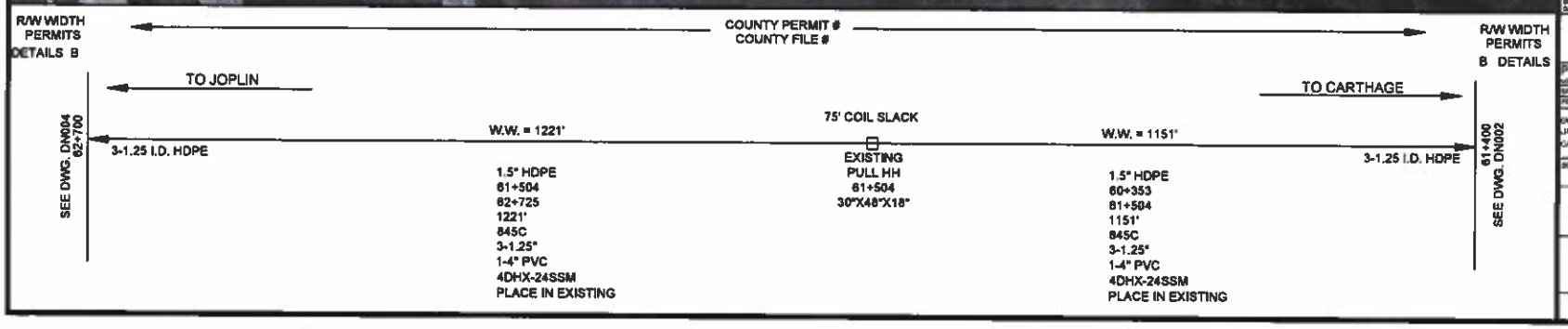
SCALE 1" = 100'

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN002





CONSTRUCTION DRAWINGS 3-14-25

ZORA RD RELOCATION

SDT

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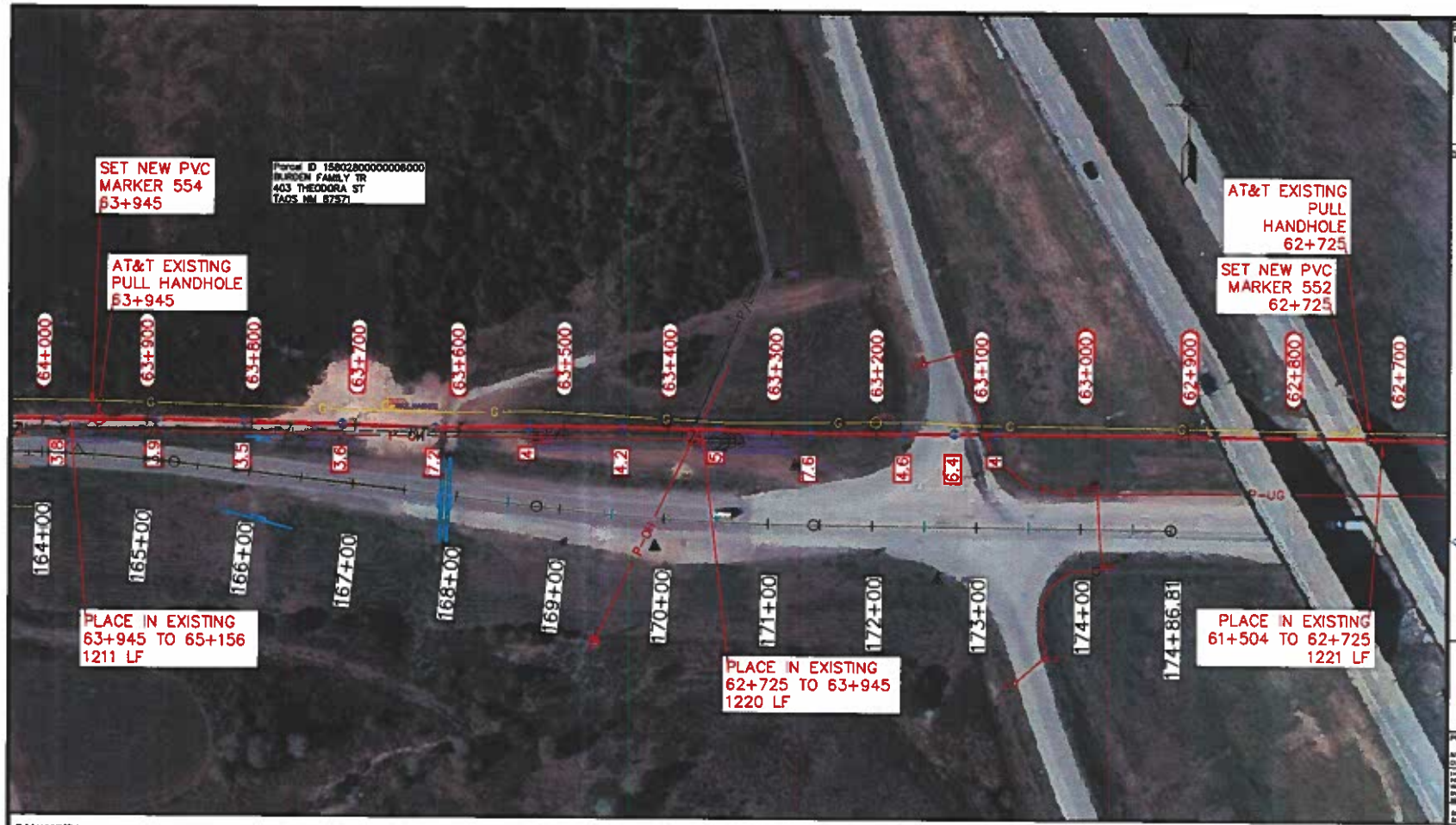
PREPARED FOR RECORD

PROPRIETARY

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN003



R/W WIDTH PERMITS DETAILS B

COUNTY PERMIT #
COUNTY FILE #

R/W WIDTH PERMITS B DETAILS

TO JOPLIN

TO CARTHAGE

SEE DWG. DN005 64+000

3-1.25 I.D. HDPE

W.W. = 1211'

1.5" HDPE
63+945
65+156
1211'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
PLACE IN EXISTING

75' COIL SLACK

EXISTING PULL HH 63+945 30"X48"X18"

W.W. = 1220'

1.5" HDPE
62+725
63+945
1220'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
PLACE IN EXISTING

75' COIL SLACK

EXISTING PULL HH 62+725 30"X48"X18"

W.W. = 1221'

1.5" HDPE
61+504
62+725
1221'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
PLACE IN EXISTING

3-1.25 I.D. HDPE

62+700 SEE DWG. DN003

CONSTRUCTION DRAWINGS: 3-14-25

ZORA RD RELOCATION

SDT

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at&t

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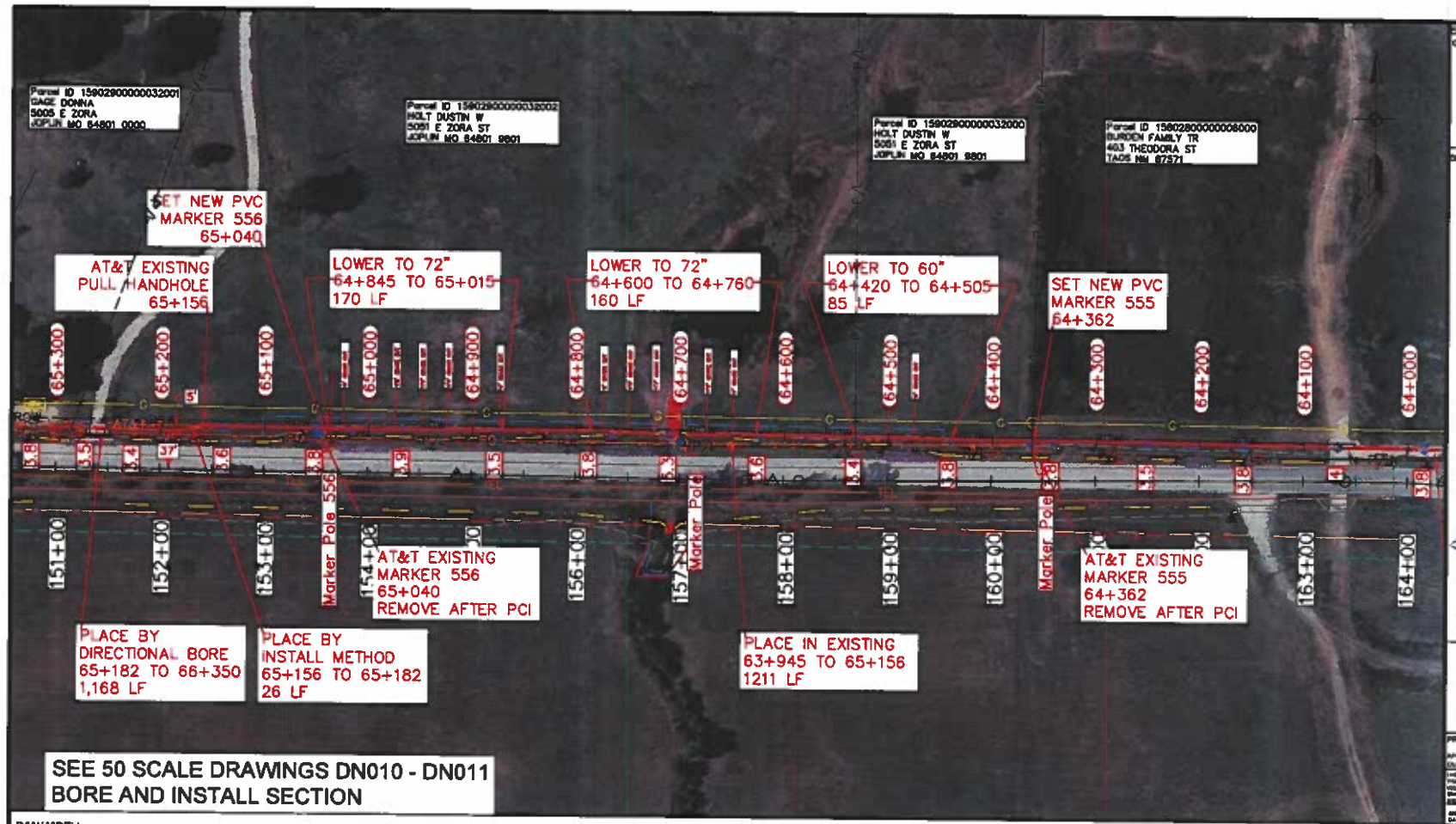
PROPRIETARY

SCALE 1" = 100'

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN004



R/W WIDTH PERMITS DETAILS B

COUNTY PERMIT #
COUNTY FILE #

R/W WIDTH PERMITS B DETAILS

TO JOPLIN

TO CARTHAGE

SEE DWG. DN006 65+300

W.W. = 1217'

75' COIL SLACK

W.W. = 1211'

3-1.25 I.D. HDPE

3-1.25 I.D. HDPE

SEE DWG. DN004 64+000

1.5" HDPE 65+182 66+350 1168' 845C 3-1.25" 1-4" PVC 4DHX-24SSM BORE	1.5" HDPE 65+156 65+182 26' 845C 3-1.25" 1-4" PVC 4DHX-24SSM INSTALL	EXISTING PULL HH 65+158 30"X48"X18"	1.5" HDPE 64+845 65+015 170' 845C 3-1.25" 1-4" PVC 4DHX-24SSM LOWER TO 72" DOC	1.5" HDPE 64+600 64+760 160' 845C 3-1.25" 1-4" PVC 4DHX-24SSM LOWER TO 72" DOC	1.5" HDPE 64+420 64+505 85' 845C 3-1.25" 1-4" PVC 4DHX-24SSM LOWER TO 60" DOC	1.5" HDPE 63+945 65+156 1211' 845C 3-1.25" 1-4" PVC 4DHX-24SSM PLACE IN EXISTING

CONSTRUCTION DRAWINGS: 3-14-25

ZORA RD RELOCATION

SDT

A UniTek Global Services Company

at&t

PREPARED FOR RECORD

PROPRIETARY

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN005



CONSTRUCTION DRAWINGS: 3-14-25

NOTES

ZORA RD RELOCATION

SDT

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APPROVED FOR OUTSIDE PLANT DATE

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF

SIGNED DATE

PROPRIETARY

PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION

PROJECT NUMBER

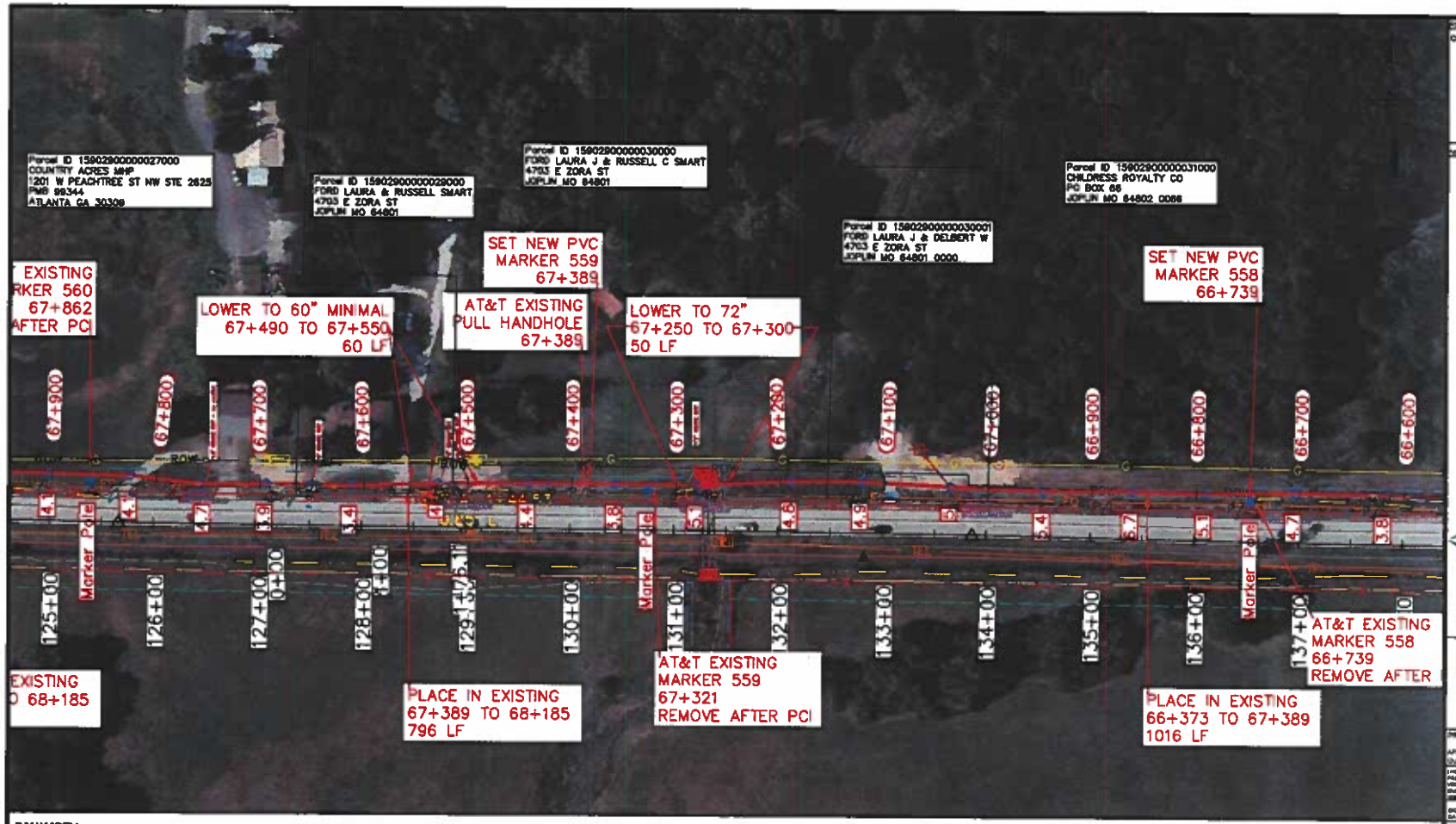
OWNERSHIP AT&T
LINE CODE F404
CABLE CLLI JPLMOLG001

SCALE 1" = 100'

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN006



CONSTRUCTION DRAWINGS 3-14-25

ZORA RD
RELOCATION

SDT

A UniTek Global Services Company

at&t

PREPARED FOR RECORD

PROPRIETARY

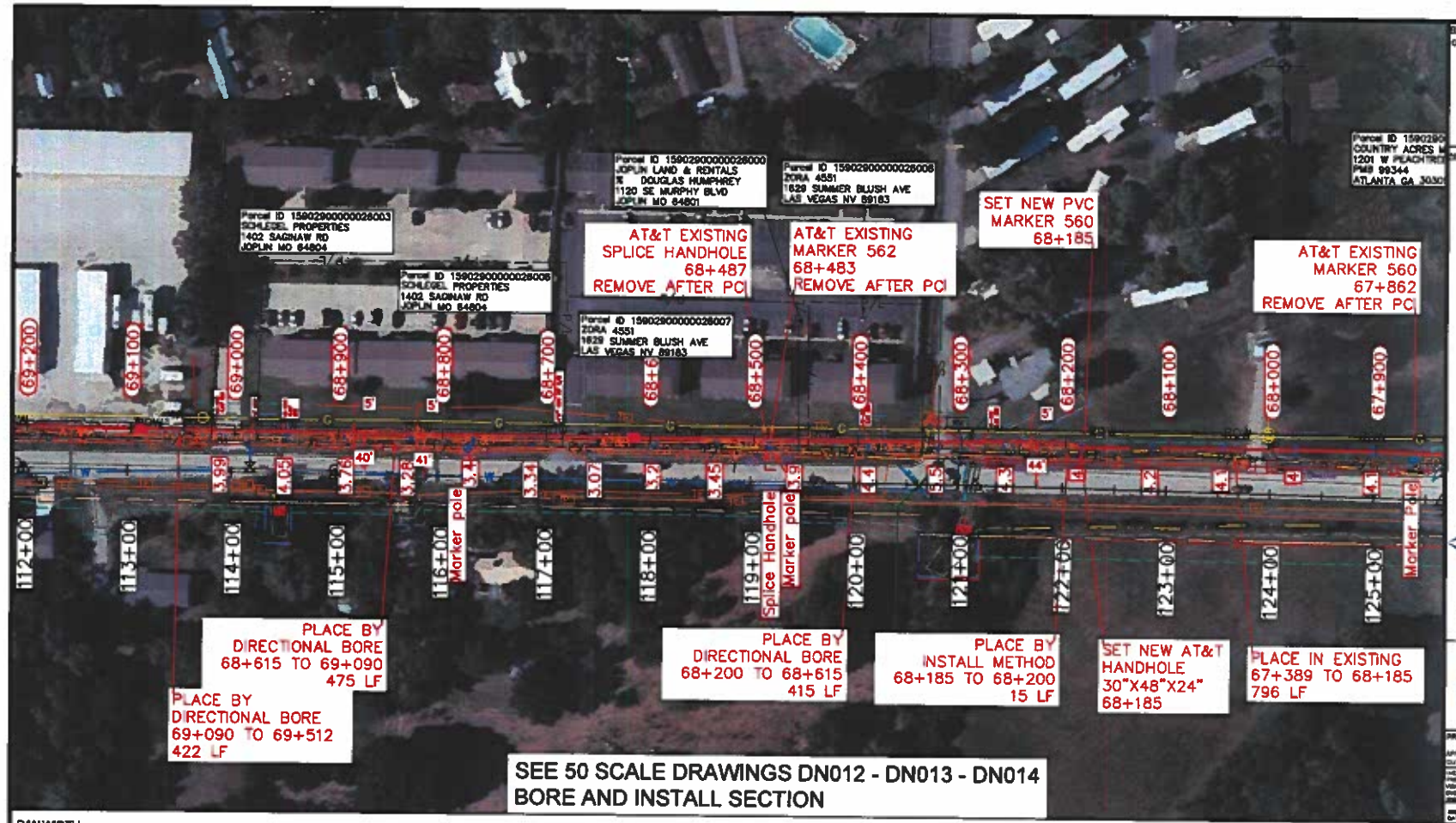
OWNERSHIP AT&T
LINE CODE F404
CABLE CLLI JPLMAOU001

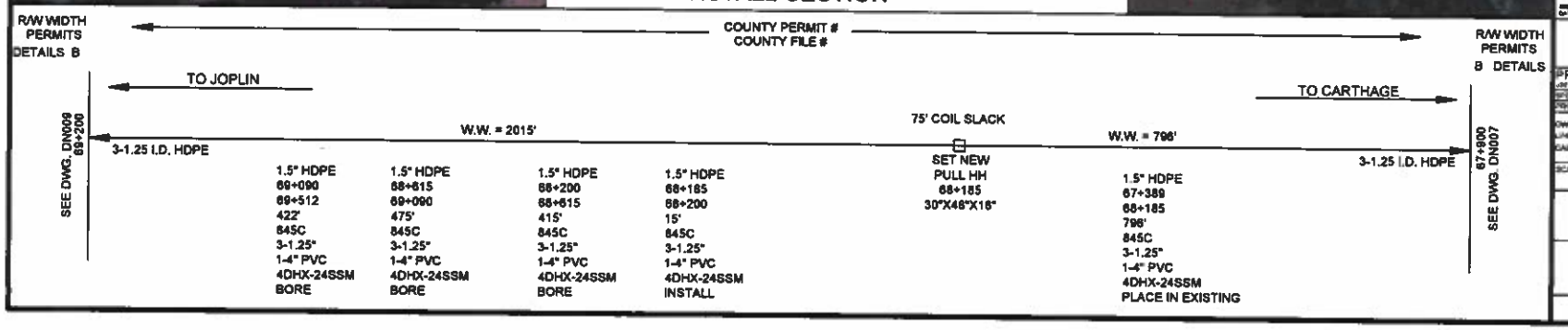
SCALE 1" = 100'

SPRINGFIELD MO
TO JOPLIN MO
LIGHTGUIDE CABLE

CARTHAGE REGEN
TO JOPLIN POP
DETAILED CONSTRUCTION
DRAWINGS

DN007





CONSTRUCTION DRAWINGS 3-14-25

ZORA RD RELOCATION

SDT

A UniTek Global Services Company

at&t

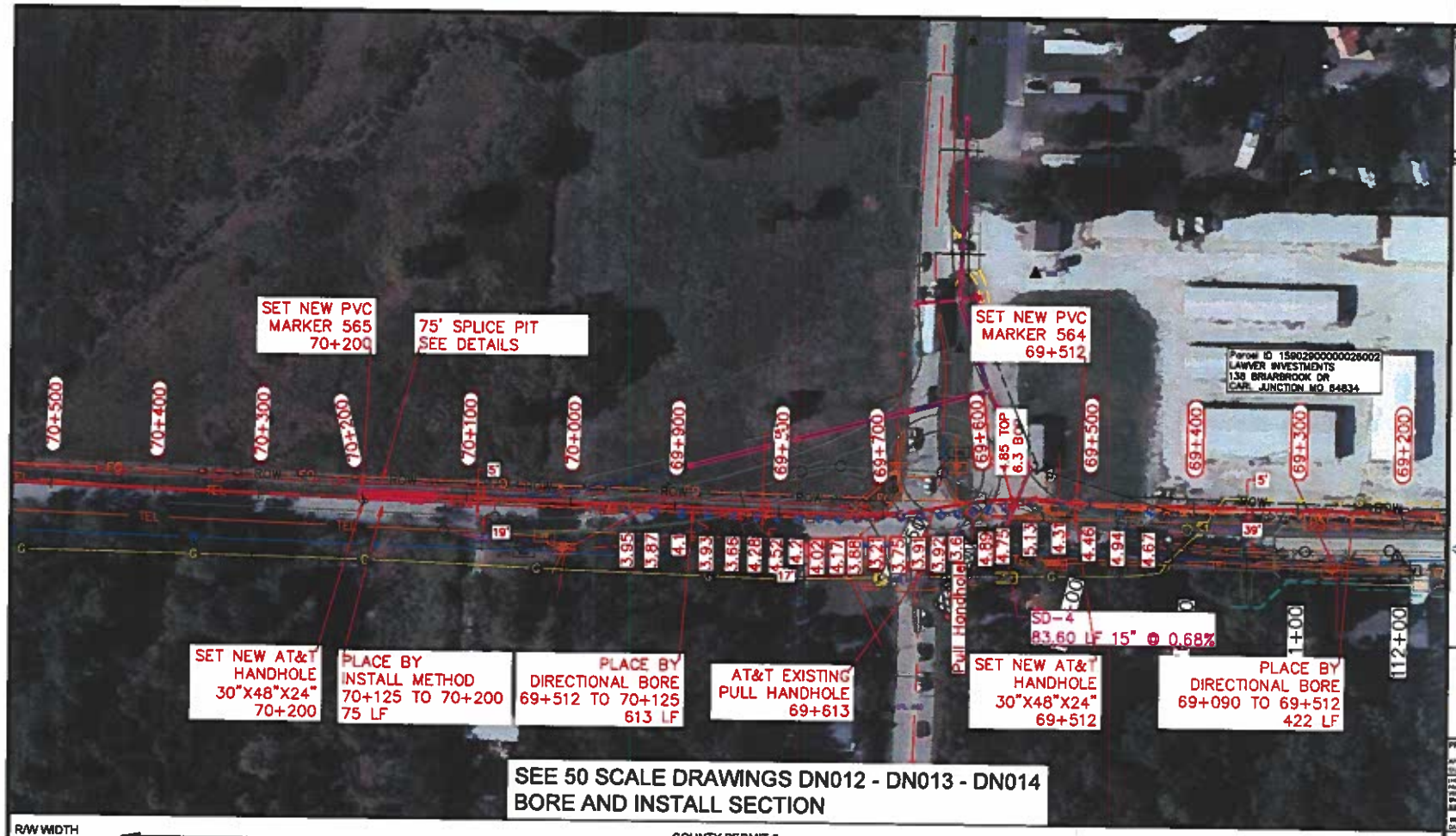
PREPARED FOR RECORD

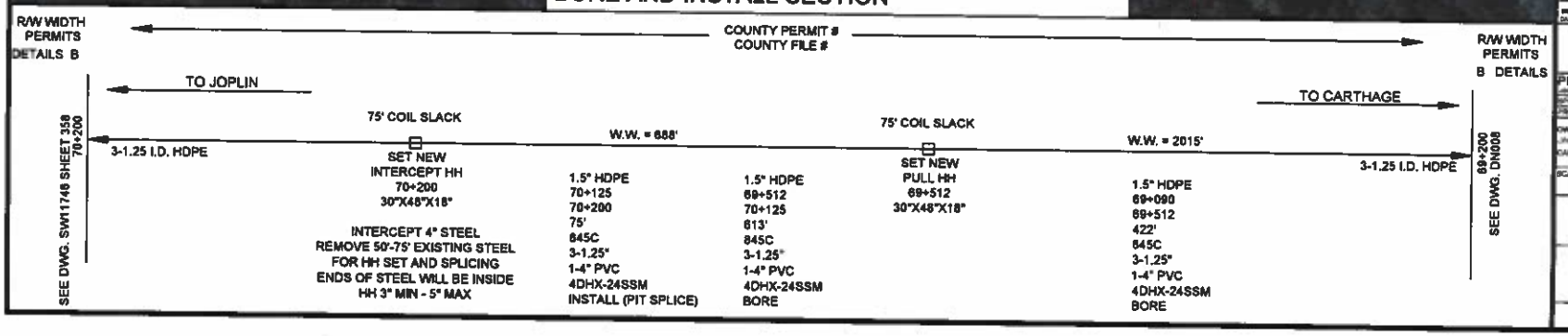
PROPRIETARY

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN008





CONSTRUCTION DRAWINGS: 3-14-23

ZORA RD RELOCATION

SDT

A UniTek Global Services Company

at&t

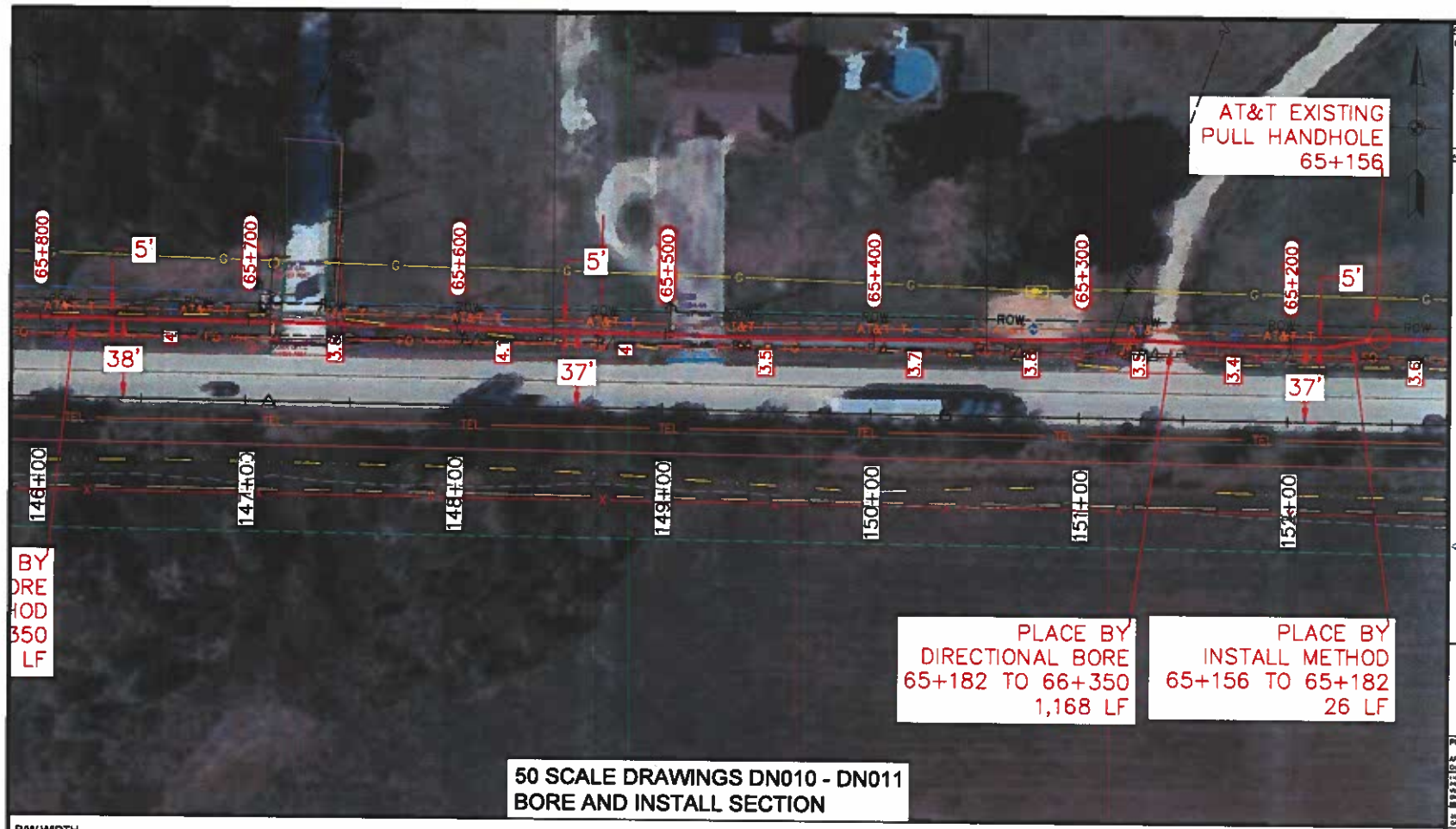
PREPARED FOR RECORD

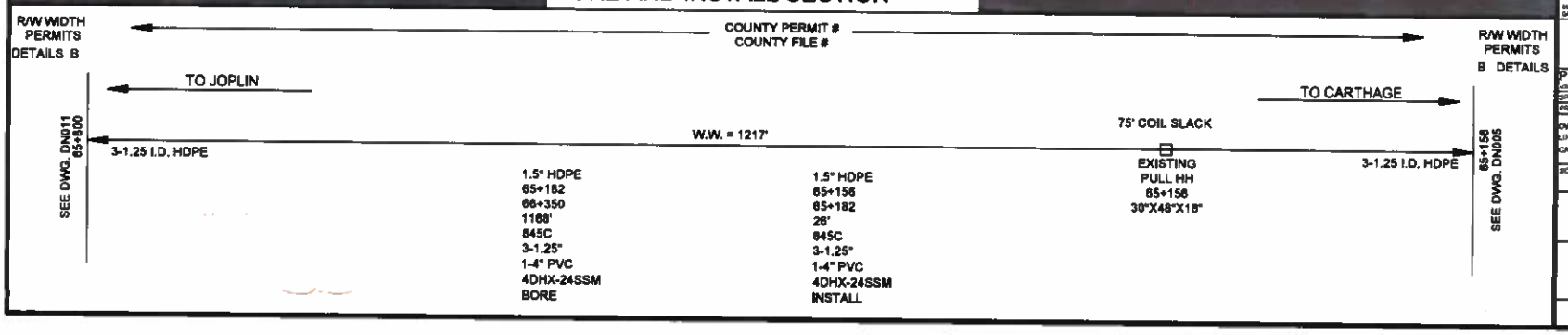
PROPRIETARY

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN009





REVISIONS
CONSTRUCTION DRAWINGS: 3-14-25

NOTES

ZORA RD
RELOCATION

SDT
A UniTek Global Services Company

at&t

PREPARED FOR RECORD

APPROVED FOR
OUTSIDE PLANT ENGINEER DATE

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI

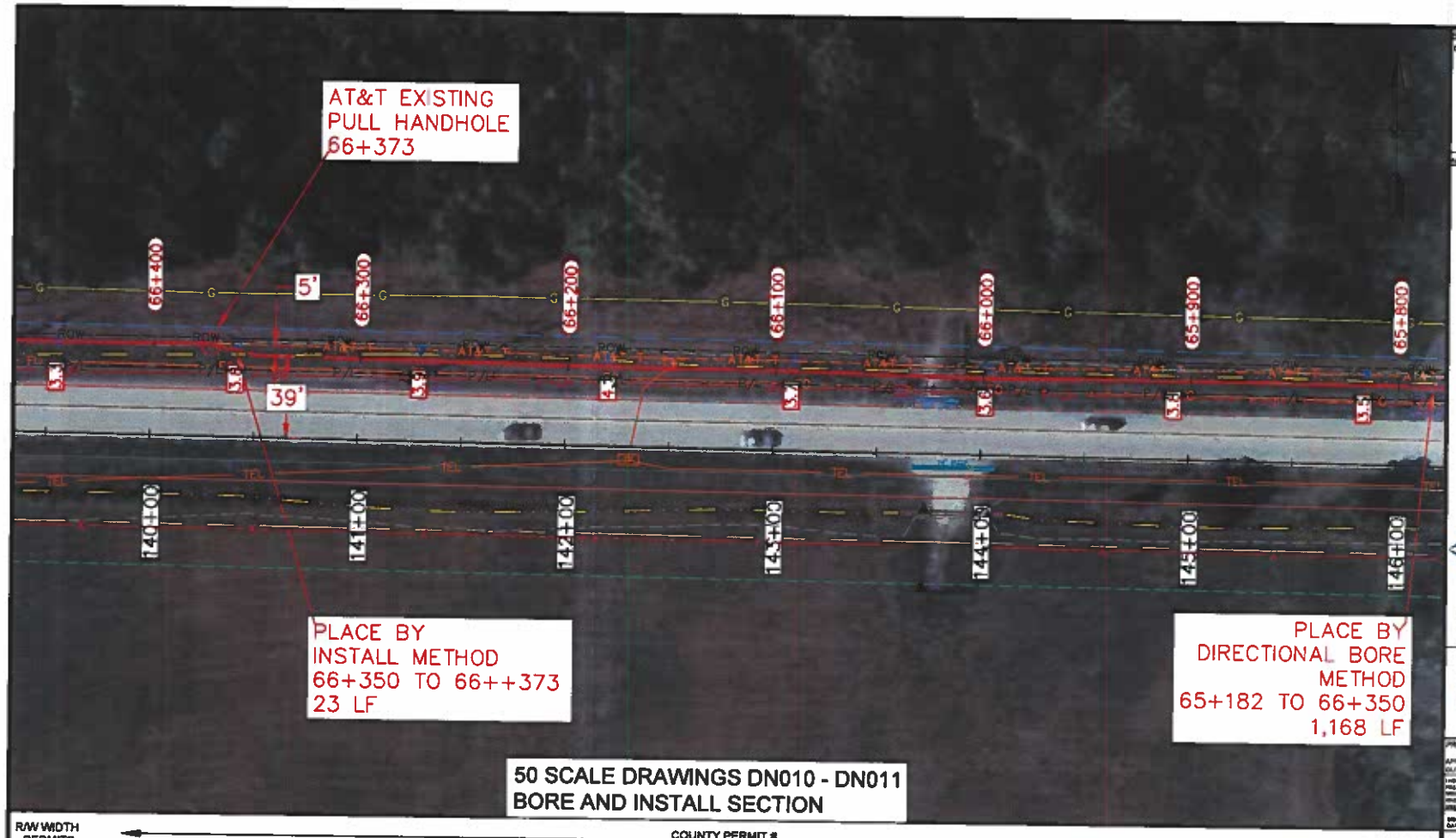
SIGNED
DATE MO. NO.

PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION
PROJECT NUMBER
OWNERSHIP AT&T
LINE CODE F45A
CABLE CLLI JPLAMOU001
SCALE 1" = 50'

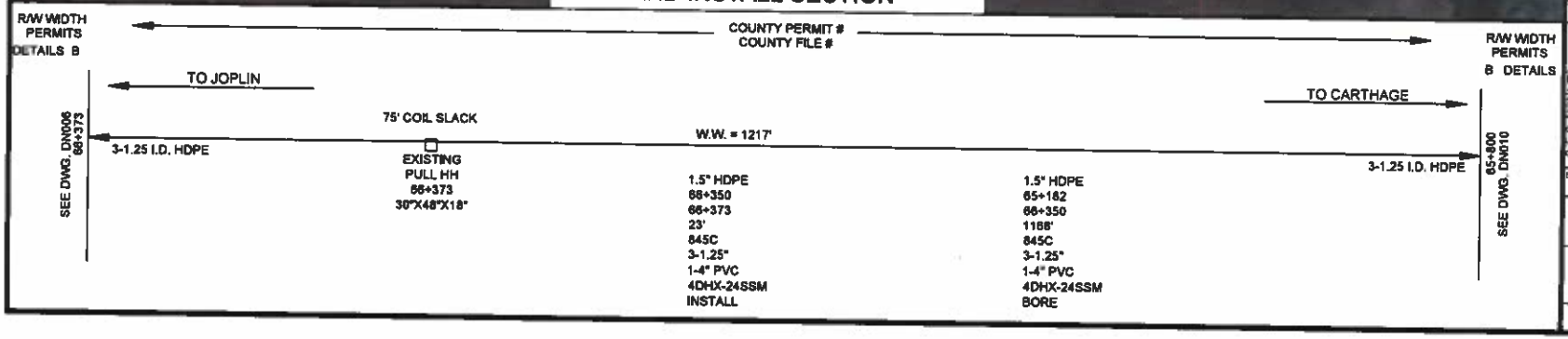
SPRINGFIELD MO
TO JOPLIN MO
LIGHTGUIDE CABLE

CARTHAGE REGEN
TO JOPLIN POP
DETAILED CONSTRUCTION
DRAWINGS

DN010



50 SCALE DRAWINGS DN010 - DN011
BORE AND INSTALL SECTION



CONSTRUCTION DRAWINGS: 3-14-25

ZORA RD
RELOCATION

SDT

A UniTek Global Services Company

at&t

PREPARED FOR RECORD

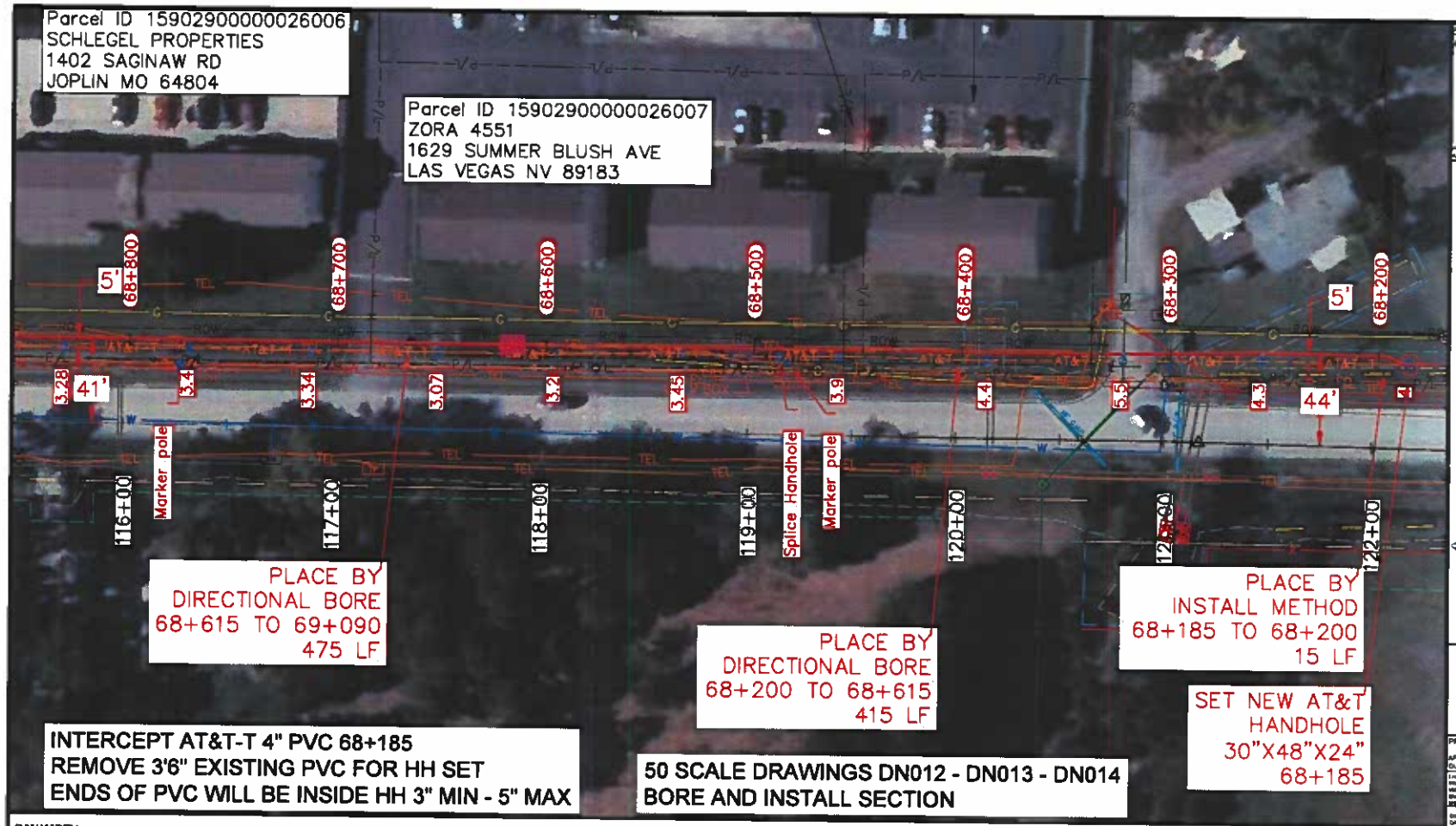
PROPRIETARY

OWNERSHIP AT&T
LINE CODE F404
CABLE CLLI JPLMOCL001
SCALE 1" = 50'

SPRINGFIELD MO
TO JOPLIN MO
LIGHTGUIDE CABLE

CARTHAGE REGEN
TO JOPLIN POP
DETAILED CONSTRUCTION
DRAWINGS

DN011



R/W WIDTH PERMITS DETAILS B

COUNTY PERMIT #
COUNTY FILE #

R/W WIDTH PERMITS & DETAILS

TO JOPLIN

TO CARTHAGE

SEE DWG. DN008 68+650

W.W. = 2015'

3-1.25 I.D. HDPE

75' COIL SLACK

3-1.25 I.D. HDPE

SEE DWG. DN008 68+185

1.5" HDPE	1.5" HDPE	1.5" HDPE	SET NEW PULL HH
68+615	68+200	68+185	68+185
69+090	68+615	68+200	30"X48"X18"
475'	415'	15'	
845C	845C	845C	INTERCEPT 4" PVC
3-1.25"	3-1.25"	3-1.25"	REMOVE 3'6" EXISTING PVC
1-4" PVC	1-4" PVC	1-4" PVC	FOR HH SET
4DHX-24SSM	4DHX-24SSM	4DHX-24SSM	ENDS OF PVC WILL BE
BORE	BORE	INSTALL	INSIDE HH 3" MIN - 5" MAX

REVISIONS
CONSTRUCTION DRAWINGS 3-14-25

NOTES

ZORA RD
RELOCATION

SDT

A UniTek Global Services Company

at&t

PREPARED FOR RECORD

APPROVED FOR
OUTSIDE PLANT ENGINEER DATE

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ENGINEER
DATE REG NO

PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION
PROJECT NUMBER

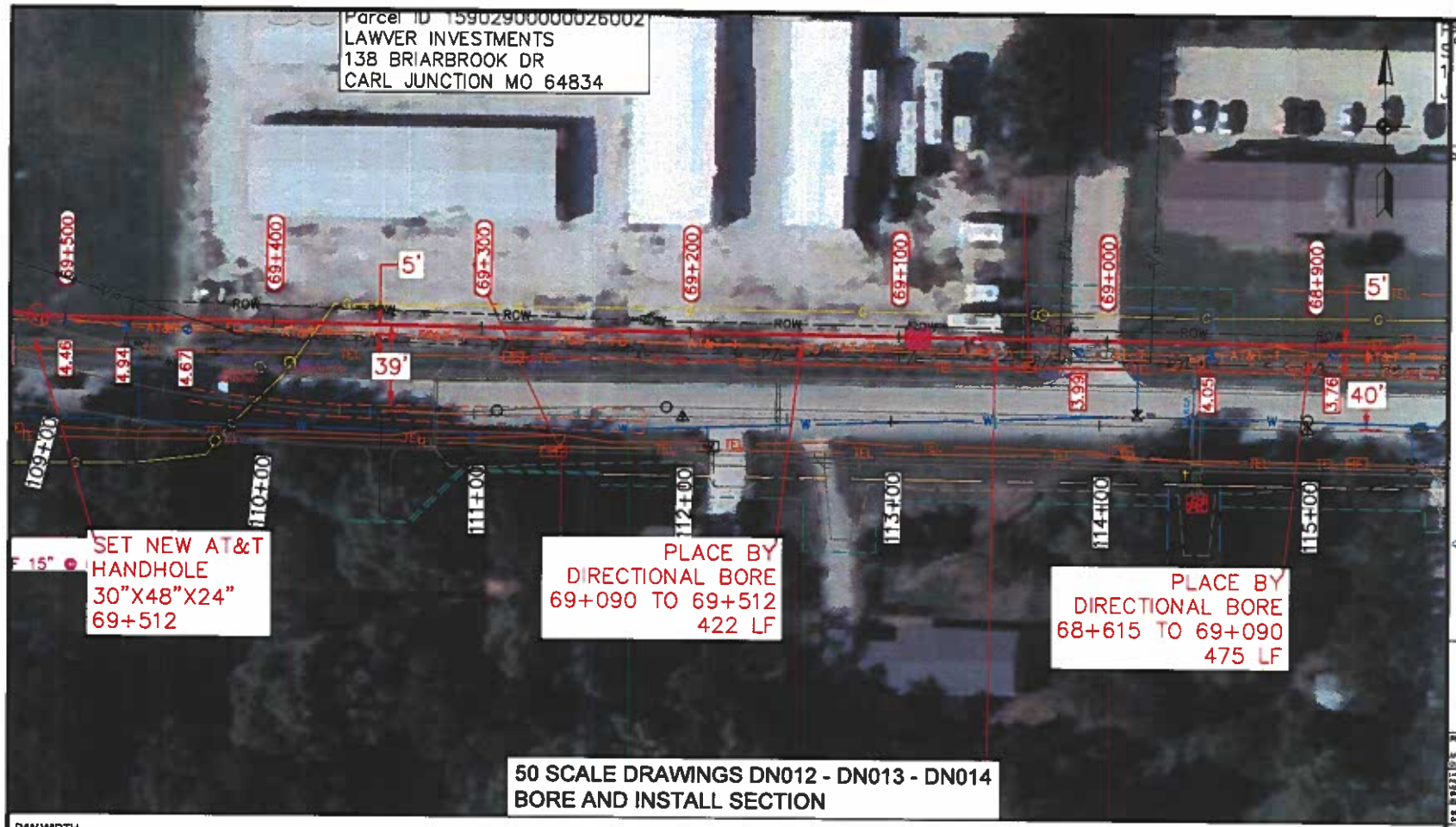
OWNERSHIP AT&T
LINE CODE F404
CABLE CLLI JPLNMOJD01

SCALE 1" = 50'

SPRINGFIELD MO
TO JOPLIN MO
LIGHTGUIDE CABLE

CARTHAGE REGEN
TO JOPLIN POP
DETAILED CONSTRUCTION
DRAWINGS

DN012



CONSTRUCTION DRAWINGS: 3-14-23

ZORA RD RELOCATION

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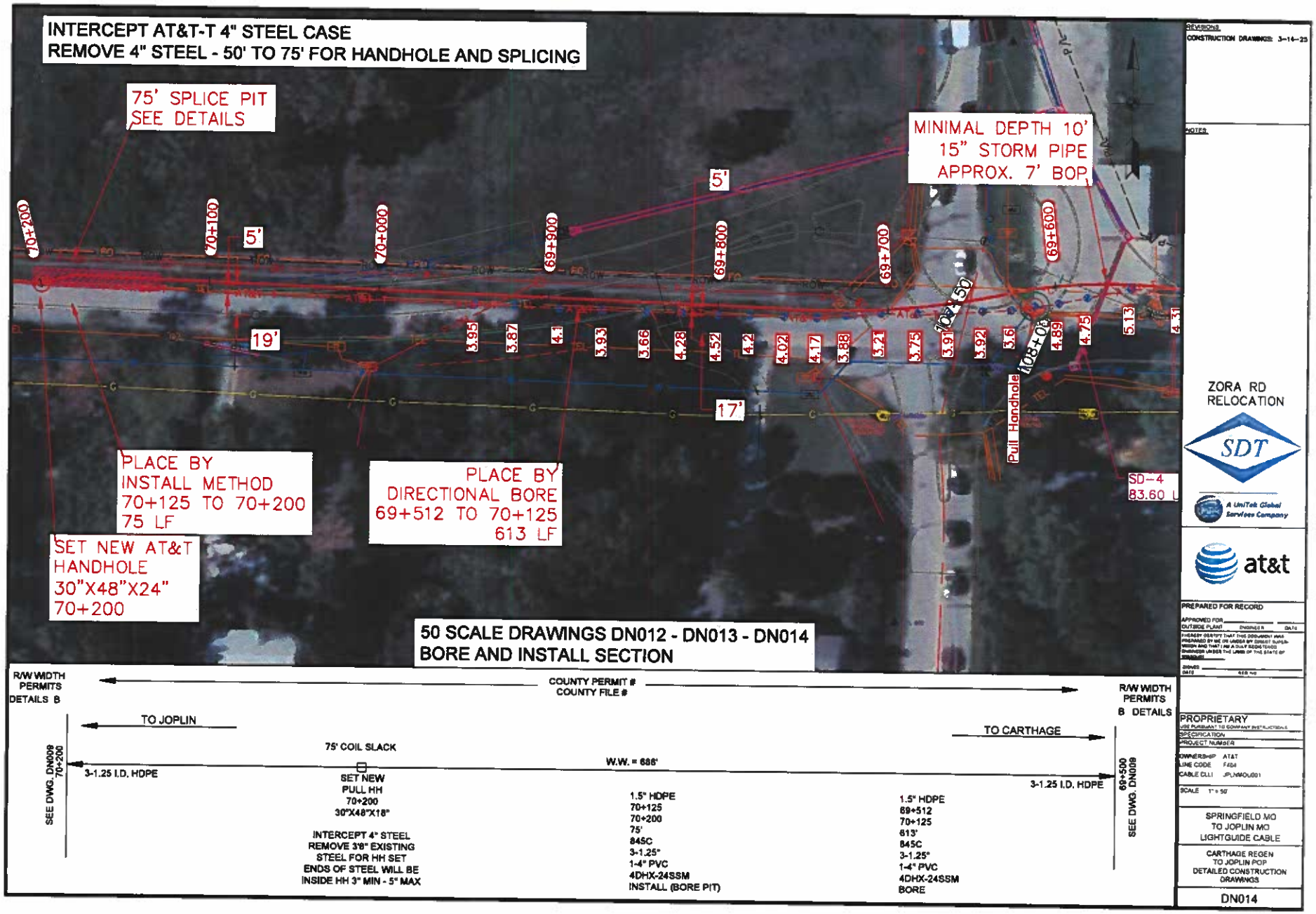
PREPARED FOR RECORD

PROPRIETARY

SPRINGFIELD MO TO JOPLIN MO LIGHTGUIDE CABLE

CARTHAGE REGEN TO JOPLIN POP DETAILED CONSTRUCTION DRAWINGS

DN013


INTERCEPT AT&T-T 4" STEEL CASE
REMOVE 4" STEEL - 50' TO 75' FOR HANDHOLE AND SPLICING
75' SPLICE PIT
SEE DETAILS
MINIMAL DEPTH 10'
15" STORM PIPE
APPROX. 7' BOP
5'
5'
19'
17'
70+200
70+100
70+000
69+900
69+800
69+700
69+600
PLACE BY
INSTALL METHOD
70+125 TO 70+200
75 LF
PLACE BY
DIRECTIONAL BORE
69+512 TO 70+125
613 LF
SET NEW AT&T
HANDHOLE
30"X48"X24"
70+200
Pull Handhole
SD-4
83.60 L
50 SCALE DRAWINGS DN012 - DN013 - DN014
BORE AND INSTALL SECTION
R/W WIDTH
PERMITS
DETAILS B
COUNTY PERMIT #
COUNTY FILE #
R/W WIDTH
PERMITS
B DETAILS
TO JOPLIN
TO CARTHAGE
75' COIL SLACK
W.W. = 686'
SEE DWG. DN009
70+200
3-1.25 I.D. HDPE
SET NEW
PULL HH
70+200
30"X48"X18"
INTERCEPT 4" STEEL
REMOVE 3'6" EXISTING
STEEL FOR HH SET
ENDS OF STEEL WILL BE
INSIDE HH 3" MIN - 5" MAX
1.5" HDPE
70+125
70+200
75'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
INSTALL (BORE PIT)
1.5" HDPE
69+512
70+125
613'
845C
3-1.25"
1-4" PVC
4DHX-24SSM
BORE
3-1.25 I.D. HDPE
69+500
SEE DWG. DN009
REVISIONS
CONSTRUCTION DRAWINGS: 3-14-23
NOTES
ZORA RD
RELOCATION
SDT
A UniTek Global Services Company
at&t
PREPARED FOR RECORD
PROPRIETARY
SPECIFICATION
PROJECT NUMBER
OWNERSHIP AT&T
LINE CODE F404
CABLE CLLI JPLMMOU001
SCALE 1" = 50'
SPRINGFIELD MO
TO JOPLIN MO
LIGHTGUIDE CABLE
CARTHAGE REGEN
TO JOPLIN POP
DETAILED CONSTRUCTION
DRAWINGS
DN014

STATION FROM	STATION TO	METHOD	CONSTRUCTION FOOTAGE	HANDHOLE SLACK	FOOTAGE W/W
58+832		EXISTING SPL		75'	
58+832	59+188	PLACE IN EXISTING			356'
59+188		EXISTING PULL		75'	
59+188	60+353	PLACE IN EXISTING			1165'
60+353		EXISTING PULL		75'	
60+353	61+504	PLACE IN EXISTING			1151'
61+504		EXISTING PULL		75'	
61+504	62+725	PLACE IN EXISTING			1221'
62+725		EXISTING PULL		75'	
62+725	63+945	PLACE IN EXISTING			1220'
63+945		EXISTING PULL		75'	
63+945	65+156	PLACE IN EXISTING			1211'
65+156		EXISTING PULL		75'	
65+156	65+182	INSTALL	26'		
65+182	66+350	BORE	1168'		1217'
66+350	66+373	INSTALL	23'		
66+373		EXISTING PULL		75'	
66+373	67+389	PLACE IN EXISTING			1016'
67+389		EXISTING PULL		75'	
67+389	68+185	PLACE IN EXISTING			796'
68+185		SET NEW PULL		75'	
68+185	68+200	INSTALL	15'		
68+200	68+615	BORE	415'		
68+615	69+090	BORE	475'		1327'
69+090	69+512	BORE	422'		
69+512		SET NEW PULL		75'	
69+512	70+125	BORE	613'		688'
70+125	70+200	INSTALL	75'		
70+200		SET NEW PULL		75'	

LOWER FROM	LOWER TO	FOOTAGE	DEPTH	CURRENT DEPTH
64+420	64+505	85'	60"	3.6'
64+600	64+760	160'	72"	5'3"
64+845	65+015	170'	72"	3'9"
67+250	67+300	50'	72"	5'
67+490	67+550	60'	60"	4'

NEW CONSTRUCTION	
PLACE BY INSTALL	139'
PLACE BY BORE	3093'
SET NEW HH's	3

FIBER CABLE	
GROUND FOOTAGE	11368
SLACK COILS 12 @ 75'	900'
WANDER (1%) GROUND	114'
TOTAL CABLE	12382'

MARKER POLE PLACEMENT	
STATION	MKR #
58+832	544
58+995	545
59+090	546
59+188	547
60+418	548
61+504	549
62+725	552
63+945	554
64+362	555
65+040	556
66+373	557
66+739	558
67+389	559
68+185	560
69+512	564
70+200	565
TOTAL	16

MARKER POLE REMOVALS	
STATION	MKR #
64+362	555
65+040	556
66+739	558
67+321	559
67+321	560
68+483	562
TOTAL	6

HANDHOLE REMOVALS	
STATION	PURPOSE
68+487	EXISTING SPLICE
TOTAL	1

- CONSTRUCTION WILL CONSIST OF 3 EA. CONTRACTOR SUPPLIED 1.25" SDR 11 HDPE
- HANDHOLES WILL BE CONTRACTOR SUPPLIED 30"X48"X24" T-15 OR BETTER WITH EMS IN LID AND AT&T LOGO ON PLACARD
- FIBER CABLE WILL BE AT&T SUPPLIED 24 COUNT TONEABLE CABLING
- WARNING TAPE AND NEW PVC MARKERS (AS REQUIRED) WILL BE AT&T SUPPLIED

REVISIONS
CONSTRUCTION DRAWINGS: 3-14-25

NOTES

ZORA RD
RELOCATION

SDT

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PREPARED FOR RECORD

APPROVED FOR OUTSIDE PLANT — DISCIPLINE # — DATE

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF [illegible]

SIGNED
DATE

PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION

PROJECT NUMBER

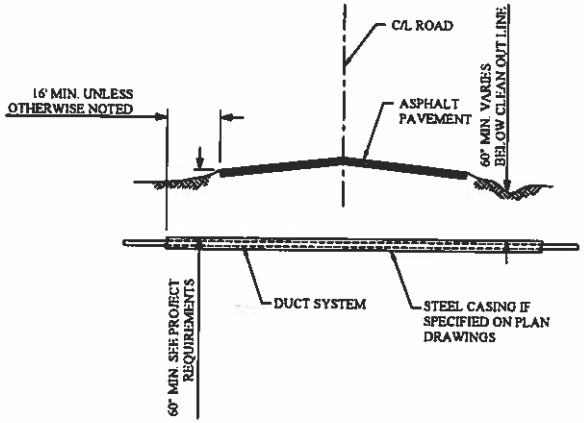
OWNERSHIP AT&T
LINE CODE F404
CABLE CLLI JPLVMOJ001

SCALE: 1" = 100'

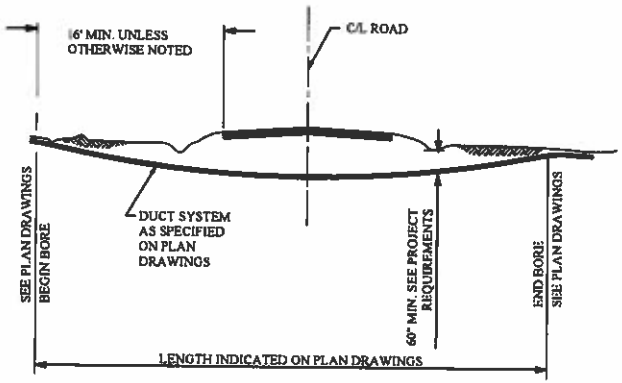
SPRINGFIELD MO
TO JOPLIN MO
LIGHTGUIDE CABLE

CARTHAGE REGEN
TO JOPLIN POP
DETAILED CONSTRUCTION
DRAWINGS

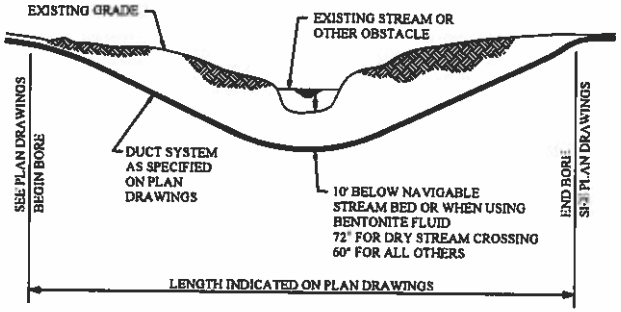
DN015



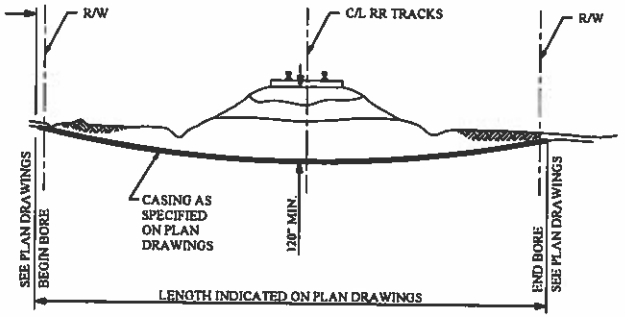
TYPICAL HORIZONTAL BORE
ROAD CROSSING
N.T.S.



TYPICAL DIRECTIONAL BORE
ROAD CROSSING
N.T.S.



TYPICAL DIRECTIONAL BORE
UNDER STREAMS AND WATERWAYS
N.T.S.



TYPICAL DIRECTIONAL BORE
RAILROAD CROSSING
N.T.S.

NOTES:

1 CASING PIPE SHALL BE HDPE AND BE SELECTED BY THE CONTRACTOR AS TO DIAMETER AND THICKNESS BASED ON THE CONTRACTOR'S JUDGMENT AFTER REVIEW OF THE SPECIFIC SITE CONDITIONS.

2 CASING GRADE SHALL NOT EXCEED 5% PLUS OR MINUS FROM HORIZONTAL. (HORIZONTAL BORE)

REVISIONS

DATES

SDT

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PREPARED FOR RECORD

APPROVED FOR CONSTRUCTION BY: DISCIPLINE DATE

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF OKLAHOMA.

SIGNED

DATE REG. NO.

PROPRIETARY

SUBJECT TO COMPANY RESTRICTIONS

LOCATION

PROJECT NUMBER

OWNERSHIP AT&T

LINE CODE

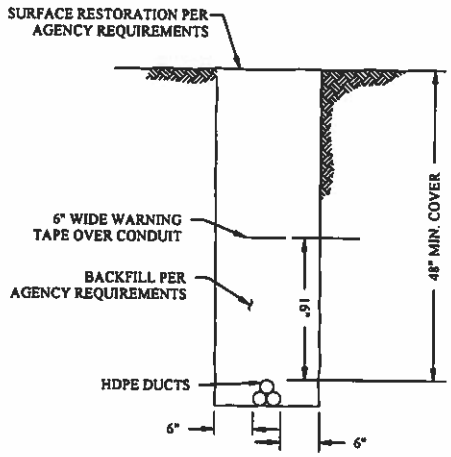
CABLE CLLI

SCALE NTS

TULSA OK
TO DALLAS TX
LIGHTGUIDE CABLE

TULSA OK
TO OKMULGEE REGEN
DETAILED CONSTRUCTION DRAWINGS

TYPICALS



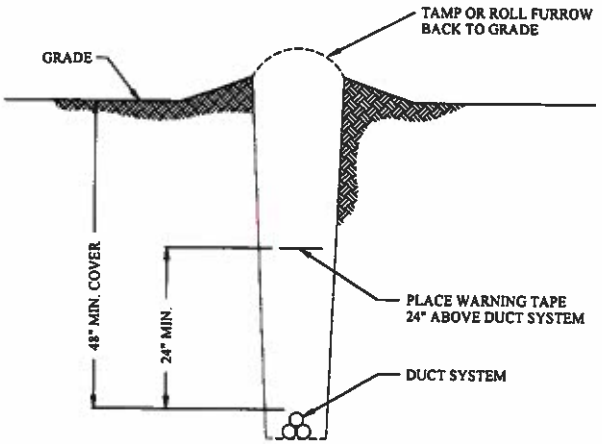
TYPICAL TRENCH DETAIL A

N.T.S.



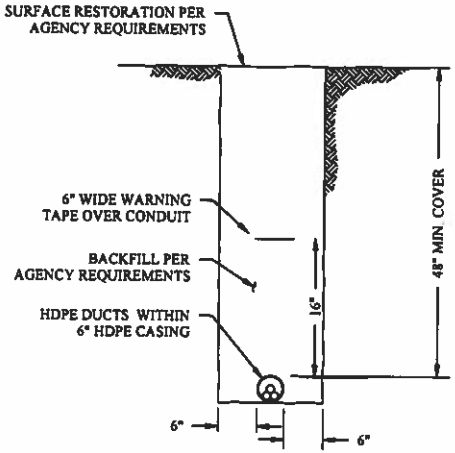
DUCT CONFIGURATION

COUNT AND CONFIGURATION WILL BE PROJECT SPECIFIC



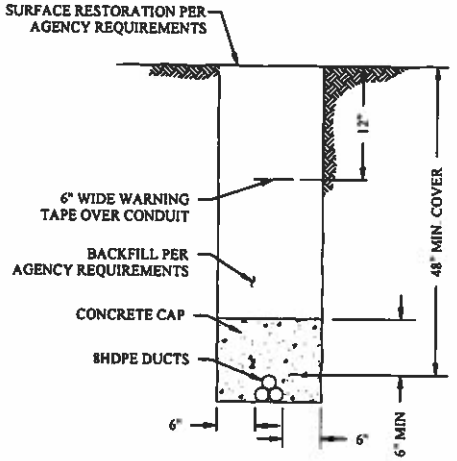
TYPICAL PLOW DETAIL B

N.T.S.



TRENCH DETAIL C
WITHIN 6" HDPE CASING

N.T.S.



DETAIL D
CONCRETE CAP PROTECTION

N.T.S.

REVISIONS

NOTES

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APPROVED FOR OUTSIDE PLANT ENGINEER DATE

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AS-BUILT DATE

PROPRIETARY

PURSUANT TO COMPANY BUSINESS

SPECIFICATION

PROJECT NUMBER

OWNER AT&T

LINE CODE

CABLE CLLI

SCALE NTS

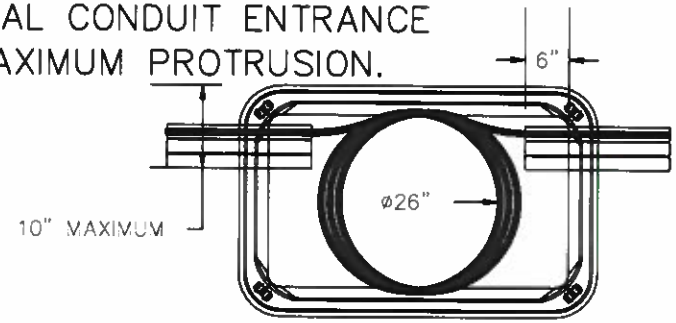
NTS

TULSA OK TO DALLAS TX LIGHTGUIDE CABLE

TULSA OK TO OKMULGEE REGEN DETAILED CONSTRUCTION DRAWINGS

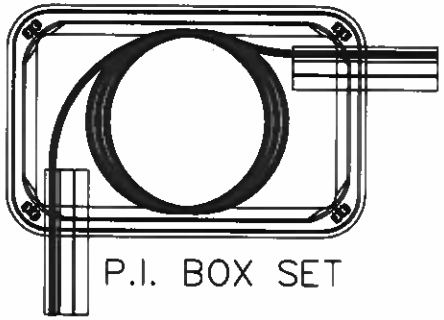
TYPICAL

TYPICAL CONDUIT ENTRANCE
6" MAXIMUM PROTRUSION.



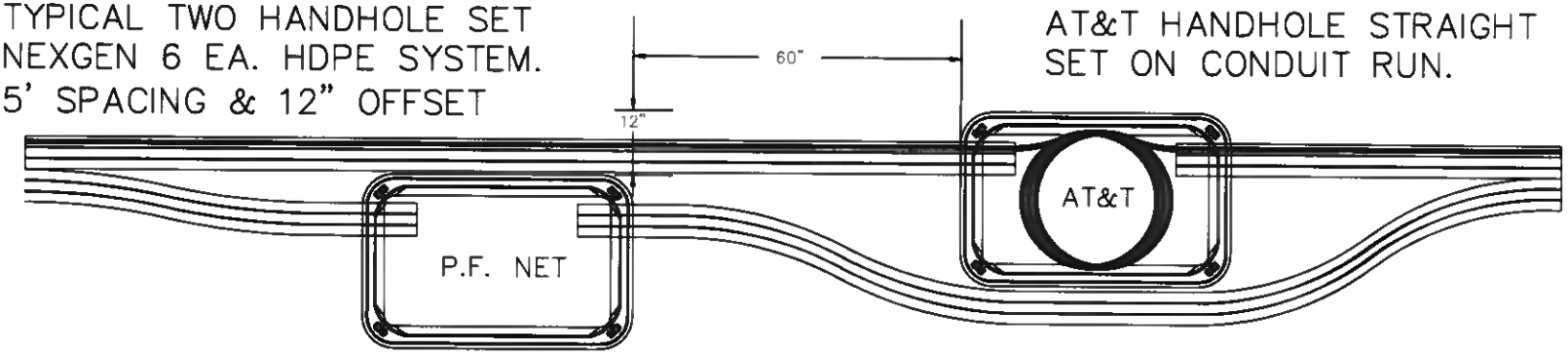
INLINE BOX SET

FIBER TO HAVE MAXIMUM RADIUS
POSSIBLE BASED ON BOX SIZE.



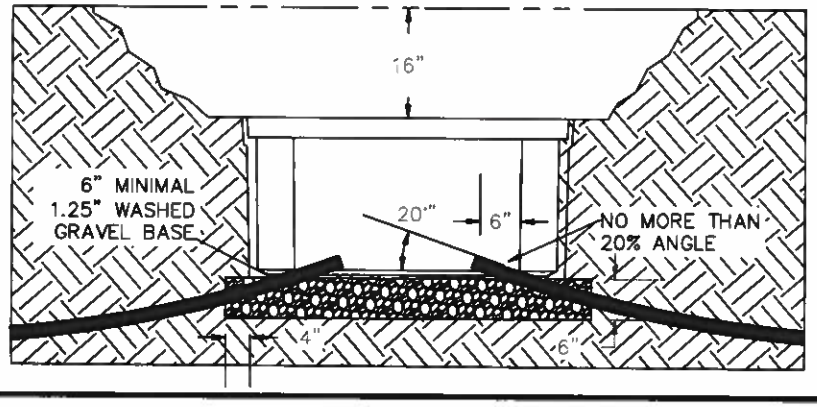
P.I. BOX SET

TYPICAL TWO HANDHOLE SET
NEXGEN 6 EA. HDPE SYSTEM.
5' SPACING & 12" OFFSET



AT&T HANDHOLE STRAIGHT
SET ON CONDUIT RUN.

TYPICAL HANDHOLE
SET W/16" COVER.
CONDUITS NO MORE
THAN 20% ANGLE
INTO BOX.
MINIMAL 6" 1.25"
WASHED GRAVEL
BASE.



GRAVEL TO BE
PLACED UNDER
HANDHOLE
EXTENDING 4"
MINIMAL BEYOND
BASE.
GRAVEL NOT TO BE
PLACED INTERIOR.

REVISIONS

NOTES

SDT

at&t

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OUTSIDE PLANT ENGINEER DATE

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SIGNED
DATE REG. NO

PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION

PROJECT NUMBER

OWNER/SHIP AT&T
LINE CODE
CABLE CLLI

SCALE NTS

CONDUIT AND
HANDHOLE LAYOUT
AT&T SYSTEMS

TYPICAL
DRAWINGS

TYPICAL HH SETS

EXHIBIT B

ESTIMATED COST

[Engineering Designs	$13,488.28
Total	$13.488.28

EXHIBIT B

Estimate of Cost Zora Road Relocation

Estimate of Cost for the relocation of AT&T Facilities for the Zora Rd Relocation in Joplin MO.

These are estimates only and actual cost will be determined by bid process.

Actual cost of the project will be determined by bid for the relocation and protection of the AT&T Facility. Only the actual cost of relocation will be billed in accordance with the completed project.

This will be a split cost due to portions being on Private Right of Way and portions on Public. This document covers only the costing associated with the work performed on Private Easement determined to be reimbursable.

Total Project cost estimated at: $197,000.00

AT&T RESPONSIBILITY

APPROX. 688 LF of Construction Activity

Construction spanning area between STA: 102+00 to 109+00 DOT Stations

Construction Cost:	$32,954.50
Engineering Cost:	$12,310.00
AT&T Cost:	$3,008.22

AT&T portion will be $48,272.72

CITY OF JOPLIN RESPONSIBILITY

APPROX. 3,069 LF of Construction Activity

Construction spanning area between STA: 109++00 to 160+00 DOT Stations

Construction Cost:	$110,045.50
Engineering Cost:	$30,690.00
AT&T Cost:	$7,991.78

City of Joplin portion will be $148,727.28

Cable 1 (Carthage to Joplin) Construction Cost to consist of:

- Installation of 3 Ea. 1.25" SDR 11 HDPE for an approx. distance of 64 LF along a new alignment by trench methods.
- Installation of 3 Ea. 1.25" SDR 11 HDPE for an approx. distance of 2,480 LF along a new alignment by directional bore methods.
- Lowering and adjustments of approx. 525 LF of 4" PVC Conduits.
- Install 2 Ea. 30"X48"x24" Handhole at Intercept location.
- Install Approx. 12,137 LF of new 24 Cable Installation from existing Splice to new splice locations through new and existing conduits.
- Removal of 10,623 LF of retired 24 cable if possible, to vacate system.
- Mobilization, Traffic Control and Cable Cutover assistance.

Engineering Cost to consist of:

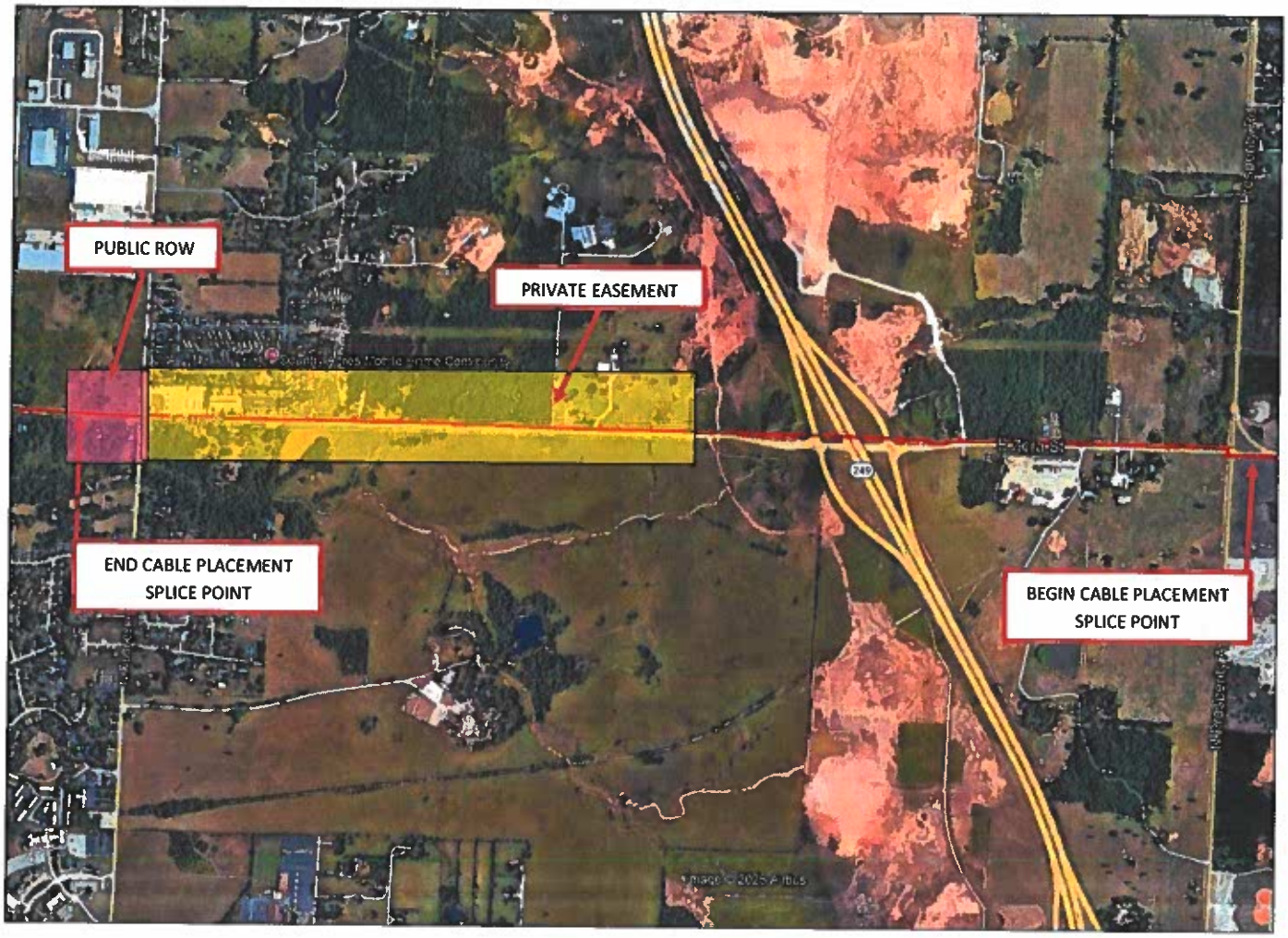
- Design
- Inspection and plant protection
- Recording of construction documentation and CAD prints of new construction for AT&T permanent record.
- Coordination of Crews and personnel for project completion.

AT&T Cost to consist of:

- Fiber Cable & AT&T provided construction materials

Estimate of Cost Zora Road Relocation

EXHIBIT A:



Questions may be directed to:

Kevin Wingard
Project Manager
SDT Solutions LLC.
2749 NW Hunter Dr STE E
Blue Springs MO 64015
580-931-7688
kwingard@sdt-1.com

EXHIBIT B

COSTING ESTIMATE ATT-T TRANSMISSION FOR ZORA RD RELOCATION - JOPLIN MO

ENGINEERING AND INSPECTION

Description	Code	Cost per Unit	Quantity	Total	Function
Project Manager		$77.00	110	$8,470.00	Permits, Engineering, Bid & processing
Project Engineer		$71.50	80	$5,720.00	Field Engineering & Layouts
Engineer Tech		$55.00	180	$9,900.00	On Site Inspection / documentation
Clerical		$40.00	16	$640.00	Clerical
CAD Operator		$50.00	30	$1,500.00	Final CAD Drawings & Recording
Engineering Miscellaneous		$4,460.00	1	$4,460.00	Per Diem, mileage, expenses
				TOTAL:	**$30,690.00**

CONSTRUCTION

Description	Code	Cost per Unit	Quantity	Total	Function
MOBILIZATION	MISC	$1,500.00	1	$1,500.00	Contractor Men & Equipment transport
6" ROCK REMOVAL	MISC	$26.00	323	$8,398.00	Adder for unknown substrate
LOWER CONDUIT	COND-CO	$14.00	525	$7,350.00	Lower 6" PVC
INSTALL 3-1.25" HDPE	BORE-CO	$18.00	64	$1,152.00	Relocation of Conduit package
DIRECTIONAL BORE	MH-HH	$24.00	2480	$59,520.00	Relocation of Conduit package
CABLE PLACEMENT	COND-CO	$1.25	10879	$13,598.75	Fiber placed after relocation
HANDHOLE	UPLAC-UF	$2,600.00	2	$5,200.00	T-15 Non Traffic rated
REMOVE PVC FROM FIBER	URECK-WU	$12.00	4	$48.00	Intercept point for Handhole placement
REMOVE CABLE	URECK-LC	$1.25	10623	$13,278.75	Wreck out of conflicted fiber cabling
				TOTAL:	**$110,045.50**

COSTING ESTIMATE ATT-T TRANSMISSION FOR ZORA RD RELOCATION - JOPLIN MO

AT&T COSTING

Description	Code	Cost per Unit	Quantity	Total	Function
207UG-Fiber cable	Fiber Cable	$0.64	12137	$7,767.68	48 Fiber
6"x 1,000ft Warning Tape	PTP-661000FO	$37.00	1	$37.00	Trench Tape for Lowering / Trenching
Fluorescent Orange Marking Paint	ACP-247	$43.20	1	$43.20	Construction Material
ATT/T Transmission Orange Fiber Flags 30"	FL-1066-30W	$83.23	1	$83.23	Construction Material
White 30" wire flags	ACP-455WFW-30	$60.67	1	$60.67	Construction Material
MISC	Overages		1	$0.00	Shipping & assorted overages
				TOTAL:	**$7,991.78**

TOTAL PROJECT COST:
$148,727.28