

AT&T Wholesale Agreement

INTERCONNECTION AGREEMENT- OHIO

between

The Ohio Bell Telephone Company d/b/a
AT&T Ohio

and

Cox Ohio Telcom, L.L.C.

TABLE OF CONTENTS

1. INTRODUCTION.....	7
2. GENERAL RESPONSIBILITIES OF THE PARTIES.....	8
3. ASSURANCE OF PAYMENT.....	10
4. EFFECTIVE DATE AND TERM OF AGREEMENT.....	11
5. ASSIGNMENT AND NAME CHANGE.....	13
6. CONFIDENTIALITY AND PROPRIETARY INFORMATION.....	15
7. LIABILITY AND INDEMNIFICATION.....	16
8. COMPLIANCE AND CERTIFICATION.....	19
9. PAYMENT OF RATES AND CHARGES.....	19
10. LIMITATION ON BACK-BILLING AND CREDIT CLAIMS:	20
11. INTENTIONALLY LEFT BLANK.....	20
12. INTENTIONALLY LEFT BLANK.....	20
13. DISPUTE RESOLUTION.....	21
14. NON-PAYMENT AND PROCEDURES FOR DISCONNECTION.....	23
15. NOTICES.....	25
16. TAXES.....	26
17. FORCE MAJEURE.....	28
18. PUBLICITY.....	28
19. NETWORK MAINTENANCE AND MANAGEMENT.....	28
20. LAW ENFORCEMENT AND CIVIL PROCESS.....	29
21. CHANGES IN SUBSCRIBER CARRIER SELECTION.....	29
22. AMENDMENTS OR WAIVERS.....	30
23. INTERVENING LAW.....	30
24. AUTHORITY.....	31
25. BINDING EFFECT.....	32
26. CONSENT.....	32
27. EXPENSES.....	32
28. HEADINGS.....	32
29. RELATIONSHIP OF PARTIES.....	32
30. CONFLICT OF INTEREST.....	32
31. MULTIPLE COUNTERPARTS.....	32
32. THIRD PARTY BENEFICIARIES.....	32
33. REGULATORY APPROVAL.....	32

34. TRADEMARKS AND TRADE NAMES.....	32
35. REGULATORY AUTHORITY.....	33
36. COMMISSION INTERPRETATION OF SAME OR SUBSTANTIVELY SIMILAR LANGUAGE	33
37. TARIFF REFERENCES	33
38. VERIFICATION REVIEWS	33
39. COMPLETE TERMS	34
40. COOPERATION ON PREVENTING END USER FRAUD.....	34
41. NOTICE OF NETWORK CHANGES	34
42. GOOD FAITH PERFORMANCE	34
43. RESPONSIBILITY OF EACH PARTY.....	35
44. TRANSMISSION OF TRAFFIC TO THIRD PARTIES	35
45. GOVERNMENTAL COMPLIANCE	35
46. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION.....	35
47. SUBCONTRACTING.....	36
48. REFERENCED DOCUMENTS	37
49. SEVERABILITY.....	37
50. SURVIVAL OF OBLIGATIONS	37
51. GOVERNING LAW.....	37
52. PERFORMANCE MEASUREMENTS	37
53. OTHER OBLIGATIONS	37
54. INTENTIONALLY LEFT BLANK.....	37
55. DIALING PARITY; NUMBER PORTABILITY	37
56. BRANDING.....	38
57. END USER CUSTOMER INQUIRIES.....	38
58. DISCLAIMER OF WARRANTIES	38
59. NO WAIVER.....	38
60. DEFINITIONS	38
61. RESALE	39
62. UNBUNDLED NETWORK ELEMENTS	39
63. ORDERING AND PROVISIONING, MAINTENANCE, CONNECTIVITY BILLING AND RECORDING, AND PROVISION OF CUSTOMER USAGE DATA.....	39
64. NETWORK INTERCONNECTION ARCHITECTURE	39
65. COMPENSATION FOR DELIVERY OF TRAFFIC.....	39
66. ANCILLARY FUNCTIONS	39

67. INTENTIONALLY LEFT BLANK.....	39
68. INTENTIONALLY LEFT BLANK.....	39
69. INTENTIONALLY LEFT BLANK.....	39
70. SCOPE OF AGREEMENT	39
71. OTHER REQUIREMENTS AND ATTACHMENTS.....	40
72. INTENTIONALLY LEFT BLANK.....	40

ATTACHMENTS

Definitions

Resale

Attachment 1: Resale

Appendix Services/Pricing

Appendix Customized Routing-Resale – Intentionally Omitted

Appendix DA-Resale

Appendix OS-Resale

Appendix White Pages (WP)-Resale

Attachment 2: Ordering and Provisioning-Resale

Attachment 3: Maintenance-Resale

Attachment 4: Connectivity Billing-Resale

Attachment 5: Provision of End User Usage Data-Resale

Unbundled Network Elements

Attachment 6: Unbundled Network Elements (UNE)

Appendix Pricing-UNE

Attachment 7: Ordering and Provisioning-Unbundled Network Elements

Attachment 8: Maintenance- Unbundled Network Elements

Attachment 9: Intentionally Left Blank

Attachment 10: Intentionally Left Blank

Network Interconnection Architecture and Compensation

Attachment 11: Network Interconnection Architecture

Appendix Interconnection Trunking Requirement (ITR)

Appendix Network Interconnection Methods (NIM)

Attachment 12: Intercarrier Compensation

Ancillary Functions

Attachment 13: Ancillary Functions

Appendix Collocation

Appendix Poles, Conduit, ROW

Other Requirements

Attachment 14: Permanent Number Portability

Attachment 15: E911

Attachment 16: Network Security and Law Enforcement

Attachment 17: Performance Remedy Plan

Appendix Performance Measurements Business Rules – Intentionally Omitted

Attachment 18: Directory Assistance Listing Information

Attachment 19: White Pages-Other (WP-O)

Attachment 20: Non-Intercompany Settlements

Attachment 21: Numbering

Attachment 22: DA-Facilities Based
Attachment 23: OS-Facilities Based
Attachment 24: Recording-Facilities Based
Attachment 25: xDSL
 Appendix YZP
 Appendix RABT – YZP
 Appendix YZP RABT MMP
Attachment 26: Intentionally Left Blank
Attachment 27: Access to Operations Support Systems
Attachment 28: Out of Exchange Traffic

INTERCONNECTION AGREEMENT – OHIO

This Interconnection Agreement – Ohio (Agreement) is between Cox Ohio Telcom, L.L.C. ("CLEC"), a Delaware Limited Liability Company, having its principal office at 1400 Lake Hearn Drive, Atlanta, GA 30319 and The Ohio Bell Telephone Company d/b/a AT&T Ohio ("AT&T"), having its principal office at One AT&T Plaza, 208 S. Akard, Dallas, TX 75202, (collectively the Parties).

WHEREAS, pursuant to the Telecommunications Act of 1996 (the Act), the Parties wish to establish terms for the resale of AT&T services and for the provision by AT&T of Interconnection, Unbundled Network Elements, and Ancillary Functions as designated in the Attachments hereto.

WHEREAS, CLEC represents that it is, or intends to become, a provider of Telephone Exchange Service to residential and business end users;

WHEREAS, the Parties want to Interconnect their networks pursuant to Attachment 11 and associated appendices to provide, directly or indirectly, Telephone Exchange Services and Exchange Access to residential and business end users over their respective Telephone Exchange Service facilities which are subject to this Agreement; and

WHEREAS, the Parties are entering into this Agreement to set forth the respective obligations of the Parties and the terms and conditions under which the Parties will Interconnect their networks and facilities and provide to each other services as required by the Telecommunications Act of 1996 as specifically set forth herein; and

WHEREAS, in entering into this Agreement, the parties acknowledge and agree that neither party waives, and each Party expressly reserves, any of its rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in this Agreement, with respect to any orders, decisions, legislation or proceedings and any remands by the FCC, state utility commission, court, legislature, or other governmental body including, without limitation, any such orders, decisions, legislation, proceedings, and remands which were issued, released or became effective prior to the Effective Date of this Agreement, or which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review; and

WHEREAS, the Parties understand AT&T's operational support systems (OSS) and technical capabilities vary from one state to another across AT&T's twenty-two states. This Agreement attempts to conform an Oklahoma interconnection agreement to comply with AT&T's OSS and technical capabilities in the State of Ohio. To the extent provisions in the original agreement have not been modified in this Agreement and are inconsistent with the OSS and technical capabilities in the State of Ohio. AT&T shall provide such services to the extent applicable in accordance with the terms and conditions set forth in its then current generic interconnection agreement; and

WHEREAS, the amendments attached to this Agreement have been sequentially numbered, regardless of whether signed or unsigned, and carry the effective date of the Agreement unless otherwise stated; and

WHEREAS, to the extent any rate, term or condition contained in any amendment attached hereto as of the Effective Date conflicts with any language in the underlying contract or any other amendment, the rate, term or condition set forth in the higher numbered amendment shall prevail; and

WHEREAS, CLEC wishes to enter an agreement containing those terms and conditions.

NOW, THEREFORE, in consideration of the premises and the mutual covenants of this Agreement CLEC and AT&T A hereby agree as follows:

A. The foregoing Recitals are hereby incorporated into and made a part of this Agreement.

1. INTRODUCTION

- 1.1 This Agreement sets forth the terms, conditions and prices under which AT&T agrees to provide (a) services for resale (hereinafter referred to as Resale services), (b) Unbundled Network Elements, or combinations of such Unbundled CLEC's network to AT&T's network and Intercarrier Compensation for intercarrier telecommunications traffic exchanged between CLEC and AT&T.
- 1.2 Subject to the provisions of Attachment 6: Unbundled Network Elements (UNE) and upon CLEC request, AT&T shall meet its UNE combining obligations as and to the extent required by FCC rules and orders, and Verizon Comm. Inc. v. FCC, 535 U.S. 467 (May 13, 2002) ("Verizon Comm. Inc.") and, to the extent not inconsistent therewith, the rules and orders of the relevant state Commission and any other Applicable Law.
- 1.3 In the event that AT&T denies a request to perform the functions necessary to combine UNEs or to perform the functions necessary to combine UNEs with elements possessed by CLEC, AT&T shall provide written notice to CLEC of such denial and the basis. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, AT&T shall have the burden to prove that such denial meets one or more applicable standards for denial, including without limitation those under the FCC rules and orders, Verizon Comm. Inc. and the Agreement, including Section 2.12 of Attachment 6: Unbundled Network Elements. In any dispute resolution proceeding, CLEC shall have the burden to prove that such combination request meets UNE combining obligations as and to the extent required by FCC rules and orders, and Verizon Comm. Inc. v. FCC, 535 U.S. 467 (May 13, 2002) ("Verizon Comm. Inc.") and, to the extent not inconsistent therewith, the rules and orders of relevant state Commission and any other Applicable Law.
- 1.4 AT&T may fulfill the requirements imposed upon it by this Agreement by itself or may cause its Affiliates to take such actions to fulfill the responsibilities.
- 1.5 This Agreement includes and incorporates herein the Attachments listed immediately following the Table of Contents of this Agreement, and all accompanying Appendices, Addenda and Exhibits.
- 1.6 AT&T's obligations under this agreement shall only apply to the specific operating area(s) or portion thereof in which AT&T is then deemed to be the ILEC; under the Act (the "ILEC Territory"), and only to the extent that the CLEC is operating and offering service to End Users identified to be residing in such ILEC Territory, except as specifically addressed in the Attachment 6: Unbundled Network Elements.
- 1.7 This Agreement sets forth the terms and conditions pursuant to which AT&T agrees to provide CLEC with access to Unbundled Network Elements under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act in AT&T's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that AT&T is only obligated to make available UNEs and access to UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T's incumbent local exchange areas. AT&T has no obligation to provide such UNEs, Collocation, Interconnection and/or Resale to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T's incumbent local exchange areas. In addition, AT&T is not obligated to provision UNEs or to provide access to UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act and is not otherwise bound by any 251(c) obligations in geographic areas other than AT&T's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Agreement, and any associated provisions set forth elsewhere in this Agreement (including but not limited to the rates set forth in this Agreement associated with UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act), shall only apply to the Parties and be available to CLEC for provisioning telecommunication services within AT&T's incumbent local exchange area(s) in Ohio when this Agreement has been approved by the Commission and is in effect.

- 1.8 Throughout this Agreement, wherever there are references to unbundled network elements that are to be provided by AT&T under this Agreement, the Parties agree and acknowledge that their intent is for the Agreement to comply with Section 1.7, above, and require only the provision of UNEs, regardless of whether the term is used as part of the reference to unbundled network elements.

1.9 Successor Rates

- 1.9.1 Certain of the rates, prices and charges set forth in the pricing appendix have been established by the Public Utilities Commission of Ohio in cost proceedings or dockets initiated under or pursuant to the Act. If during the Term the Commission or the FCC changes a rate, price or charge in an order or docket that applies to any of the Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products and services available hereunder, the Parties agree to amend this Agreement to incorporate such new rates, prices and charges, with such rates, prices and charges to be effective as of the date specified in such order or docket (including giving effect to any retroactive application, if so ordered). If either Party refuses to execute an amendment to this Agreement within ninety (90) calendar days after the date of such order or docket, the other Party may pursue its rights under Section 13.
- 1.10 AT&T shall give CLEC 45 days' written notice of any change or discontinuance of policy, process, procedure or method offered by AT&T, unless the implementation of such change or discontinuance of such policy, process, procedure or method is beyond the control of AT&T. CLEC shall not have veto power over changes proposed by AT&T.

2. GENERAL RESPONSIBILITIES OF THE PARTIES

- 2.1 Each Party is solely responsible for all products and services it provides to its end users and to other Telecommunications Carriers.
- 2.2 Facilities-based carriers are responsible for administering their end user records in a LIDB.
- 2.3 At all times during the term of this Agreement, each Party shall keep and maintain in force at its own expense the following minimum insurance coverage and limits and any additional insurance and/or bonds required by Applicable Law:

For CLECs that are reselling AT&T Resale Services under this Agreement, the minimum insurance coverage and limits are as follows:

Commercial General Liability insurance with minimum limits of: \$2,000,000 General Aggregate limit; \$1,000,000 each occurrence sub-limit for Personal Injury and Advertising; \$2,000,000 Products/Completed Operations Aggregate limit, with a \$1,000,000 each occurrence sub-limit for Products/Completed Operations.

For CLECs that are Interconnecting or purchasing any Unbundled Network Elements, products or services under this Agreement, the minimum insurance coverage and limits are as follows:

- 2.3.1 Workers' Compensation insurance with benefits afforded under the laws of each state covered by this Agreement and Employers Liability insurance with minimum limits of \$100,000 for Bodily Injury-each accident, \$500,000 for Bodily Injury by disease-policy limits and \$100,000 for Bodily Injury by disease-each employee.
- 2.3.2 Commercial General Liability insurance with minimum limits of: \$10,000,000 General Aggregate limit; \$5,000,000 each occurrence sub-limit for all bodily injury or property Damage incurred in any one occurrence; \$1,000,000 each occurrence sub-limit for Personal Injury and Advertising; \$10,000,000 Products/Completed Operations Aggregate limit, with a \$5,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of \$2,000,000 are also required if this Agreement involves collocation. The other Party must be named as an Additional Insured on the Commercial General Liability policy.
- 2.3.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of \$1,000,000 combined single limits per occurrence for bodily injury and property Damage, which coverage shall extend to all owned, hired and non-owned vehicles.

- 2.3.4 Each Party shall require subcontractors providing services under this Agreement to maintain in force the insurance coverage and limits required in Sections 2.3, 2.3.1, and 2.3.3 of this Agreement.
- 2.3.5 The Parties agree that companies affording the insurance coverage required under Section 2.3 shall have a rating of B+ or better and a Financial Size Category rating of VII or better, as rated in the A.M. Best Key Rating Guide for Property and Casualty Insurance Companies. Upon request from the other Party, each Party shall provide to the other Party evidence of such insurance coverage.
- 2.3.6 Each Party agrees to provide the other Party with at least thirty (30) calendar days advance written notice of cancellation, material reduction or non-renewal of any of the insurance policies required herein.
- 2.3.7 Each Party agrees to accept the other Party's program of self-insurance in lieu of insurance coverage if certain requirements are met. These requirements are as follows:
- 2.3.7.1 The Party desiring to satisfy its Workers' Compensation and Employers Liability obligations through self-insurance shall submit to the other Party a copy of its Certificate of Authority to Self-Insure its Workers' Compensation obligations issued by the State of Ohio covered by this Agreement or the employee's state of hire; and
 - 2.3.7.2 The Party desiring to satisfy its automobile liability obligations through self-insurance shall submit to the other Party a copy of the state-issued letter approving self-insurance for automobile liability issued by each state covered by this Agreement; and
 - 2.3.7.3 The Party desiring to satisfy its general liability obligations through self-insurance must provide evidence acceptable to the other Party that it maintains at least an investment grade (e.g., B+ or higher) debt or credit rating as determined by a nationally recognized debt or credit rating agency such as Moody's, Standard and Poor's or Duff and Phelps.
- 2.3.8 This Section 2.3 is a general statement of insurance requirements and shall be in addition to any specific requirement of insurance referenced elsewhere in this Agreement or a Referenced Instrument.
- 2.4 Simultaneously with CLEC's execution of this Agreement, CLEC shall insert its state-specific authorized and nationally recognized OCN/AECNs for facilities-based (Interconnection and/or Unbundled Network Elements) and a separate and distinct OCN/AECN for Resale Services on the signature page of this Agreement and provide AT&T with a copy.
- 2.5 When an end user changes its service provider from AT&T to CLEC or from CLEC to AT&T and does not retain its former telephone number, AT&T will make available to the CLEC the ability to order and provision a Referral Announcement on the original telephone number to announce the new telephone number. The Party formerly providing service shall be responsible for furnishing the Referral Announcement Service pursuant to regulatory requirements provided such Announcement is requested for the original telephone number.
- 2.6 Each Party agrees to notify the other Party as soon as practicable whenever such Party has knowledge that a labor dispute concerning its employees threatens to materially delay such Party's timely performance of its obligations under this Agreement and shall endeavor to minimize impairment of service to the other Party (for example, by using its management personnel to perform work or by other means) in the event of a labor dispute to the extent permitted by Applicable Law.
- 2.7 This Agreement contains comprehensive OSS terms and conditions. CLEC represents, warrants and covenants that it will only use OSS furnished pursuant to this Agreement for activities related to UNEs, resold services or other services covered by this Agreement, and for which this Agreement contains explicit rates, terms, and conditions.
- 2.8 The Parties acknowledge and agree that the CLEC will not order products and services not included within this agreement. The Parties acknowledge and agree that AT&T will bill the CLEC for products and services included within this Agreement in accordance with the prices included within this Agreement for the products and services. Accordingly, if this Agreement is executed and/or approved by the Commission and the Parties

later discover that a product or service is included in this Agreement without an associated rate or charge, the Parties will agree upon a rate or charge to include in this Agreement for billing of said products and services. If the Parties cannot agree, either Party may pursue dispute resolution under the applicable provisions of this Agreement.

2.9 Intentionally Left Blank.

2.10 AT&T will make available any entire interconnection agreement approved by a regulatory commission under Section 252 of the Act to which it is a party to any other requesting telecommunications carrier upon the same terms and conditions as those provided in the agreement in accordance with Section 252(i) of the Act, as that Section has been interpreted in Applicable Law.

3. ASSURANCE OF PAYMENT

3.1 Upon request by AT&T, CLEC will provide AT&T with adequate assurance of payment of amounts due (or to become due) to AT&T.

3.2 Assurance of payment may be requested by AT&T if:

3.2.1 at the Effective Date CLEC had not already established satisfactory credit by having made a least twelve (12) consecutive months of timely payments to AT&T for charges incurred as a CLEC; or

3.2.2 CLEC fails to timely pay a bill rendered to CLEC by AT&T (except such portion of a bill that is subject to a good faith, bona fide dispute and as to which CLEC has complied with all requirements set forth in Section 13.4); or

3.2.3 when AT&T sends CLEC the second delinquency notification during the most recent twelve (12) months; or

3.2.4 when AT&T suspends CLEC's ability to process orders in accordance with Section 14.4.1; or

3.2.5 when CLEC files for protection under the bankruptcy laws; or when an involuntary petition in bankruptcy is filed against CLEC and is not dismissed within sixty (60) days; or

3.2.6 when this Agreement expires or terminates.

3.3 The Cash Deposit or Letter of Credit must be in an amount equal to two (2) months anticipated charges (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), as reasonably determined by AT&T, for the Interconnection, Resale Services, Unbundled Network Elements, Collocation or any other functions, facilities, products or services to be furnished by AT&T under this Agreement.

3.4 To the extent that a CLEC elects to make a Cash Deposit, the Parties intend that the provision of such Cash Deposit shall constitute the grant of a security interest in the Cash Deposit pursuant to Article 9 of the Uniform Commercial Code in effect in any relevant jurisdiction.

3.4.1 For the purposes of this Section, interest will be calculated as specified in Section 9.2.1 and shall be credited to CLEC's account at the time that the cash deposit is credited to CLEC's account.

3.4.2 So long as CLEC maintains timely compliance with its payment obligations, AT&T will not increase the deposit amount required. If CLEC fails to maintain timely compliance with its payment obligations, AT&T reserves the right to require additional deposit(s) in accordance with this Section 3.

3.5 If during the first six (6) months of operations, CLEC has been sent one delinquency notification letter by AT&T, the deposit amount shall be re-evaluated based upon CLEC's actual billing totals and shall be increased if CLEC's actual billing average:

3.5.1 for AT&T for a two (2) month period exceeds the deposit amount held; or

- 3.6 Throughout the Term, any time CLEC has been sent two (2) delinquency notification letters by AT&T, the deposit amount shall be re-evaluated based upon CLEC's actual billing totals and shall be increased if CLEC's actual billing average:
- 3.6.1 for AT&T for a two (2) month period exceeds the deposit amount held; or
- 3.7 Whenever a deposit is re-evaluated as specified in Section 3.5 or Section 3.6, such deposit shall be calculated in an amount equal to the average billing to CLEC for a two (2) month period. The most recent three (3) months billing on all of CLEC's CBAs and BANs for Resale Services or Network Elements within that state shall be used to calculate CLEC's monthly average.
- 3.7.1 After calculating the amount equal to the average billing to CLEC for a two (2) month period in Ohio, AT&T shall add the amount of any charges that would be applicable to transfer all of CLEC's then-existing End-Users of Resale Services to AT&T in the event of CLEC's disconnection for non-payment of charges. The resulting sum is the amount of the deposit.
- 3.8 If AT&T draws on the Letter of Credit or Cash Deposit, upon request by AT&T CLEC will provide a replacement or supplemental letter of credit or cash deposit conforming to the requirements of Section 3.3.
- 3.9 Notwithstanding anything else set forth in this Agreement, if AT&T makes a request for assurance of payment in accordance with the terms of this Section, then AT&T shall have no obligation thereafter to perform under this Agreement until such time as CLEC has furnished AT&T with the assurance of payment requested; provided, however, that AT&T will permit CLEC a minimum of twelve (12) Business Days to respond to a request for assurance of payment before invoking this Section.
- 3.9.1 Any cash deposit requirement may be satisfied in whole or in part with an irrevocable bank letter of credit acceptable to AT&T, or a surety bond underwritten by a company approved by the Ohio Insurance Department to underwrite such surety bonds. No interest shall be paid by AT&T for any portion of the deposit requirement satisfied by an irrevocable bank letter of credit or surety bond. AT&T may demand payment from the issuing bank or bonding company of any irrevocable bank letter of credit or surety bond upon the occurrence of any of the events listed in Section 3.2.3 through 3.2.6.
- 3.10 The fact that AT&T holds either a cash deposit or irrevocable bank letter of credit does not relieve CLEC from timely compliance with its payment obligations under this Agreement.

4. EFFECTIVE DATE AND TERM OF AGREEMENT

- 4.1 With the exception of AT&T Ohio, the Effective Date of this Agreement (the "Effective Date") shall be as follows: (i) unless this Agreement is a successor agreement to an effective interconnection agreement between the Parties under Sections 251/252 of the Act, then the Effective Date of this Agreement shall be ten (10) calendar days after the Commission approves this Agreement under Section 252(e) of the Act or, absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act; or (ii) if this Agreement is a successor agreement to an effective interconnection agreement between the Parties under Sections 251/252, then the Effective Date shall be the date upon which the Commission approves the Agreement under the Act, or absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act. In AT&T Ohio, based on the PUC-OH, the Agreement is Effective upon filing and is deemed approved by operation of law on the 91st day after filing;
- 4.2 The Agreement shall expire on November 21, 2012 (the "Extended Expiration Date"). Absent the receipt by one Party of written notice from the other Party not earlier than 180 calendar days prior to the expiration of the Term to the effect that such Party does not intend to extend the Term ("Notice of Expiration"), this Agreement shall remain in full force and effect, on a month to month basis, on and after the expiration of the Term until terminated by either Party.
- 4.2.1 If either Party serves Notice of Expiration pursuant to Section 4.2, CLEC shall have twenty (20) calendar days to provide AT&T written confirmation if CLEC wishes to pursue a successor agreement with AT&T or alternatively, if CLEC wishes to allow the current Agreement to expire. If CLEC wishes to pursue a successor

agreement with AT&T, CLEC shall attach to its written confirmation or Notice of Expiration, as applicable, a written request to commence negotiations with AT&T under Sections 251/252 of the Act. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations on a successor agreement.

- 4.2.1.1 If CLEC does not affirmatively state that it wishes to pursue a successor agreement with AT&T in its, as applicable, Notice of Expiration or the written confirmation required after receipt of AT&T's Notice of Expiration, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of 1) the expiration of the Term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date CLEC provided or received Notice of Expiration. Unless otherwise agreed by the Parties, if the Term of this Agreement has expired, on the ninety-first (91st) day following CLEC provided or received Notice of Expiration, the Parties shall have no further obligations under this Agreement except those described in Section 50 of this Agreement, including but not limited to the obligations described in Section 4.11 below.
- 4.3 CLEC may terminate this Agreement in whole or in part at any time for any reason upon sixty (60) days prior notice but its liabilities and obligations shall continue in accordance with Section 50 below.
- 4.4 If either Party desires to negotiate a successor agreement to this Agreement, such Party must provide the other Party with a written request to negotiate such successor agreement (Request to Negotiate / Notice of Expiration or "Request/Notice") not earlier than 365 calendar days prior to the expiration and not later than 180 calendar days prior to the expiration of this Agreement.
- 4.5 If a Request/Notice is not received pursuant to Section 4.4 then this Agreement shall remain in full force and effect on and after the expiration of the Term on a month-to-month basis until terminated pursuant to this Section or Section 4.8 or 4.10. During any month-to-month extension of this Agreement, the rates, terms and conditions of this Agreement shall continue in full force and effect until the earlier of (i) the effective date of its successor agreement, whether such successor agreement is established via negotiation, arbitration or pursuant to Section 252(i) of the Act; or (ii) the date that is ten (10) months after the date on which AT&T received CLEC's Section 252(a)(1) Request to Negotiate.
- 4.6 If CLEC submits a Request under Sections 251/252(i) of the Act for a successor agreement or AT&T submits a Notice, the Request/Notice does not activate the negotiation timeframe set forth in this Agreement. If CLEC's Request is pursuant to Section 252(a)(1), CLEC will delineate the items desired to be negotiated. Not later than 45 days from receipt of said Request/Notice, the receiving Party will notify the sending Party of additional items desired to be negotiated, if any. The Parties will begin negotiations not later than 135 days prior to expiration of this Agreement. If CLEC's Request is made pursuant to Section 252(i), the Agreement selected for adoption will be prepared for execution by the Parties.
- 4.7 If at any time during the Section 252(a)(1) negotiation process (whether prior to or after the expiration date or termination date of this Agreement), CLEC withdraws its Section 252(a)(1) request, CLEC must include in its notice of withdrawal either a request to adopt a successor agreement under Section 252(i) of the Act or an affirmative statement that CLEC does not wish to pursue a successor agreement with AT&T for the state of Ohio. The rates, terms and conditions of this Agreement shall continue in full force and effect until the later of: 1) the expiration of the term of this Agreement, or 2) the effective date of the successor agreement being adopted under Section 252(i) as set forth above.
- 4.8 If the CLEC fails to timely respond to AT&T's Section 4.2 Notice, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of: 1) the expiration of the Term of this Agreement, or 2) the expiration of one hundred twenty (120) calendar days after the date CLEC provided its Request or received AT&T's Notice. If the Term of this Agreement has expired, on the one hundred twenty-first (121st) day following CLEC's Request or receipt of AT&T's Notice, the Parties shall have no further obligations under this Agreement except those set forth in Section 4.11 of this Agreement.

- 4.9 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement, and the other Party fails to cure such nonperformance or breach within forty-five (45) business days after written notice thereof. Any termination of this Agreement pursuant to this Section shall take effect immediately upon delivery of written notice to the other Party that it failed to cure such nonperformance or breach within forty-five (45) business days after written notice thereof.
- 4.9.1 As long as a non-paying Party has disputed unpaid amounts in good faith and pursuant to the terms of this Agreement, non-payment is not to be deemed, nor should it be construed as, a material breach of this Agreement.
- 4.10 If pursuant to Section 4.2 this Agreement continues in full force and effect on a month-to-month basis after the expiration of the Term, either Party may terminate this Agreement by delivering written notice to the other Party of its intention to terminate this Agreement, subject to Sections 4.4, and 4.5. Neither Party shall have any liability to the other Party for termination of this Agreement pursuant to this Section other than its obligations under Sections 4.4 and 4.5.
- 4.11 Upon termination or expiration of this Agreement:
- 4.11.1 Each Party shall continue to comply with its obligations set forth in Section 50 Survival of Obligations; and
- 4.11.2 Each Party shall promptly pay all amounts including any late payment charges owed under this Agreement.
- 4.12 In the event of expiration or termination of this Agreement other than pursuant herein, AT&T and CLEC shall cooperate in good faith to effect an orderly and timely transition of service provided under this Agreement to CLEC or to another vendor but in any event not later than the 120th day after the expiration or termination of this Agreement. So long as CLEC fulfills said obligation to effect an orderly and timely transition of service, and continues to pay AT&T for the charges incurred during the transition of service, AT&T shall not terminate service to CLEC's end users and such service shall be provided pursuant to the terms of the interconnection agreement during this transition period. In the event CLEC withdraws from providing local service, it shall not prevent (from an operational or administrative standpoint) its end users from being transitioned to a new LEC. AT&T and CLEC shall continue their responsibilities under the terms and conditions of the terminated or expired Agreement for any order submitted to AT&T in connection with this transition of service.
- 4.13 Should CLEC opt into another Commission-approved interconnection agreement pursuant to Section 252(i) of the Act and 47 C.F.R. § 51.809, such interconnection agreement shall expire on the date the adopted interconnection agreement expires. All monetary obligations of the Parties to one another under the immediately previous interconnection agreement between the Parties shall remain in full force and effect and shall constitute monetary obligations of the Parties under this Agreement.

5. ASSIGNMENT AND NAME CHANGE

5.1 Assignment of Contract

- 5.1.1 CLEC may not assign or transfer this Agreement or any rights or obligations hereunder, whether by operation of law or otherwise, to a non-affiliated third party without the prior written consent of AT&T. Any attempted assignment or transfer that is not permitted is void *ab initio*.
- 5.1.2 CLEC may assign or transfer this Agreement and all rights and obligations hereunder, whether by operation of law or otherwise, to its Affiliate by providing sixty (60) calendar days' advance written notice of such assignment or transfer to AT&T; provided that such assignment or transfer is not inconsistent with Applicable Law (including the Affiliate's obligation to obtain and maintain proper Commission certification and approvals) or the terms and conditions of this Agreement. Notwithstanding the foregoing, CLEC may not assign or transfer this Agreement, or any rights or obligations hereunder, to its Affiliate if that Affiliate is a party to a

separate agreement with AT&T under Sections 251 and 252 of the Act. Any attempted assignment or transfer that is not permitted is void *ab initio*.

5.2 Company Code Change

5.2.1 Any assignment or transfer of an interconnection agreement associated with the transfer or acquisition of "assets" provisioned under that interconnection agreement, where the OCN/ACNA formerly assigned to such "assets" is changing constitutes a CLEC Company Code Change. For the purposes of this Section, "assets" means any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provided under that interconnection agreement. CLEC shall provide AT&T with ninety (90) calendar days advance written notice of any assignment associated with a CLEC Company Code Change and obtain AT&T's consent. AT&T shall not unreasonably withhold consent to a CLEC Company Code Change; provided, however, AT&T's consent to any CLEC Company Code Change is contingent upon cure of any outstanding charges owed under this Agreement and any outstanding charges associated with the "assets" subject to the CLEC Company Code Change. In addition, CLEC acknowledges that CLEC may be required to tender additional assurance of payment if requested under the terms of this Agreement.

5.2.2 For any CLEC Company Code Change, CLEC must submit a service order changing the OCN/ACNA for each End-User record and/or a service order for each circuit ID number, as applicable. CLEC shall pay the appropriate charges for each service order submitted to accomplish a CLEC Company Code Change; such charges are contained in the Appendix Pricing, Schedule of Prices. In addition, CLEC shall submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to this Agreement. In addition, CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks, new signage and any other work necessary with respect to Collocation, as determined on an individual case basis.

5.3 Assignment of any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service.

5.3.1 Any assignment or transfer of any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provisioned pursuant to this Agreement without the transfer or the assignment of this Agreement shall be deemed a CLEC to CLEC Mass Migration. The CLEC that is a Party to this Agreement shall provide AT&T with ninety (90) calendar days advance written notice of any CLEC to CLEC Mass Migration. CLEC's written notice shall include the anticipated effective date of the assignment or transfer. The acquiring CLEC must cure any outstanding charges associated with any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service to be transferred. In addition, the acquiring CLEC may be required to tender additional assurance of payment if requested under the terms of the acquiring CLEC's agreement.

5.3.2 Both CLECs involved in any CLEC to CLEC Mass Migration shall comply with all Applicable Law relating thereto, including but not limited to all FCC and state Commission rules relating to notice(s) to End-Users. The acquiring CLEC shall be responsible for issuing all service orders required to migrate any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provided hereunder. The appropriate service order charge or administration fee (for interconnection) will apply as specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's interconnection agreement. The acquiring CLEC shall also submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's agreement. In addition, the acquiring CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks, new signage and any other work necessary with respect to Collocation, as determined on an individual case basis.

5.4 Project Coordination

5.4.1 AT&T will provide project management support to effectuate changes of the types identified in Sections 5.4.2.

- 5.4.2 AT&T will provide project management support to minimize any possible service outages during any CLEC to CLEC Mass Migration. Should AT&T's most current version of LSOR or ASOR guidelines not support the required order activity, AT&T will issue service orders at the manual rate, as specified in the Appendix Pricing, Schedule of Prices to this Agreement, based upon type of service provided, and on the condition that CLEC provides to AT&T any and all information AT&T reasonably requests to effectuate such changes.
- 5.5 In the event that either Party makes any corporate name change (including addition or deletion of a d/b/a), change in OCN/AECN, or makes or accepts a transfer or assignment of interconnection trunks or facilities (including leased facilities), or there is a change in any other company identifier (collectively, an "OCN/Name Change"), the changing Party shall submit written notice to other Party within thirty (30) calendar days of the first action taken to implement such OCN/Name Change. This section does not apply to the repair and/or operator services announcement recordings, where the Parties shall pay the applicable charges outlined in the Pricing Appendix associated with recording and otherwise updating any branding or announcement(s), and applicable service order charges. In the event of any other OCN/AECN Change, the Parties agree that at such time as a Party makes an OCN/AECN Change the Parties shall negotiate whether any OCN/AECN Change charges are appropriate and the scope of such charges, if any, unless otherwise ordered by the Commission.

6. CONFIDENTIALITY AND PROPRIETARY INFORMATION

- 6.1 For the purposes of this Agreement, "Confidential Information" means confidential or proprietary technical or business information given by the Discloser to the Recipient. All such information which is disclosed by one party to the other in connection with this Agreement, during negotiations and the term of this Agreement, will automatically be deemed proprietary to the Discloser and subject to this Agreement, unless otherwise confirmed in writing by the Discloser. In addition, by way of example and not limitation, all orders for Resale Services, Network Elements or Combinations placed by CLEC pursuant to this Agreement, and information that would constitute Customer Proprietary Network Information of CLEC's customers pursuant to the Act and the rules and regulations of the Federal Communications Commission (FCC), and call records and Recorded Usage Data as described in Attachment 24 – Recording-Facilities Based, whether disclosed by CLEC to AT&T or otherwise acquired by AT&T in the course of the performance of this Agreement, will be deemed Confidential Information of CLEC for all purposes under this Agreement. Unless otherwise agreed, if a Party is required to submit information about one or more CLECs to a regulatory or judicial body, the obligations of confidentiality and non-use set forth in this Agreement do not apply to such Confidential Information that is so commingled with the Receiving Party or a third party's information such that disclosure could not possibly reveal the underlying proprietary or confidential information.
- 6.2 For a period of five (5) years from the receipt of Confidential Information from the Discloser, except as otherwise specified in this Agreement, the Recipient agrees (a) to use it only for the purpose of performing under this Agreement, (b) to hold it in confidence and disclose it to no one other than its employees having a need to know for the purpose of performing under this Agreement, and (c) to safeguard it from unauthorized use or disclosure using at least the same degree of care with which the Recipient safeguards its own Confidential Information. If the Recipient wishes to disclose the Discloser's Confidential Information to a third-party agent or consultant, such disclosure must be agreed to in writing by the Discloser, and the agent or consultant must have executed a written agreement of nondisclosure and nonuse comparable in scope to the terms of this Section.
- 6.3 The Recipient may make copies of Confidential Information only as reasonably necessary to perform its obligations under this Agreement. All such copies will be subject to the same restrictions and protections as the original and will bear the same copyright and proprietary rights notices as are contained on the original.
- 6.4 The Recipient agrees to return all Confidential Information in tangible form received from the Discloser, including any copies made by the Recipient within thirty (30) days after a written request is delivered to the Recipient, or to destroy all such Confidential Information if directed to do so by Discloser except for Confidential Information that the Recipient reasonably requires to perform its obligations under this

Agreement. If either Party loses or makes an unauthorized disclosure of the other Party's Confidential Information, it will notify such other party immediately and use reasonable efforts to retrieve the lost or wrongfully disclosed information.

- 6.5 The Recipient will have no obligation to safeguard Confidential Information: (a) which was in the possession of the Recipient free of restriction prior to its receipt from the Discloser, (b) after it becomes publicly known or available through no breach of this Agreement by the Recipient; (c) after it is rightfully acquired by the Recipient free of restrictions on its disclosure; or (d) after it is independently developed by personnel of the Recipient to whom the Discloser's Confidential Information had not been previously disclosed. In addition, either Party will have the right to disclose Confidential Information to any mediator, arbitrator, state, or federal regulatory body, or a court in the conduct of any mediation, arbitration or approval of this Agreement, so long as, in the absence of an applicable protective order, the Discloser has been promptly notified by the Recipient and so long as the Recipient undertakes all lawful measures to avoid disclosing such information until Discloser has had reasonable time to negotiate a protective order with any such mediator, arbitrator, state or regulatory body or a court, and complies with any protective order that covers the Confidential Information.
- 6.6 The Parties acknowledge that an individual customer may simultaneously seek to become or be a customer of both Parties. Nothing in this Agreement is intended to limit the ability of either Party to use customer specific information lawfully obtained from customers or sources other than the Disclosing Party.
- 6.7 Each Party's obligations to safeguard Confidential Information disclosed prior to expiration or termination of this Agreement will survive such expiration or termination.
- 6.8 Except as otherwise expressly provided elsewhere in this Agreement, no license is hereby granted under any patent, trademark, or copyright, nor is any such license implied solely by virtue of the disclosure of any Confidential Information.
- 6.9 Each Party agrees that the Discloser may be irreparably injured by a disclosure in breach of this Agreement by the Recipient or its representatives and the Discloser will be entitled to seek equitable relief, including injunctive relief and specific performance, in the event of any breach or threatened breach of the confidentiality provisions of this Agreement. Such remedies will not be deemed to be the exclusive remedies for a breach of this Agreement, but will be in addition to all other remedies available at law or in equity.

7. LIABILITY AND INDEMNIFICATION

7.1 Limitation of Liabilities

- 7.1.1 Except as specifically provided in Attachment 25: DSL, the Parties' liability to each other during any Contract Year resulting from any and all causes, other than as specified below in Sections 7.3.3, following, and for willful or intentional misconduct (including gross negligence), will not exceed the total of any amounts charged to CLEC by AT&T under this Agreement during the Contract Year in which such cause accrues or arises. For purposes of this Section, the first Contract Year commences on the first day this Agreement becomes effective and each subsequent Contract Year commences on the day following that anniversary date.

7.1.2 Intentionally Left Blank.

7.1.3 Intentionally Left Blank.

7.1.4 Intentionally Left Blank.

7.2 No Consequential Damages

- 7.2.1 EXCEPT AS OTHERWISE PROVIDED IN ATTACHMENT 17, NEITHER CLEC NOR AT&T WILL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, INCIDENTAL CONSEQUENTIAL, RELIANCE, OR SPECIAL DAMAGES SUFFERED BY SUCH OTHER PARTY (INCLUDING WITHOUT LIMITATION DAMAGES FOR HARM TO BUSINESS, LOST REVENUES, LOST SAVINGS, OR LOST PROFITS SUFFERED BY SUCH OTHER PARTY), REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, WARRANTY, STRICT LIABILITY, OR TORT, INCLUDING WITHOUT LIMITATION, NEGLIGENCE OF ANY KIND

WHETHER ACTIVE OR PASSIVE, AND REGARDLESS OF WHETHER THE PARTIES KNEW OF THE POSSIBILITY THAT SUCH DAMAGES COULD RESULT. EACH PARTY HEREBY RELEASES THE OTHER PARTY (AND SUCH OTHER PARTY'S SUBSIDIARIES AND AFFILIATES, AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS) FROM ANY SUCH CLAIM. NOTHING CONTAINED IN THIS SECTION WILL LIMIT THE LIABILITY OF EITHER AT&T OR CLEC TO THE OTHER FOR (i) WILLFUL OR INTENTIONAL MISCONDUCT (INCLUDING GROSS NEGLIGENCE); (ii) BODILY INJURY, DEATH, OR DAMAGE TO TANGIBLE REAL OR TANGIBLE PERSONAL PROPERTY PROXIMATELY CAUSED BY THE NEGLIGENT ACT OR OMISSION OF EITHER PARTY HERETO OR THE NEGLIGENT ACT OR OMISSION OF THEIR RESPECTIVE AGENTS, SUBCONTRACTORS OR EMPLOYEES, NOR WILL ANYTHING CONTAINED IN THIS SECTION LIMIT THE PARTIES' INDEMNIFICATION OBLIGATIONS, AS SPECIFIED BELOW. ADDITIONALLY, NOTHING CONTAINED IN THIS SECTION SHALL EXCLUDE OR LIMIT THE LIABILITY OF EITHER PARTY WITH RESPECT TO OBLIGATIONS UNDER THE FINANCIAL INCENTIVE OR REMEDY PROVISIONS OF ANY SERVICE QUALITY PLAN REQUIRED BY THE FCC OR THE COMMISSION OR BILL CREDIT REMEDIES AND DAMAGES IN CONNECTION WITH FAILURE TO PROVIDE ADEQUATE CARRIER-TO-CARRIER SERVICE QUALITY OR TO MEET THE PERFORMANCE MEASUREMENTS AS SET FORTH IN ATTACHMENT 17 TO THIS AGREEMENT.

7.3 Obligation to Indemnify

7.3.1 Intentionally Left Blank.

7.3.2 Intentionally Left Blank.

7.3.3 Each Party will and hereby agrees to defend at the other's request, indemnify, and hold harmless the other Party and each of its officers, directors, employees, and agents (each, an Indemnitee) against and in respect of any loss, debt, liability, damage, obligation, claim, demand, judgment, or settlement of any nature or kind, known or unknown, liquidated or unliquidated, including without limitation all reasonable costs and expenses incurred (legal, account or otherwise) (collectively, Damages) arising out of, resulting from, or based upon any pending or threatened Claim, action, proceeding or suit by any third party (a Claim) (i) alleging any omissions, breach of any representation, warranty, or covenant made by such indemnifying Party (the Indemnifying Party) in this Agreement, (ii) based upon injuries or damages to any person or property or the environment arising out of or in connection with this Agreement that are the result of the Indemnifying Party's actions, breach of Applicable Law, or the actions, omissions or status of its employees, agents, and subcontractors and with regard to Operation Support Systems (OSS), in addition to the foregoing, any actions or claims relating to a) any unauthorized entry or access into, or use or manipulation of AT&T OSS from CLEC systems, workstations or terminals or by CLEC employees, agents, or any third party gaining access through information and/or facilities obtained from or utilized by CLEC; b) failure to perform accurate and correct ordering including Resale and UNE services, rates, and charges, subject to the terms of this Agreement c) any claim made by an end user of CLEC or other third parties against AT&T caused by or related to CLEC's inaccurate use of any AT&T OSS. Indemnification for OSS shall also include any necessary and reasonable labor expenses incurred by AT&T related to such inaccurate or improper use of OSS.

7.3.3.1 In the case of any Loss alleged or Claim made by an end user of either Party, the Party whose end user alleged or made such loss ("Indemnifying Party") shall defend and indemnify the other party (Indemnified Party) against any and all such claims or loss by its end users regardless of whether the underlying service was provided or unbundled element was provisioned by the Indemnified Party, unless the loss was caused by the gross negligence or intentional or willful misconduct or breach of applicable law of the other (Indemnified) Party.

7.3.4 CLEC acknowledges that its right under this Agreement to interconnect with AT&T's network and to unbundle and/or combine AT&T's unbundled network elements (including combining with CLEC's network elements) may be subject to or limited by Intellectual Property rights (including without limitation, patent, copyright, trade secret, trade mark, service mark, trade name and trade dress rights) and contract rights of third parties.

7.3.5 Intentionally Left Blank.

7.3.6 Intentionally Left Blank.

7.3.7 Intentionally Left Blank.

7.3.8 CLEC acknowledges that services and facilities to be provided by AT&T hereunder may use or incorporate products, services or information proprietary to third party vendors and may be subject to third party intellectual property rights. In the event that proprietary rights restrictions in agreements with such third party vendors do not permit AT&T to provide to CLEC, without additional actions or costs, particular Unbundled Network Element(s) otherwise required to be made available to CLEC under this Agreement, then, as may be required by applicable state or federal law:

7.3.8.1 AT&T agrees to provide written notification to CLEC, directly or through a third party, of such restrictions that extend beyond restrictions otherwise imposed under this Agreement or applicable Tariff restrictions; and

7.3.8.2 For any new agreements that AT&T enters into or existing agreements that it renews, AT&T shall use its best efforts to procure rights or licenses to allow AT&T to provide to CLEC the particular Unbundled Network Element(s), on terms comparable to terms provided to AT&T, directly or on behalf of CLEC ("Additional Rights/Licenses").

7.3.8.3 For any new agreements that AT&T enters into or existing agreements that it renews, in the event that AT&T, after using its best efforts, is unable to procure Additional Rights/Licenses for CLEC, AT&T will promptly provide written notification CLEC of the specific facilities or equipment (including software) that it is unable to provide pursuant to the license, as well as any and all related facilities or equipment; the extent to which it asserts CLEC's use has exceeded (or will exceed) the scope of the license; and the specific circumstances that prevented it from obtaining the revised provisions.

7.3.8.4 In the event CLEC provides in writing within thirty (30) calendar days of written notice in section (c) above that AT&T has not exercised such best efforts, CLEC may seek a determination through an expedited petition to the Public Utilities Commission of Ohio as to whether AT&T has exercised such best efforts.

7.3.8.5 If and to the extent AT&T is unable to make all warranties required pursuant to this agreement without additional costs, including payment of additional fees, in renegotiating with its vendors or licensors, AT&T may seek recovery of such costs as are reasonable. Such additional costs shall be shared among all requesting carriers, including AT&T, provided, however, all costs associated with the extension of Intellectual Property rights to CLEC pursuant to Section 7.3.8.2, including the cost of the license extension itself and the costs associated with the effort to obtain the license, shall be a part of the cost of providing the unbundled network element to which the Intellectual Property rights relate and apportioned to all requesting carriers using that unbundled network element including AT&T.

7.3.9 Both Parties agree to promptly inform the other of any pending or threatened Intellectual Property Claims of third parties that may arise in the performance of this Agreement.

7.3.10 Any Intellectual Property originating from or developed by a Party shall remain in the exclusive ownership of that Party. Notwithstanding the exclusive ownership of Intellectual Property originated by a Party, the Party that owns such Intellectual Property will not assess a separate fee or charge to the other Party for the use of such Intellectual Property to the extent used in the provision of a product or service, available to either party under this Agreement, that utilizes such Intellectual Property to function properly.

7.4 Obligation to Defend; Notice; Cooperation

7.4.1 Whenever a Claim will arise for indemnification under this Section, the relevant Indemnatee, as appropriate, will promptly notify the Indemnifying party and request the Indemnifying Party to defend the same. Failure to so notify the Indemnifying Party will not relieve the Indemnifying Party of any liability that the Indemnifying

Party might have, except to the extent that such failure prejudices the Indemnifying Party's ability to defend such Claim. The Indemnifying Party will have the right to defend against such liability or assertion in which event the Indemnifying Party will give written notice to the Indemnitee of acceptance of the defense of such Claim and the identity of counsel selected by the Indemnifying Party. Except as set forth below, such notice to the relevant Indemnitee will give the Indemnifying Party full authority to defend, adjust, compromise, or settle such Claim with respect to which such notice will have been given, except to the extent that any compromise or settlement might prejudice the Intellectual Property Rights of the relevant Indemnities. The Indemnifying Party will consult with the relevant Indemnitee prior to any compromise or settlement that would affect the Intellectual Property Rights or other rights of any Indemnitee, and the relevant Indemnitee will have the right to refuse such compromise or settlement and, at the refusing Party's cost, to take over such defense, provided that in such event the Indemnifying Party will not be responsible for, nor will it be obligated to indemnify the relevant Indemnitee against any cost or liability in excess of such refused compromise or settlement. With respect to any defense accepted by the Indemnifying Party, the relevant Indemnitee will be entitled to participate with the Indemnifying Party in such defense if the Claim requests equitable relief or other relief that could affect the rights of the Indemnitee and also will be entitled to employ separate counsel for such defense at such Indemnitee's expense. In the event the Indemnifying Party does not accept the defense of any indemnified Claim as provided above, the relevant Indemnitee will have the right to employ counsel for such defense at the expense of the Indemnifying Party. Each Party agrees to cooperate and to cause its employees and agents to cooperate with the other Party in the defense of any such Claim.

8. COMPLIANCE AND CERTIFICATION

- 8.1 Each Party shall comply at its own expense with all Applicable Laws that relate to that Party's obligations to the other Party under this Agreement. Nothing in this Agreement shall be construed as requiring or permitting either Party to contravene any mandatory requirement of Applicable Law.
- 8.2 Each Party warrants that it has obtained all necessary state certification required in Ohio prior to ordering any Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products and services from the other Party pursuant to this Agreement. Upon request, each Party shall provide proof of certification.
- 8.3 Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, Governmental Authorities, building and property owners, other carriers, and any other Third Parties that may be required in connection with the performance of its obligations under this Agreement.
- 8.4 Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with the CALEA.

9. PAYMENT OF RATES AND CHARGES

- 9.1 Except as otherwise specifically provided elsewhere in this Agreement, the Parties will pay all undisputed rates and charges due and owing under this Agreement on or before the bill date. For purposes of this Agreement, the "Bill Due Date" shall be defined to mean on or before the next bill date.
- 9.2 If CLEC fails to remit payment for any charges by the Bill Due Date, or if payment for any portion of the charges is received from CLEC after the Bill Due Date, or if payment for any portion of the charges is received in funds which are not immediately available to AT&T as of the Bill Due Date (individually and collectively, "Past Due"), then a late payment charge will be assessed as provided in Sections 9.2.1 and 9.2.2, as applicable.
 - 9.2.1 If any charge incurred under this Agreement that is billed out of any AT&T billing system other than the AT&T Customer Records Information System (CRIS) becomes Past Due, the unpaid amounts shall bear interest from the day following the Bill Due Date until the day paid at the lesser of (i) the rate used to compute the Late Payment Charge in the AT&T intrastate access services tariff in that state or (ii) the highest rate of interest that may be charged under Ohio Law, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available. The application of interest (at the rate set forth in the preceding

sentence) to any Past Due charge incurred under this Agreement that is billed out of any AT&T billing system other than AT&T 's CRIS will comply with the process set forth in the AT&T intrastate access services tariff.

9.2.2 If any charge incurred under this Agreement that is billed out of AT&T's CRIS is Past Due, a late payment charge calculated as specified in Section 9.2.1 above will be assessed on any Past Due Ohio balance, provided, however, the late payment charge shall not be applied to any balance to which the late payment charge was applied in a previous billing.

9.2.3 All billing disputes between the Parties shall be governed by this Section and Section 13.

9.3 If any portion of an amount due to a Party (the "Billing Party") under this Agreement is subject to a bona fide dispute between the Parties, the Party billed (the "Non-Paying Party") must, prior to the Bill Due Date, give written notice to the Billing Party of the amounts it disputes ("Disputed Amounts") and include in such written notice the specific details and reasons for disputing each item that is listed in Section 13.4.4. The Non-Paying Party should utilize any existing and preferred form provided by the Billing Party to provide written notice of disputes to the Billing Party. The Non-Paying Party must pay when due all undisputed amounts to the Billing Party.

10. LIMITATION ON BACK-BILLING AND CREDIT CLAIMS:

10.1 Any "back-billed" charges or "back-credits" will be placed as Other Charges and Credits (OCC) on the bill or will be listed on the Detail of Adjustments page. The billing party will, upon request of the billed party, separately provide the billed party with documentation in the way of detailed work papers to substantiate the entry.

10.2 Intentionally Left Blank.

10.3 Intentionally Left Blank.

10.4 Notwithstanding anything to the contrary in this Agreement, a Party shall be entitled to back-bill for or claim credit for any charges for services provided pursuant to this Agreement that are found to be unbilled, under-billed or over-billed, but only when such charges appeared or should have appeared on a bill dated within the twelve (12) months immediately preceding the date on which the Billing Party provided written notice to the Billed Party of the amount of the back-billing or the Billed Party provided written notice to the Billing Party of the claimed credit amount. The Parties agree that the twelve (12) month limitation on back-billing and credit claims set forth in the preceding sentence shall be applied prospectively only after the Effective Date of this Agreement, meaning that the twelve month period for any back-billing or credit claims may only include billing periods that fall entirely after the Effective Date of this Agreement and will not include any portion of any billing period that began prior to the Effective Date of this Agreement.

10.4.1 The corrected bill shall be rendered within 45 calendar days of discovery of the error and the back billing must be accomplished during the life of the Interconnection Agreement. Payments are to be extended over the same amount of time in which the error occurred. For example, if the back billing covers a five-month period, the CLEC will be allowed five months to make five equal payments. Back billing is not subject to late payment charges.

10.5 Back-billing and credit claims, as limited above, will apply to all Interconnection, Resale Services, Unbundled Network Elements, Collocation, facilities, functions, product and services purchased under this Agreement. Reciprocal Compensation is specifically excluded from this Section 10 and is addressed separately in Attachment 12 - Intercarrier Compensation.

11. INTENTIONALLY LEFT BLANK

12. INTENTIONALLY LEFT BLANK

13. DISPUTE RESOLUTION

13.1 General Finality of Disputes

13.1.1 Except as otherwise specifically provided in this Agreement, no claims will be brought for disputes arising from this Agreement more than 24 months from the date the occurrence which gives rise to the dispute is discovered or reasonably should have been discovered with the exercise of due care and attention.

13.1.2 The Parties shall make a good faith effort to resolve their disputes within the timeframe identified in Section 13.3.1.

13.2 Alternative to Litigation

13.2.1 The Parties desire to resolve disputes arising out of this Agreement without litigation. Accordingly, except for action seeking a temporary restraining order or an injunction related to the purposes of this Agreement, or suit to compel compliance with this Dispute Resolution process, the Parties agree to use the following Dispute Resolution procedure with respect to any controversy or claim arising out of or relating to this Agreement or its breach.

13.2.2 Notwithstanding any other section of this agreement, the Parties each reserve the right to utilize any available regulatory process available to them at the Commission as an alternative to litigation.

13.3 Informal Resolution of Disputes

13.3.1 In the case of any dispute other than one covered by Section 9.3, and at the written request of a Party, each Party will appoint a knowledgeable, responsible representative with authority to resolve the dispute. To initiate the informal dispute process, a Party must provide to the other Party, written notice of the dispute that includes both a detailed description of the dispute and the name of an individual who will serve as the initiating Party's representative. The other Party shall have five (5) business days to designate its own representatives. The location, form, frequency, and conclusion of these discussions will be left to the discretion of the representatives. Notwithstanding the foregoing, the informal dispute process must conclude within sixty (60) days from the receipt of written notice of dispute unless otherwise agreed to in writing by the Parties. Upon agreement, the representatives may utilize other alternative informal dispute resolution procedures such as mediation to assist in the negotiations. Settlement offers by both Parties are exempt from discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. All other documents related to the dispute that are not prepared for purposes of the settlement offer are not so exempted and, if otherwise admissible, may be admitted in evidence in the arbitration or lawsuit.

13.3.2 Customer-Affecting Disputes

Notwithstanding the other dispute resolution procedures set forth in this Agreement, a Party may seek emergency relief from the Commission for the resolution of any problem that interrupts or threatens to interrupt the service of either Party's customers. In such instance, the Parties agree to provide all filings and submissions required by the Commission on an expedited basis, in accordance with the practices and rules of the Commission.

13.3.3 If CLEC files a dispute and seeks interim relief from the Commission, then AT&T may not disconnect CLEC or suspend order acceptance over any open issues involved in the dispute until the Commission has finally ruled on the interim relief request.

13.3.4 Issues that may be disputed under this section include but are not limited to: (1) ordering and provisioning and maintenance and repair issues not resolved as provided for in the routine escalations processes; (2) parity issues; and, (3) adherence to and interpretation of this Agreement's terms and conditions. Billing Disputes will be handled pursuant to Section 13.4 of this Agreement.

13.4 Billing Disputes

- 13.4.1 The Parties agree that with respect to matters that are the subject of a billing dispute, the party disputing such billing may withhold payment of the disputed amount. If a billed amount is paid and subsequently disputed and ultimately determined to have been billed in error, interest shall be paid from the time payment was received through time it was refunded. The Parties further agree that if any billing dispute is resolved in favor of the billing Party the billing Party will receive, in addition to the amount disputed, interest applied to the disputed amount as set forth in Section 9.2.1. Late payment charges shall not be assessed to disputed amounts.
- 13.4.2 To the extent that any other portions of this Agreement provide for a bill closure process between the parties, or if such a process is mutually agreed to by the Parties, the procedures involved in such processes will not be deemed to place a particular billing item in dispute for purposes of this Section.
- 13.4.3 To initiate the billing dispute process, a Party must provide to the other Party, written notice of the dispute that includes both a detailed description of the dispute and the name of a representative with authority to resolve the dispute who will serve as the initiating Parties' representative. The other Party shall have five (5) business days to designate its own representatives with authority to resolve the dispute. The location, form, frequency, and conclusion of these discussions will be left to the discretion of the representatives. The parties will endeavor to resolve the dispute within thirty (30) calendar days of the initiation of the dispute unless mutually agreed to extend the period in writing. Neither Party may deny a dispute without full explanation of its reasons for such denial. A dispute shall remain open unless the parties mutually agree to close the dispute.
- 13.4.4 In order to resolve a billing dispute, the disputing Party shall furnish written notice which shall include sufficient detail of and rationale for the dispute, including to the extent available, the (i) date of the bill in question, (ii) CBA/ESBA/ASBS or BAN number of the bill in question, (iii) telephone number(s) in question, (iv) circuit ID number or trunk number in question, (v) any USOC information relating to the item(s) questioned, (vi) amount billed, (vii) amount disputed, (viii) the reason the disputing Party disputes the billed amount, (ix) minutes of use disputed by jurisdictional category, and (x) the contact name, email address and telephone number.
- 13.4.4.1 If the disputing Party is not satisfied by the resolution of the billing dispute under this Section 13.4.4, the disputing Party may notify the Billing Party in writing that it wishes to invoke the formal Resolution of Disputes afforded pursuant to Section 13.5.
- 13.4.4.2 Unless otherwise specified or prescribed by Commission order, all billing true-ups will be administered by the billing Party for all components of the true-up, which shall be provided on the same bill invoice. True-up charges shall be separated from other charges on an invoice. True-ups will be implemented in a reasonable and timely manner and must provide sufficient detail for the billed Party to audit the bill.

13.5 Formal Resolution of Disputes

- 13.5.1 Except as otherwise specifically set forth in this Agreement, for all disputes arising out of or pertaining to this Agreement, including but not limited to matters not specifically addressed elsewhere in this Agreement that require clarification, renegotiation, modifications or additions to this Agreement, either Party may invoke dispute resolution procedures available pursuant to the complaint process of OCC. Upon mutual agreement, the Parties may seek commercial binding arbitration as specified in Section 13.6.
- 13.5.2 The Parties agree that the Dispute Resolution procedures set forth in this Agreement are not intended to conflict with applicable requirements of the Act or the complaint process pursuant to OCC rules with regard to procedures for the resolution of disputes arising out of this Agreement.

13.6 Arbitration

13.6.1 When both Parties agree to binding arbitration, disputes will be submitted to a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association or pursuant to such other provider of arbitration services or rules as the Parties may agree. Arbitration will be held in Chicago, Illinois unless the Parties agree otherwise. The arbitration hearing will be requested to commence within 60 days of the demand for arbitration. The arbitrator will control the scheduling so as to process the matter expeditiously. The Parties may submit written briefs upon a schedule determined by the arbitrator. The Parties will request that the arbitrator rule on the dispute by issuing a written opinion within 30 days after the close of hearings. The Parties agree that, notwithstanding any rule of the AAA Commercial Arbitration Rules to the contrary, the arbitrator has no authority to order punitive, or consequential damages or any other Damages not measured by the prevailing Party's actual Damages, and may not, in any event, make any ruling, finding or award that does not conform to the terms and conditions of this Agreement. The times specified in this Section may be extended or shortened upon mutual agreement of the Parties or by the arbitrator upon a showing of good cause. Each Party will bear its own costs of these procedures. The Parties will equally split the fees of the arbitration and the arbitrator. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction.

14. NON-PAYMENT AND PROCEDURES FOR DISCONNECTION

14.1 Failure to pay all or any portion of any amount required to be paid may be grounds for disconnection of Resale Services, Unbundled Network Elements under this Agreement. If a Party fails to pay any charges billed to it under this Agreement, including but not limited to any Late Payment Charges or miscellaneous charges ("Unpaid Charges"), and any portion of such Unpaid Charges remain unpaid after the Bill Due Date, the Billing Party will notify the Non-Paying Party in writing that in order to avoid disruption or disconnection of the Resale Services, Unbundled Network Elements furnished under this Agreement, the Non-Paying Party must remit all Unpaid Charges to the Billing Party within fifteen (15) Calendar Days following receipt of the Billing Party's notice of Unpaid Charges.

14.1.1 AT&T will also provide any written notification to the Public Utilities Commission of Ohio as required by applicable law.

14.2 If the Non-Paying Party desires to dispute any portion of the Unpaid Charges, the Non-Paying Party must complete all of the following actions not later than ten (10) Business Days following receipt of the Billing Party's notice of Unpaid Charges:

14.2.1 notify the Billing Party in writing which portion(s) of the Unpaid Charges it disputes, including the total amount disputed ("Disputed Amounts") and the specific details listed in Section 13.4 of this Agreement, together with the reasons for its dispute; and

14.2.2 pay all undisputed Unpaid Charges to the Billing Party; and

14.3 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provision set forth in Section 13.

14.4 After expiration of the written notice furnished pursuant to Section 14.1 hereof, if CLEC continues to fail to comply with Section 14.2.1 through 14.2.2, inclusive, or make payment(s) in accordance with the terms of any mutually agreed payment arrangement, AT&T may, in addition to exercising any other rights or remedies it may have under Applicable Law, furnish a second written demand to CLEC for payment within ten (10) Calendar Days of any of the obligations enumerated in Section 14.2.1. On the day that AT&T provides such written demand to CLEC, AT&T may also exercise any or all of the following options:

14.4.1 suspend acceptance of any application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and/or

- 14.4.2 suspend completion of any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement.
- 14.5 Notwithstanding anything to the contrary in this Agreement, AT&T's exercise of any of its options under Section 14.4, 14.4.1 and 14.4.2:
- 14.5.1 will not delay or relieve CLEC's obligation to pay all charges on each and every invoice on or before the applicable Bill Due Date, and
- 14.5.2 will exclude any affected application, request, order or service from any otherwise applicable performance interval, Performance Benchmark or Performance Measure.
- 14.6 A copy of the demand provided to CLEC under Section 14.4 will be provided to the Commission.
- 14.7 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section, will be made in writing and will be delivered by certified mail, and sent to the addresses stated in Section 15 and to the following:

To AT&T:

Manager of Collections and Credit
722 N. Broadway, 11th Floor
Milwaukee, WI 53202

To CLEC:

Robert Howley
Senior Director, Regulatory Affairs
Cox Ohio Telcom, L.L.C.
9 JP Murphy Highway
West Warwick, RI 02893

With Copy to:

Beth Carnes
Director, Regulatory Affairs
Cox Communications
1400 Lake Hearn Drive
Atlanta, GA 30319

Either Party may from time-to-time designate another address or addressee by giving notice in accordance with the terms of this Section. Any notice or other communication will be deemed to be given when received.

- 14.8 If the Non-Paying Party fails to pay the Billing Party on or before the date specified in the demand letter provided under Section 14.4 of this Agreement, the Billing Party may, provided that the undisputed amount of the Unpaid Charges exceeds five percent (5%) of the aggregate amount billed by AT&T to CLEC for the immediately preceding month under this Agreement, in addition to exercising any other rights or remedies it may have under Applicable Law:
- 14.8.1 cancel any pending application, request or order for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and
- 14.8.2 disconnect any Resale Services, Unbundled Network Elements and/or Collocation furnished under this Agreement.
- 14.8.2.1 Notwithstanding any inconsistent provisions in this Agreement, disconnection of service by AT&T will comply with Public Utilities Commission of Ohio rules.

- 14.9 Within five (5) calendar days following any such disconnection, AT&T will notify each Resale end user that because of CLEC's failure to pay AT&T, the end user's local service will continue for an additional thirty (30) calendar days and that the end user has thirty (30) calendar days from the disconnection date to select a new Local Service Provider.
- 14.10 If any Resale end user fails to select a new Local Service Provider within thirty (30) calendar days of the disconnection, AT&T may terminate the Resale end user's service.
- 14.11 AT&T will notify the Commission of the names of all Resale end users whose local service was terminated pursuant to Section 14.10.
- 14.12 CLEC shall be responsible for all charges for any service furnished by AT&T to any end user pursuant to Section 14.9 hereof.
- 14.13 Nothing in this Agreement shall be interpreted to obligate AT&T to continue to provide local service to any Resale end user beyond the thirty (30) calendar day selection period. Nothing herein shall be interpreted to limit any and all disconnection rights AT&T has with regard to such Resale end users under Applicable Law.

15. NOTICES

- 15.1 In the event any notices are required to be sent under the terms of this Agreement, they must be made in writing (unless specifically provided otherwise herein) they may be sent by mail, via certified mail or first class U.S. Postal Service, with postage prepaid, and a return receipt requested and are deemed to have been received five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service. Notice may also be given by personal delivery, or by overnight courier, and will be deemed given upon receipt of personal delivery; or by overnight courier and will be deemed given the next Business Day. Notice may also be provided by facsimile, provided a paper copy is also sent by another method described in this Section, which will be deemed given on the date set forth on the confirmation produced by the sending facsimile machine when delivered by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when delivered by facsimile at 5:00 p.m. or later in the recipient's time zone. The Parties will provide the appropriate telephone and facsimile numbers to each other. Unless otherwise specifically provided in this Agreement, notice will be directed as follows:

15.2 If to CLEC:

Robert Howley
Senior Director, Regulatory Affairs
Cox Ohio Telcom, L.L.C.
9 JP Murphy Highway
West Warwick, RI 02893

With Copy to:

Beth Carnes
Director, Regulatory Affairs
Cox Communications
1400 Lake Hearn Drive
Atlanta, GA 30319

15.3 If to AT&T:

Contract Management
ATTN: Notices Manager
Four AT&T Plaza, 9th Floor
311 S. Akard Street
Dallas, TX 75202-5398

Either Party may unilaterally change its designated representative and/or address, telephone contact number or facsimile number for the receipt of notices by giving ten (10) calendar days' prior written notice to the other Party in compliance with this Section. Any notice or other communication will be deemed given when received.

- 15.4 AT&T communicates official information to CLECs via its Accessible Letter notification process. This process covers a variety of subjects, including updates on products/services promotions; deployment of new products/services; modifications and price changes to existing products/services; cancellation or retirement of existing products/services; and operational issues.
- 15.5 AT&T Accessible Letter notification will be via electronic mail ("e-mail") distribution. Accessible Letter notification via e-mail will be deemed given as of the transmission date set forth on the e-mail message.
- 15.6 CLEC may designate up to a maximum of ten (10) recipients for Accessible Letter notification via e-mail.
- 15.7 CLEC shall submit a completed Accessible Letter Recipient Change Request Form to the individual specified on that form to designate in writing each individual's e-mail address to whom CLEC requests Accessible Letter notification be sent. CLEC shall submit a completed Accessible Letter Recipient Change Request Form to add, remove or change recipient information for any CLEC recipient of AT&T's Accessible Letters. Any completed Accessible Letter Recipient Change Request Form shall be deemed effective ten (10) calendar days following receipt by AT&T. AT&T may, at its discretion, change the process by which the CLEC provides Accessible Letter recipient information. Changes to this process will be developed through the CLEC User Forum process and will be implemented only with the concurrence of the CLEC User Forum Global Issues group.
- 15.8 AT&T shall provide a toll free facsimile number to CLEC for the submission of requests for Resale Services and Unbundled Network Elements under this Agreement; CLEC shall provide AT&T with a toll free facsimile number for notices from AT&T relating to requests for Resale Services and Unbundled Network Elements under this Agreement.

16. TAXES

- 16.1 Each Party purchasing Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transfer, transaction or similar taxes, fees, or surcharges (hereinafter "Tax") imposed on, or with respect to, the Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement provided by or to such Party, except for (a) any Tax on either party's corporate existence, status, or income or (b) any corporate franchise Taxes. Whenever possible, these Taxes shall be billed as a separate item on the invoice.
- 16.2 With respect to any purchase of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement if any Tax is required or permitted by applicable law to be collected from the purchasing Party by the providing Party, then: (i) the providing Party shall bill the purchasing Party for such Tax; (ii) the purchasing Party shall remit such Tax to the providing Party; and (iii) the providing Party shall remit such collected Tax to the applicable taxing authority. The following provisions govern the backbilling of Taxes by the providing Party:
 - 16.2.1 Taxes for which the purchasing Party is liable: with respect to Taxes for which the purchasing Party is liable, the providing Party shall use reasonable best efforts to bill the purchasing Party for such Tax simultaneously with the bill for service to which the Tax relates; however, the purchasing Party shall remain responsible for such Tax for the applicable statute of limitations period.
 - 16.2.2 Taxes for which the providing Party is liable: With respect to Taxes for which the providing Party is liable, the providing Party may backbill the purchasing Party for any surcharges based on such Taxes and permitted by Applicable Law, subject to the same time limits that apply to the services to which the Taxes relate.

- 16.2.3 Notwithstanding Section 16.2.2 above, if as a result of a notice of proposed adjustment by a taxing authority, the taxing authority imposes a Tax on the providing party, the providing party may back bill the Tax to the purchasing party for a period, not to exceed four years from the date of the notice of proposed adjustment. In order for the providing party to be permitted to backbill a tax under this Section, the purchasing party must be notified of the audit determination from which the surcharge results, within 30 days of the notice of proposed adjustment but in no event less than ten days before the last day, under applicable law, for the purchasing party to exercise any rights it might have to contest the notice of proposed adjustment.
- 16.3 With respect to any purchase hereunder of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement that are resold to a third party, if any Tax is imposed by applicable law on the end user in connection with any such purchase, then: (i) the purchasing Party shall be required to impose and/or collect such Tax from the end user; and (ii) the purchasing Party shall remit such Tax to the applicable taxing authority. The purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such tax to such authority.
- 16.4 If the providing Party fails to bill or to collect any Tax as required herein, then, as between the providing Party and the purchasing Party: (i) the purchasing Party shall remain liable for such uncollected Tax to the extent provided in Section 16.2 above and all subsections thereunder; and (ii) the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected Tax by such authority. However, if the purchasing Party fails to pay any Taxes properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the Taxes, penalty and interest.
- 16.5 If the purchasing Party fails to impose and/or collect any Tax from end users as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected Tax and any interest and penalty assessed thereon with respect to the uncollected Tax by the applicable taxing authority. With respect to any Tax that the purchasing Party has agreed to pay or impose on and/or collect from end users, the purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.
- 16.6 If either Party is audited by a taxing authority or other governmental entity, the other Party agrees to reasonably cooperate with the Party being audited in order to respond to any audit inquiries in a proper and timely manner so that the audit and/or any resulting controversy may be resolved expeditiously.
- 16.7 To the extent a sale is claimed to be for resale tax exemption, the purchasing Party shall furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation of the jurisdiction providing said resale tax exemption. Failure to timely provide said resale tax exemption certificate will result in no exemption being available to the purchasing Party for any period prior to the date that the purchasing Party presents a valid certificate. If applicable law excludes or exempts a purchase of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement from a Tax, but does not also provide an exemption procedure, then the providing Party will not collect such Tax if the purchasing Party (a) furnishes the providing Party with a letter signed by an officer of the purchasing Party claiming an exemption and identifying the applicable law that both allows such exemption and does not require an exemption certificate; and (b) supplies the providing Party with an indemnification agreement, reasonably acceptable to the providing Party, which holds the providing Party harmless from any tax, interest, penalties, loss, cost or expense with respect to forbearing to collect such Tax.
- 16.8 With respect to any Tax or Tax controversy covered by this Section, the purchasing Party is entitled to contest with the imposing jurisdiction, pursuant to applicable law and at its own expense, any a Tax that it previously billed, or was billed that it is ultimately obligated to pay or collect. The purchasing Party will ensure that no

lien is attached to any asset of the providing Party as a result of any contest. The purchasing Party shall be entitled to the benefit of any refund or recovery of amounts that it had previously paid resulting from such a contest. Amounts previously paid by the providing Party shall be refunded to the providing Party. The providing Party will cooperate in any such contest.

- 16.9 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section shall be sent in accordance with Section 11 hereof.

17. FORCE MAJEURE

Except as otherwise specifically provided in this Agreement, neither Party will be liable for any delay or failure in performance of any part of this Agreement caused by a Force Majeure condition, including acts of the United States of America or any state, territory, or political subdivision thereof, acts of God or a public enemy, fires, floods, labor disputes such as strikes and lockouts, freight embargoes, earthquakes, volcanic actions, wars, civil disturbances, cable cuts, or other causes beyond the reasonable control of the Party claiming excusable delay or other failure to perform. Provided, Force Majeure will not include acts of any Governmental Authority relating to environmental, health, or safety conditions at work locations. If any Force Majeure condition occurs the Party whose performance fails or is delayed because of such Force Majeure conditions will give prompt notice to the other Party, whereupon such Party's obligation or performance shall be suspended to the extent that the Party is affected by such Force Majeure Event. The other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations are hindered by the Force Majeure event. Upon cessation of such Force Majeure condition, the Party whose performance fails or is delayed because of such Force Majeure conditions will give like notice and commence performance hereunder as promptly as reasonably practicable.

18. PUBLICITY

- 18.1 The Parties agree not to use in any advertising or sales promotion, press releases or other publicity matters, any endorsements, direct or indirect quotes or pictures implying endorsement by the other Party or any of its employees without such Party's prior written approval. The Parties will submit to each other for written approval, prior to publication, all such publicity endorsement matters that mention or display the other's name and/or marks or contain language from which a connection to said name and/or marks may be inferred or implied.
- 18.2 Neither Party will offer any services using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of the other Party or its affiliates without the other Party's written authorization.

19. NETWORK MAINTENANCE AND MANAGEMENT

- 19.1 The Parties will work cooperatively to implement this Agreement. The Parties will exchange appropriate information (e.g., maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, etc.) to achieve this desired reliability.
- 19.2 Intentionally Left Blank.
- 19.3 Each Party will provide a 24-hour contact number for Network Traffic Management issues to the other's surveillance management center. A facsimile (FAX) number must also be provided to facilitate event notifications for planned mass calling events. Additionally, both Parties agree that they will work cooperatively to ensure that all such events will attempt to be conducted in such a manner as to avoid disruption or loss of service to other end users. Each party maintains the right to implement basic protective controls such as "Cancel To" or "Call Gap."
- 19.4 Intentionally Left Blank.
- 19.5 Intentionally Left Blank.

19.6 Intentionally Left Blank.

19.7 Intentionally Left Blank.

19.8 Neither Party will use any service provided under this Agreement in a manner that impairs the quality of service to other carriers nor is to either Party subscribers. Either Party will provide the other Party notice of said impairment at the earliest practicable time.

20. LAW ENFORCEMENT AND CIVIL PROCESS

20.1 Intercept Devices

20.1.1 Local and federal law enforcement agencies periodically request information or assistance from local telephone service providers. When either Party receives a request associated with an end user of the other Party, the receiving Party will refer such request to the appropriate Party, unless the request directs the receiving Party to attach a pen register, trap-and-trace or form of intercept on the Party's own facilities, in which case that Party will comply with any valid request, to the extent the receiving party is able to do so; if such compliance requires the assistance of the other Party such assistance will be provided if technically and legally feasible.

20.2 Subpoenas

20.2.1 If a Party receives a subpoena for information concerning an end user the Party knows to be an end user of the other Party, the receiving Party will refer the subpoena to the requesting entity with an indication that the other Party is the responsible company. Provided, however, if the subpoena requests records for a period of time during which the receiving Party was the end user's service provider, the receiving Party will respond to any valid request, to the extent the receiving party is able to do so; if response requires the assistance of the other party such assistance will be provided if technically and legally feasible.

20.3 Law Enforcement Emergencies

20.3.1 If a Party receives a request from a law enforcement agency to implement at its switch a temporary number change, temporary disconnect, or one-way denial of outbound calls for an end user of the other Party, the receiving Party will comply so long as it is a valid emergency request. Neither Party will be held liable for any claims or damages arising from compliance with such requests, and the Party serving the end user agrees to indemnify and hold the other Party harmless against any and all such claims.

21. CHANGES IN SUBSCRIBER CARRIER SELECTION

21.1 Each Party must obtain end user authorization prior to requesting a change in the end users' provider of local exchange service (including ordering end user specific Unbundled Network Elements) and must retain such authorizations pursuant to FCC and state rules. The Party submitting the change request assumes responsibility for applicable charges as specified in Subscriber Carrier Selection Changes at 47 CFR 64.1100 through 64.1170 and any applicable state regulations.

21.2 When an end user authorizes a change in his selection of local service provider or discontinues service, each party shall release the customer specific facilities. AT&T shall be free to connect the end user to any local service provider based upon the local service provider's request and assurance that proper end user authorization has been obtained. Further, when an end user abandons a premise (i.e., vacates a premise without disconnecting service), AT&T is free to reclaim the facilities for use by another customer and is free to issue service orders required to reclaim such facilities per the local service provider's request. When a CLEC resale end user has abandoned a premise (i.e., vacates a premise without disconnecting service, CLEC will cooperate with the new local service provider to confirm that the premise is abandoned by providing a timely response to the new local service provider.

21.3 Neither Party shall be obligated by this Agreement to investigate any allegations of unauthorized changes in local exchange service ("slamming") on behalf of the other Party or a third party other than as required by

federal or state law. At CLEC's written request, AT&T will investigate an alleged incidence of slamming involving CLEC, and only in such CLEC authorized instances shall AT&T charge CLEC; providing such charge shall be a cost-based or mutually agreed fee for providing the investigation.

22. AMENDMENTS OR WAIVERS

- 22.1 Except as otherwise provided in this Agreement, no amendment or waiver of any provision of this Agreement and no consent to any default under this Agreement will be effective unless the same is in writing and signed by an officer of the Party against whom such amendment, waiver or consent is claimed. In addition, no course of dealing or failure of a Party strictly to enforce any term, right or condition of this Agreement will be construed as a waiver of such term, right, or condition.
- 22.2 In order to execute an amendment to this Agreement, a Party shall request such amendment in writing. Such request shall include details regarding the section or sections to be amended and shall include the proposed language changes. Within 30 days from its receipt of the request, the other Party shall accept the proposed amendment in writing or shall deliver written notice to the other party either rejecting the requested amendment in its entirety, or inviting the prompt commencement of good faith negotiations to arrive at mutually acceptable terms. If the non-requesting Party rejects the requested amendment in its entirety, the requesting Party may request the prompt commencement of good faith negotiations to arrive at mutually acceptable terms, but there shall be no obligation on either Party to continue such negotiations longer than a period of 45 days if the Parties cannot arrive at mutually acceptable amendment terms. If mutually acceptable terms are not agreed upon with 45 days after the delivery of the written notice requesting the commencement of negotiations, or if at any time during this period (or a mutually agreed upon extension of this period,) the Parties have ceased to negotiate (other than by mutual agreement) for a period of 10 consecutive days, the amendment shall be resolved in accordance with the Dispute Resolution provisions set forth in Section 13 of this Agreement. Nothing in this Section shall affect the right of either Party to pursue an amendment to this Agreement pursuant to Section 23 (Intervening Law), or Section 252(i) of the Act.

23. INTERVENING LAW

- 23.1 This Agreement is the result of negotiations between the Parties and may incorporate certain provisions that resulted from arbitration by the appropriate state Commission(s). The Parties acknowledge that the respective rights and obligations of each Party as set forth in this Agreement are based on the following, as of October 20, 2004: the Act, the applicable rules, regulations and Orders promulgated under the Act by the FCC, and applicable Ohio statutes, rules, regulations and Commission orders, and judicial decisions by courts of competent jurisdiction interpreting and applying said federal and Ohio statutes, rules, regulations and Orders. In entering into this Agreement and any Amendments to such Agreement and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s) that are issued, rendered, or adopted after October 20, 2004. Additionally, each Party expressly reserves its intervening law rights relating to the following actions: Verizon v. FCC, et al, 535 U.S. 467 (2002); USTA, et. al v. FCC, 290 F.3d 415 (D.C. Cir. 2002); the impairment proceedings that will be heard before the Commission and any pending appeals (and following remand and appeal, USTA v. FCC, 359 F.2d 554 (D.C. Cir. 2004), that relate to, or arise from, the FCC's Triennial Review Order, CC Docket Nos. 01-338, 96-98, and 98-147 (FCC 03-36) (the "TRO"), including, without limitation, the FCC's MDU Reconsideration Order (FCC 04-191) (rel. August 9, 2004) and the FCC's Order on Reconsideration (FCC 04-248) (rel. Oct. 18, 2004), and the FCC's Biennial Review Proceeding which the FCC announced, in its Triennial Review Order, is scheduled to commence in 2004; the FCC's Supplemental Order Clarification (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98; and the FCC's Order on Remand and Report and Order in CC Dockets No. 96-98 and 99-68, 16 FCC Rcd 9151 (2001), (rel. April 27, 2001), which was remanded in WorldCom, Inc. v. FCC, 288 F.3d 429 (D.C. Cir. 2002), and as to the FCC's Notice of Proposed Rulemaking on the topic of Intercarrier Compensation generally, issued In the Matter of Developing a Unified Intercarrier Compensation Regime, in CC Docket 01-92 (Order No. 01-132), on April 27, 2001 and

the FCC's Order *In the Matter of Petition of Core Communications, Inc. for Forbearance Under 47 U.S.C. §160(c) from Application of the ISP Remand Order*, WC Docket No. 03-171 (Order No. FCC 04-241) (rel. October 18, 2004) (collectively "Government Actions"). Except to the extent that AT&T has adopted the FCC ISP terminating compensation plan ("FCC Plan") in an AT&T state in which this Agreement is effective, and the Parties have incorporated rates, terms and conditions associated with the FCC Plan into this Agreement, these rights also include but are not limited to AT&T's right to exercise its option at any time to adopt on a date specified by AT&T the FCC Plan, after which date ISP-bound traffic will be subject to the FCC Plan's prescribed terminating compensation rates, and other terms and conditions, and seek conforming modifications to this Agreement. For purposes of this Agreement, "Change in Law" shall be defined as any legally binding judicial decision by a court of competent jurisdiction, amendment of the Act or applicable Ohio statute, or legislative, federal or state regulatory action, rule, regulation or other legal action that is issued, rendered or adopted after October 20, 2004 and that (i) materially revises, reverses, modifies or clarifies the meaning of the Act, an applicable Ohio statute or any of said rules, regulations, Orders, or judicial decisions, (ii) invalidates, modifies, or stays the enforcement of laws or regulations that were the basis or rationales for any rate(s), terms(s) and/or condition(s) of the Agreement, (iii) and/or otherwise affects the rights or obligations of either Party that are addressed by this Agreement specifically including but not limited to those arising with respect to the Government Actions. For purposes of this section, "legally binding" means that the relevant legal action has not been stayed, no request for a stay is pending and if any deadline for requesting a stay is designated by statute or regulation, such deadline has passed. If either Party believes that a Change in Law within the meaning of this section has occurred, that Party may request renegotiation by written notice to the other Party. The Parties shall thereafter renegotiate the affected provisions in this Agreement in good faith and amend this Agreement to reflect such Change in Law. For avoidance of any doubt, this section shall also apply to situations where this Agreement defines the rights or obligations of either Party solely by reference to Applicable Law or similar reference. In the event that any renegotiation under this Section 23.0 is not concluded within sixty ninety (90) days after one Party gives the other notice that it demands renegotiation pursuant to this provision, or if at any time during such ninety (90) days period the Parties shall have ceased to negotiate such terms for a continuous period of fifteen (15) business days or if the non-requesting Party refuses to engage in such renegotiation on the ground that there has been no Change in Law sufficient to require renegotiation under this Section, the dispute shall be resolved as provided in Section 13 of this Agreement. During the negotiation or arbitration of any such Change in Law, the Parties shall remain obligated to perform under the terms set forth in this Agreement.

- 23.2 The Parties further acknowledge and agree that by executing this Agreement, neither Party waives any of its rights to participate in any proceedings regarding the proper interpretation and/or application of the Act, applicable rules and regulations nor does it waive any rights, remedies, or arguments with respect to any provisions of this Agreement or any rules, regulations, Orders or laws upon which it is based, including its right to seek legal review or a stay pending appeal.

24. AUTHORITY

- 24.1 AT&T represents and warrants that it is a corporation or limited partnership duly organized, validly existing and in good standing under the laws of its state of incorporation or formation. AT&T represents and warrants that AT&T Operations, Inc. has full power and authority to execute and deliver this Agreement as agent for AT&T. AT&T represents and warrants that it has full power and authority to perform its obligations hereunder.
- 24.2 CLEC represents and warrants that it is a corporation duly organized, validly existing and in good standing under the laws of its state of incorporation or formation and has full power and authority to execute and deliver this Agreement and to perform its obligations hereunder. CLEC represents and warrants that it has been or will be certified as a LEC by the Commission(s) prior to submitting any orders hereunder and is or will be authorized to provide the Telecommunications Services contemplated hereunder in the territory contemplated hereunder prior to submission of orders for such Service.
- 24.3 Each person whose signature appears below represents and warrants that he or she has authority to bind the Party on whose behalf he or she has executed this Agreement.

25. BINDING EFFECT

- 25.1 This Agreement will be binding on and inure to the benefit of the respective successors and permitted assigns of the Parties.

26. CONSENT

- 26.1 Where consent, approval, or mutual agreement is required of a Party, it will not be unreasonably withheld or delayed.

27. EXPENSES

- 27.1 Except as specifically set out in this Agreement, each Party will be solely responsible for its own expenses involved in all activities related to the subject of this Agreement.

28. HEADINGS

- 28.1 The headings in this Agreement are inserted for convenience and identification only and will not be considered in the interpretation of this Agreement.

29. RELATIONSHIP OF PARTIES

- 29.1 This Agreement will not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture. Neither Party will have any authority to bind the other or to act as an agent for the other unless written authority, separate from this Agreement, is provided. Nothing in the Agreement will be construed as providing for the sharing of profits or losses arising out of the efforts of either or both of the Parties. Nothing herein will be construed as making either Party responsible or liable for the obligations and undertakings of the other Party.

30. CONFLICT OF INTEREST

- 30.1 The Parties represent that no employee or agent of either Party has been or will be employed, retained, paid a fee, or otherwise received or will receive any personal compensation or consideration from the other Party, or any of the other Party's employees or agents in connection with the arranging or negotiation of this Agreement or associated documents.

31. MULTIPLE COUNTERPARTS

- 31.1 This Agreement may be executed in multiple counterparts, each of which will be deemed an original but all of which will together constitute but one, and the same document.

32. THIRD PARTY BENEFICIARIES

- 32.1 Except as may be specifically set forth in this agreement, this Agreement does not provide and will not be construed to provide third parties with any remedy, Claim, liability, reimbursement, cause of action, or other privilege.

33. REGULATORY APPROVAL

- 33.1 Each Party agrees to cooperate with the other and with any regulatory agency to obtain regulatory approval. During the term of this Agreement, each Party agrees to continue to cooperate with each other and any regulatory agency so that the benefits of this Agreement may be achieved.

34. TRADEMARKS AND TRADE NAMES

- 34.1 Except as specifically set out in this Agreement, nothing in this Agreement will grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, or trade names of the other for any

purpose whatsoever, absent written consent of the other Party. Nothing in this Agreement shall be construed as preventing either Party from publicly stating that it has executed this Agreement with the other Party.

35. REGULATORY AUTHORITY

- 35.1 AT&T will be responsible for obtaining and keeping in effect all Federal Communications Commission, state regulatory commission, franchise authority and other regulatory approvals that may be required in connection with the performance of its obligations under this Agreement. CLEC will be responsible for obtaining and keeping in effect all Federal Communications Commission, state regulatory commission, franchise authority and other regulatory approvals that may be required in connection with its offering of services to CLEC end users contemplated by this Agreement.
- 35.2 AT&T will provide CLEC with direct notice of any tariff or filing which concerns the subject matter of this Agreement in the same manner and for the same term as set forth in Section 15.4 for the subjects listed therein.

36. COMMISSION INTERPRETATION OF SAME OR SUBSTANTIVELY SIMILAR LANGUAGE

- 36.1 Any ruling by the Commission interpreting the same or substantively similar language in another Interconnection Agreement is applicable to the same or substantively similar language in this Agreement.

37. TARIFF REFERENCES

- 37.1 To the extent a tariff provision or rate is incorporated or otherwise applies between the Parties due to the provisions of this Agreement, it is understood that any changes to said tariff provision or rate are also automatically incorporated herein or otherwise hereunder, effective hereunder on the date any such change is effective.
- 37.2 Wherever the term "Customer" is used in connection with AT&T's retail tariffs, the term "Customer" means the ultimate "consumer" or the end user of any tariffed service.

38. VERIFICATION REVIEWS

- 38.1 Subject to each Party's reasonable security requirements and except as may be otherwise specifically provided in this Agreement, either Billed (auditing) Party may audit the Billing Party's books, records and other documents once in each Contract Year for the purpose of evaluating the accuracy of the Billing (audited) Party's billing and invoicing. The Billing Party may audit the Billed Party's books, records and other documents once in each Contract Year for verification of the accuracy of information that the Billing (auditing) Party is entitled, under this Agreement, to rely on in billing and invoicing for services provided to the Billed (audited) Party hereunder. The Parties may employ other persons or firms for this purpose. Such audit will take place at a time and place agreed on by the Parties no later than thirty (30) days after notice thereof.
- 38.2 The Billing Party will promptly correct any billing error that is revealed in an audit, including making refund of any overpayment by the Billed Party in the form of a credit on the invoice for the first full billing cycle after the Parties have agreed upon the accuracy of the audit results. The credit shall include interest on the overpayment, which interest shall be computed in accordance with Section 9.2.1 of this Agreement. Any disputes concerning audit results will be resolved pursuant to the Dispute Resolution procedures described in Section 13 of this Agreement.
- 38.3 Each Party will cooperate fully in any audit performed pursuant to Section 38.1, providing reasonable access to any and all appropriate employees and books, records and other documents reasonably necessary to assess the accuracy of the Billing Party's bills. The audit will be conducted during normal business hours at an office designated by the Party being audited. The Parties agree to retain records of call detail for two years from when the calls were initially reported to the other Party.
- 38.4 Either Party may audit the other Party's books, records and documents more than once during any Contract Year if the audit pursuant to Section 38.1 found previously uncorrected net variances or errors in invoices in

the other Party's favor with an aggregate value of at least two percent (2%) of the amounts payable by the Billed Party for Resale services, Network Elements, Combinations or usage based charges provided during the period covered by the audit.

38.5 Except as may be otherwise provided in this Agreement, audits will be at the auditing Party's expense.

38.6 Intentionally Left Blank

38.7 Information obtained or received by either Party in connection with Sections 38.1 through 38.6 will be subject to the confidentiality provisions of Section 6 of this Agreement.

39. COMPLETE TERMS

39.1 This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof and supersedes any prior agreements, representations, statements, negotiations, understandings, proposals or undertakings, oral or written, with respect to the subject matter expressly set forth herein.

39.2 Neither Party will be bound by an amendment, modification or additional term unless it is reduced to writing signed by an authorized representative of the party sought to be bound. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the Commission.

40. COOPERATION ON PREVENTING END USER FRAUD

40.1 Each Party shall be liable for any fraud associated with that Party's end user's account, including 1+ IntraLATA toll, ported numbers, and Alternate Billing Service (ABS). ABS is a service that allows end users to bill calls to account(s) that might not be associated with the originating line. There are three types of ABS calls: Calling card, collect, and third number billed calls.

40.2 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud. The Parties' fraud minimization procedures are to be cost-effective and implemented so as not to unduly burden or harm one Party as compared to the other.

40.3 In cases of suspected fraudulent activity by an end user, at a minimum, the cooperation referenced in the above paragraph will include providing to the other Party, upon request, information concerning end users who terminate services to that Party without paying all outstanding charges. The Party seeking such information is responsible for securing the end user's permission to obtain such information.

41. NOTICE OF NETWORK CHANGES

41.1 AT&T agrees to provide CLEC reasonable notice consistent with applicable rules, of changes in the information necessary for the transmission and routing of services using AT&T's facilities or networks, as well as other changes that affect the interoperability of those respective facilities and networks. This Agreement is not intended to limit AT&T's ability to upgrade its network through the incorporation of new equipment, new software or otherwise.

41.2 Intentionally Left Blank.

41.3 General Change Management

41.3.1 The Parties will comply with the Change Management Process found within the OSS appendix to this ICA.

42. GOOD FAITH PERFORMANCE

42.1 In the performance of their obligations under this Agreement the Parties will act in good faith and consistently with the intent of the Act. Where notice, approval or similar action by a Party is permitted or required by any provision of this Agreement, (including, without limitation, the obligation of the Parties to further negotiate the resolution of new or open issues under this Agreement) such action will not be unreasonably delayed, withheld or conditioned.

43. RESPONSIBILITY OF EACH PARTY

- 43.1 Each Party is an independent contractor, and has and hereby retains the right to exercise full control of and supervision over its own performance of its obligations under this Agreement and retains full control over the employment, direction, compensation and discharge of its employees assisting in the performance of such obligations. Each Party will be solely responsible for all matters relating to payment of such employees, including compliance with social security taxes, withholding taxes and all other regulations governing such matters. Each Party will be solely responsible for proper handling, storage, transport and disposal at its own expense of all (i) substances or materials that it or its contractors or agents bring to, create or assume control over at work locations or, (ii) waste resulting therefrom or otherwise generated in connection with its or its contractors' or agents' activities at the work locations. Subject to the limitations on liability and except as otherwise provided in this Agreement, each Party will be responsible for (i) its own acts and performance of all obligations imposed by applicable law in connection with its activities, legal status and property, real or personal and, (ii) the acts of its own affiliates, employees, agents and contractors during the performance of the Party's obligations hereunder.

44. TRANSMISSION OF TRAFFIC TO THIRD PARTIES

- 44.1 Intentionally Left Blank.

45. GOVERNMENTAL COMPLIANCE

- 45.1 CLEC and AT&T each will comply at its own expense with all applicable law related to i) its obligations under or activities in connection with this Agreement; or ii) its activities undertaken at, in connection with or relating to work locations. CLEC and AT&T each agree to indemnify, defend, (at the other party's request) and save harmless the other, each of its officers, directors and employees from and against any Losses, Damages, Claims, demands, suits, liabilities, fines, penalties, and expenses (including reasonable attorneys' fees) that arise out of or result from i) its failure or the failure of its contractors or agents to so comply or ii) any activity, duty or status of it or its contractors or agents that triggers any legal obligation to investigate or remediate environmental contamination. AT&T, at its own expense, will be solely responsible for obtaining from governmental authorities, building owners, other carriers, and any other persons or entities, all rights and privileges (including, but not limited to, space and power), which are necessary for AT&T to provide the network elements and Resale services pursuant to this Agreement.

46. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

- 46.1 Disclosure of Potential Hazards: When and if CLEC notifies AT&T that CLEC intends to enter or perform work pursuant to this Agreement in, on, or within the vicinity of any particular AT&T building, manhole, pole, duct, conduit, right-of-way, or other facility (hereinafter "work location"), AT&T shall timely notify CLEC of any Environmental Hazard at that Work Location of which AT&T has actual knowledge, except that this duty shall not apply to any Environmental Hazard (i) of which CLEC already has actual knowledge or (ii) was caused solely by CLEC or (iii) would be obvious and apparent to anyone coming to the work location. For purposes of this Agreement, "Environmental Hazard" shall mean (i) the presence of petroleum vapors or other gases in hazardous concentrations in a manhole or other confined space, or conditions reasonably likely to give rise to such concentrations; (ii) the presence of electrical cable in a conduit system; (iii) asbestos-containing materials; (iv) emergency exit routes and warning systems, if and to the extent owned or operated by AT&T; and (v) any potential hazard that would not be obvious to an individual entering the work location or detectable using work practices standard in the industry.
- 46.2 Evaluation of Potential Hazards: Without limiting the foregoing, after providing prior notice to AT&T, CLEC shall have the right to inspect, test, or monitor any work location for possible Environmental Hazards as necessary or appropriate to comply with law or to protect its employees, contractors or others from the possible effects of Environmental Hazards. CLEC shall be responsible for conducting such inspections, testing or monitoring in a way that does not unreasonably interfere with AT&T's business operations after

consultation with AT&T, and shall return AT&T's property to substantially the same condition as it would have been without such inspections, testing or monitoring.

- 46.3 Managing Disturbed Materials and Media: If and to the extent that CLEC's activity at any work location involves the excavation, extraction, or removal of asbestos or other manmade materials or contaminated soil, groundwater, or other environmental media, then CLEC rather than AT&T shall be responsible in the first instance for the subsequent treatment, disposal, or other management of such materials and media.

46.4 Indemnification:

- 46.4.1 Each Party shall indemnify, on request defend, and hold harmless the other Party and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with the violation or breach, by any employee of the indemnifying Party or other person acting on the indemnifying Party's behalf, of this Section 46 or any federal, state, or local environmental statute, rule, regulation, ordinance, or other Applicable Law or provision of this Agreement dealing with hazardous substances or protection of human health or the environment.
- 46.4.2 CLEC shall indemnify, on request defend, and hold harmless AT&T and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with (i) the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of CLEC, or by any person acting on CLEC's behalf, while at a work location or (ii) the removal or disposal of any hazardous substances by any employee of CLEC or by any person acting on CLEC's behalf, or the subsequent storage, processing or other handling of such hazardous substances by any person or entity, after such substances have thus been removed from a work location or (iii) any environmental contamination or Environmental Hazard or release of a hazardous substance caused or created by CLEC or its contractors or agents.
- 46.4.3 AT&T shall indemnify, on request defend, and hold harmless CLEC and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), asserted by any government agency or other third party on account of or in connection with any injury, loss or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with (i) the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of AT&T or by any person acting on AT&T's behalf, at a work location or (ii) the removal or disposal of any hazardous substances by any employee of AT&T or by any person acting on AT&T's behalf, or the subsequent storage, processing or other handling of such hazardous substances by any person or entity, after such substances have thus been removed from a work location or (iii) any environmental contamination or Environmental Hazard or release of a hazardous substance either (x) existing or occurring at any Work Location on or before the date of this agreement or (y) caused or created by AT&T or its contractors or agents.

47. SUBCONTRACTING

- 47.1 If any obligation is performed through a subcontractor, each Party will remain fully responsible for the performance of this Agreement in accordance with its terms, including any obligations either Party performs through subcontractors, and each Party will be solely responsible for payments due the Party's subcontractors. No contract, subcontract or other Agreement entered into by either Party with any third party in connection with the provision of Resale services or network elements hereunder will provide for any indemnity, guarantee or assumption of liability by, or other obligation of, the other Party to this Agreement with respect to such arrangement, except as consented to in writing by the other Party. No subcontractor will be deemed a third party beneficiary for any purposes under this Agreement. Any subcontractor who gains

access to CPNI or confidential information covered by this Agreement will be required by the subcontracting Party to protect such CPNI or confidential information to the same extent the subcontracting Party is required to protect the same under the terms of this Agreement.

48. REFERENCED DOCUMENTS

48.1 Whenever any provision of this Agreement refers to a technical reference, technical publication, CLEC Practice, AT&T Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement, it will be deemed to be a reference to the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document that is in effect, and will include the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document incorporated by reference in such a technical reference, technical publication, CLEC Practice, AT&T Practice, or publication of industry standards.

49. SEVERABILITY

49.1 If any term, condition or provision of this Agreement is held to be invalid or unenforceable for any reason, such invalidity or unenforceability will not invalidate the entire Agreement, unless such construction would be unreasonable. The Agreement will be construed as if it did not contain the invalid or unenforceable provision or provisions, and the rights and obligations of each Party will be construed and enforced accordingly; provided, however, that in the event such invalid or unenforceable provision or provisions are essential elements of this Agreement and substantially impair the rights or obligations of either Party, the Parties will promptly negotiate a replacement provision or provisions. If impasse is reached, the Parties will resolve said impasse under the dispute resolution procedures set forth in Section 13.

50. SURVIVAL OF OBLIGATIONS

50.1 Any liabilities or obligations of a Party for acts or omissions prior to the cancellation or termination of this Agreement, any obligation of a Party under the provisions regarding indemnification, Confidential Information, limitations on liability, and any other provisions of this Agreement which, by their terms, are contemplated to survive (or to be performed after) termination of this Agreement, will survive cancellation or termination thereof.

51. GOVERNING LAW

51.1 The validity of this Agreement, the construction and enforcement of its terms, and the interpretation of the rights and duties of the Parties will be governed by the laws of the State of Ohio other than as to conflicts of laws, except insofar as federal law may control any aspect of this Agreement, in which case federal law will govern such aspect. The Parties submit to personal jurisdiction in Columbus, Ohio and waive any and all objections to an Ohio venue.

52. PERFORMANCE MEASUREMENTS

52.1 Specific provisions governing Performance Measures are contained in Attachment 17.

53. OTHER OBLIGATIONS

53.1 Intentionally Left Blank.

54. INTENTIONALLY LEFT BLANK

55. DIALING PARITY; NUMBER PORTABILITY

55.1 AT&T will ensure that all CLEC customers experience the same dialing parity as similarly-situated customers of AT&T services, such that, for all call types: (i) a CLEC customer is not required to dial any greater number

of digits than a similarly-situated AT&T customer; (ii) the post-dial delay (time elapsed between the last digit dialed and the first network response), call completion rate and transmission quality experienced by a CLEC customer is at least equal in quality to that experienced by a similarly-situated AT&T customer; and (iii) the CLEC customer may retain its local telephone number. AT&T further agrees to provide Number Portability in accordance with the requirements of the Act. Specific requirements concerning Interim Number Portability are set forth in Attachment 14: Permanent Number Portability.

56. BRANDING

- 56.1 Specific provisions concerning the branding of services provided to CLEC by AT&T under this Agreement are contained in the following Attachments and Appendices to this Agreement: Attachment 1: Resale; Appendix OS-Resale; Appendix DA-Resale; Attachment 2: Ordering & Provisioning-Resale; Attachment 3: Maintenance-Resale; Attachment 7: Ordering & Provisioning-Unbundled Network Elements; Attachment 8: Maintenance-Unbundled Network Elements, and 23: OS-Facilities Based, UNE.

57. END USER CUSTOMER INQUIRIES

Each Party will use its best efforts to ensure that all of its representatives who receive inquiries regarding the other Party's services: (i) refer repair inquiries to the other Party at a telephone number provided by that Party; (ii) for other inquiries about the other Party's services or products, refer callers to telephone number(s) provided by that Party; and (iii) do not in any way disparage or discriminate against the other Party or its products or services.

58. DISCLAIMER OF WARRANTIES

- 58.1 EXCEPT AS EXPRESSLY PROVIDED UNDER THIS AGREEMENT, NO PARTY MAKES OR RECEIVES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE INTERCONNECTION, RESALE SERVICES, UNBUNDLED, FUNCTIONS, FACILITIES, PRODUCTS AND SERVICES IT PROVIDES UNDER OR IS CONTEMPLATED TO PROVIDE UNDER THIS AGREEMENT AND EACH PARTY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, NO PARTY TO THIS AGREEMENT ASSUMES RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF DATA OR INFORMATION SUPPLIED BY ANY OTHER PARTY TO THIS AGREEMENT WHEN SUCH DATA OR INFORMATION IS ACCESSED AND USED BY A THIRD PARTY.

59. NO WAIVER

- 59.1 Except as otherwise provided in this Agreement, no amendment or waiver of any provision of this Agreement and no consent to any default under this Agreement will be effective unless the same is in writing and duly executed on behalf of the Party against whom the waiver or consent is claimed. Waiver by either Party of any default by the other Party shall not be deemed a waiver of any other default. In addition, no course of dealing or failure of a Party strictly to enforce any term, right or condition of this Agreement will be construed as a waiver of such term, right, or condition. By entering into this Agreement neither Party waives any rights granted to them pursuant to the Act.

60. DEFINITIONS

- 60.1 For purposes of this Agreement, certain terms have been defined in this Agreement to encompass meanings that may differ from, or be in addition to, the normal connotation of the defined word. Unless the context clearly indicates otherwise, any term defined or used in the singular will include the plural. Whenever the context may require, any pronoun shall include the corresponding masculine, feminine and neuter forms. The words "include," "includes" and "including" shall be deemed to be followed by the phrase "without limitation" and/or "but not limited to". The words "will" and "shall" are used interchangeably throughout this Agreement and the use of either connotes a mandatory requirement. The use of one or the other will not mean a different degree of right or obligation for either Party. A defined word intended to convey its special meaning is capitalized when used and its definition can be found in the Definitions Appendix.

61. RESALE

- 61.1 At the request of CLEC, and pursuant to the requirements of the Act, any telecommunications service that AT&T currently provides or hereafter offers to any end user in the geographic area where AT&T is the incumbent LEC will be made available to CLEC by AT&T for Resale in accordance with the terms, conditions and prices set forth in this Agreement. Specific provisions concerning Resale are addressed in Attachment 1: Resale, and other applicable Attachments.

62. UNBUNDLED NETWORK ELEMENTS

- 62.1 At the request of CLEC and pursuant to the requirements of the Act, AT&T will offer in the geographic area where AT&T is the incumbent LEC, Unbundled Network Elements to CLEC on an unbundled basis on rates, terms and conditions set forth in this Agreement that are just, reasonable, and non-discriminatory. Specific provisions concerning Unbundled Network Elements are addressed in Attachment 6: Unbundled Network Elements, and other applicable Attachments.

63. ORDERING AND PROVISIONING, MAINTENANCE, CONNECTIVITY BILLING AND RECORDING, AND PROVISION OF CUSTOMER USAGE DATA

- 63.1 In connection with its Resale of services to CLEC, AT&T agrees to provide to CLEC Ordering and Provisioning Services, Maintenance services, Connectivity Billing and Provision of Customer Usage Data services pursuant to the terms specified in Attachments 2, 3, 4 and 5 respectively.
- 63.2 In connection with its furnishing Unbundled Networks Elements to CLEC, AT&T agrees to provide to CLEC Ordering and Provisioning Services, Maintenance services, Connectivity Billing and Recording services pursuant to the terms specified in Attachments 7 and 8 respectively.

64. NETWORK INTERCONNECTION ARCHITECTURE

- 64.1 Where the Parties interconnect their networks, for purposes of exchanging traffic between their networks, the Parties agree to utilize the interconnection methods specified in Attachment 11: Network Interconnection Architecture. AT&T expressly recognizes that this provision and said Attachment are in no way intended to impair in any way CLEC's right to interconnect with Unbundled Network Elements furnished by AT&T at any technically feasible point within AT&T's network, as provided in the Act.

65. COMPENSATION FOR DELIVERY OF TRAFFIC

- 65.1 The Parties agree to compensate each other for the transport and termination of traffic as provided in Attachment 12: Inter-carrier Compensation.

66. ANCILLARY FUNCTIONS

Ancillary Functions may include, but are not limited to, Collocation, Rights-of-Way, Conduit and Pole Attachments. AT&T agrees to provide Ancillary Functions to CLEC as set forth in Attachment 13: Ancillary Functions.

67. INTENTIONALLY LEFT BLANK**68. INTENTIONALLY LEFT BLANK****69. INTENTIONALLY LEFT BLANK****70. SCOPE OF AGREEMENT**

- 70.1 Except as agreed upon in writing, neither Party shall be required to provide the other Party a function, facility, product, service or arrangement described in the Act that is not expressly provided herein.

71. OTHER REQUIREMENTS AND ATTACHMENTS

71.1 This Agreement incorporates a number of listed Attachments which, together with their associated Appendices, Exhibits, and Addenda, constitute the entire Agreement between the Parties. In order to facilitate use and comprehension of the Agreement, the Attachments have been grouped under the following broad headings: Resale; Unbundled Network Elements; Network Interconnection Architecture; Ancillary Functions; and Other Requirements. It is understood that these groupings are for convenience of reference only, and are not intended to limit the applicability which any particular Attachment may otherwise have.

71.2 Appended to this Agreement and incorporated herein are the Attachments listed below. To the extent that any definitions, terms or conditions in any given Attachment differ from those contained in the main body of this Agreement, those definitions, terms or conditions will supersede those contained in the main body of this Agreement, but only in regard to the services or activities listed in that particular Attachment. In particular, if an Attachment contains a term length that differs from the term length in the main body of this Agreement, the term length of that Attachment will control the length of time that services or activities are to occur under the Attachment, but will not affect the term length of the remainder of this Agreement, except as may be necessary to interpret the Attachment.

72. INTENTIONALLY LEFT BLANK

Cox Ohio Telcom, L.L.C.

Signature: Jennifer Hightower

Name: Jennifer Hightower
(Print or Type)

Title: V.P., Regulatory Affairs
(Print or Type)

Date: 8/19/10

The Ohio Bell Telephone Company d/b/a AT&T Ohio By
AT&T Operations, Inc., Its authorized agent

Signature: Eddie A. Reed, Jr.

Name: Eddie A. Reed, Jr.
(Print or Type)

Title: Director-Interconnection Agreements

Date: 8-23-10

	<u>Resale</u>	<u>CLEC</u>
	<u>OCN</u>	<u>OCN</u>
Ohio	7987	385D

ACNA cji

APPENDIX DEFINITIONS TO THE GENERAL TERMS AND CONDITIONS – OHIO

1. DEFINITIONS

Capitalized Terms used in this Agreement shall have the respective meanings specified below, in Section 1 of each Appendix/Attachment attached hereto, and/or as defined elsewhere in this Agreement.

1.1 General Definitions

- 1.1.1 “Act” means the Communications Act of 1934 [47 U.S.C. 153], as amended by the Telecommunications Act of 1996, Public Law 104-104, 110 Stat. 56 (1996) codified throughout 47 U.S.C.
- 1.1.2 “Access Compensation” is the compensation paid by one Party to the other Party for the origination/termination of intraLATA toll calls to/from its End User. Access compensation is in accordance with the LEC’s tariffed access rates.
- 1.1.3 “Access Service Request” (ASR) is an industry standard form used by the Parties to add, establish, change or disconnect trunks for the purposes of Interconnection.
- 1.1.4 “Access Tandem Switch” is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for IXC-carried traffic.
- 1.1.5 “Accessible Letters” are correspondence used to communicate pertinent information regarding AT&T to the client community.
- 1.1.6 “Account Owner” means a telecommunications company, including AT&T, that stores and/or administers Line Record Information and/or Group Record Information in a Party’s LIDB and/or Calling Name Database.
- 1.1.7 “Advanced Services” means intrastate or interstate wireline Telecommunications Services, such as ADSL, IDSL, xDSL, Frame Relay, Cell Relay and VPOP-Dial Access Service (an AT&T Frame Relay-based service) that rely on packetized technology and have the capability of supporting transmissions speeds of at least 56 kilobits per second in both directions. This definition of Advanced Services does not include:
 - 1.1.7.1 Data services that are not primarily based on packetized technology, such as ISDN,
 - 1.1.7.2 x.25-based and x.75-based packet technologies, or
 - 1.1.7.3 Circuit switched services (such as circuit switched voice grade service) regardless of the technology, protocols or speeds used for the transmission of such services.
- 1.1.8 “Affiliate” is as defined in the Act.
- 1.1.9 “Alternate Billing Service” (ABS) means a service that allows End Users to bill calls to accounts that may not be associated with the originating line. There are three types of ABS calls: calling card, collect and third number billed calls.
- 1.1.10 “Applicable Law” means all laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders, permits, tariffs and approvals, including those relating to the environment or health and safety, of any Governmental Authority that apply to the Parties or the subject matter of this Agreement.
- 1.1.11 “As Defined in the Act” means as specifically defined by the Act.
- 1.1.12 “As Described in the Act” means as described in or required by the Act.
- 1.1.13 “AT&T Inc.” means the holding company which directly or indirectly owns the following ILECs: BellSouth Telecommunications, Inc. d/b/a AT&T Alabama, AT&T Florida, AT&T Georgia, AT&T Kentucky, AT&T Louisiana, AT&T Mississippi, AT&T North Carolina, AT&T South

Carolina, and AT&T Tennessee; Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

- 1.1.14 "AT&T OHIO" - As used herein, AT&T Ohio means The Ohio Bell Telephone Company d/b/a AT&T Ohio ("AT&T"), the applicable AT&T Inc.-owned ILEC doing business in OHIO.
- 1.1.15 "Automated Message Accounting" (AMA) is a structure inherent in switch technology that initially records Telecommunication message information. AMA format is contained in the Automated Message Accounting document published by Telcordia (formerly known as Bellcore) as GR-1100-CORE, which defines and amends the industry standard for message recording.
- 1.1.16 "Billed Number Screening" (BNS) means a validation of toll billing exception (TBE) data and performance of public telephone checks; i.e., determining if a billed line is a public (including those classified as semi-public) telephone number.
- 1.1.17 "Bona Fide Request" (BFR) is the process described in the applicable Attachment Unbundled Network Elements.
- 1.1.18 "Business Day" means Monday through Friday, excluding holidays on which the applicable AT&T Inc.-owned ILEC does not provision new retail services and products.
- 1.1.19 "Busy Line Verification" (BLV) means a service whereby an End User requests an operator to confirm the busy status of a line.
- 1.1.20 "CABS" means the Carrier Access Billing System.
- 1.1.21 "Calling Card Service" means a service that enables a calling End User to bill a telephone call to a calling card number with or without the help of an operator.
- 1.1.22 Intentionally Left Blank.
- 1.1.23 "Calling Name Delivery Service" (CNDS) means a service that enables a terminating End User to identify the calling party by a displayed name before a call is answered. The calling party's name is retrieved from a Calling Name Database and delivered to the End User's premise between the first and second ring for display on compatible End User premises equipment.
- 1.1.24 "Calling Name Information" means a Telecommunications Carrier's records of its End Users names associated with one or more assigned ten-digit telephone numbers.
- 1.1.25 "Calling Number Delivery" means a feature that enables an End User to view the directory number of the calling party on a display unit.
- 1.1.26 "Calling Party Number" (CPN) means a Signaling System 7 "SS7" parameter whereby the ten (10) digit number of the calling Party is forwarded from the End Office.
- 1.1.27 "Central Automatic Message Accounting (CAMA) Trunk" means a trunk that uses Multi-Frequency (MF) signaling to transmit calls from CLEC's switch to an AT&T E911 Selective Router.
- 1.1.28 "Centralized Message Distribution System" (CMDS) means the transport system that LECs use to exchange outcollect and Carrier Access Billing System "CABS" access messages among each other and other Parties connected to CMDS.

- 1.1.29 “Central office switch” (Central Office) is a switching entity within the public switched telecommunications network, including but not limited to:
- 1.1.29.1 “End Office Switch” or “End Office” is a switching machine that directly terminates traffic to and receives traffic from end users purchasing local exchange services. An End Office Switch does not include a PBX.
- 1.1.29.2 “Tandem Office Switch” or “Tandem(s)” are used to connect and switch trunk circuits between and among other Central Office Switches. A Tandem Switch does not include a PBX.
- 1.1.30 “Charge Number” is a CCS signaling parameter that refers to the number transmitted through the network identifying the billing number of the calling party.
- 1.1.31 “Claim” means any pending or threatened claim, action, proceeding or suit.
- 1.1.32 “CNAM Query” means a Query that allows CLEC to query a Calling Name Database for Calling Name Information in order to deliver that information to CLEC’s local CNDS subscribers.
- 1.1.33 “CNAM Query Rate” means a rate that applies to each CNAM Query received at the SCP where the Calling Name Database resides.
- 1.1.34 “Collocation” is an arrangement where a CLEC leases space at an AT&T premises for the placement of equipment necessary for interconnection or access to AT&T UNEs.
- 1.1.35 “Commercial Mobile Radio Services” (CMRS) means Commercial Mobile Radio Service, As Defined in the Act and FCC rules.
- 1.1.36 “Commission” means the applicable State agency with regulatory authority over Telecommunications. Unless the context otherwise requires, use of the term “Commissions” means the Public Utilities Commission of Ohio.
- 1.1.37 “Common Channel Signaling” (CCS) means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. It is a special network, fully separate from the transmission path of the public switched network. Unless otherwise agreed by the Parties, the CCS protocol used by the Parties shall be SS7.
- 1.1.38 “Common Language Location Identifier” (CLLI) codes provide a unique 11-character representation of a network interconnection point. The first 8 characters identify the city, state and building location, while the last 3 characters identify the network component.
- 1.1.39 “Consequential Damages” means Losses claimed to have resulted from any indirect, incidental, reliance, special, consequential, punitive, exemplary, multiple or any other Loss, including damages claimed to have resulted from harm to business, loss of anticipated revenues, savings, or profits, or other economic Loss claimed to have been suffered not measured by the prevailing Party’s actual damages, and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions.
- 1.1.40 “Customer Usage Data” means the Telecommunications Services usage data of a CLEC End User measured in minutes, sub-minute increments, message units, or otherwise, that is recorded by AT&T and forwarded to CLEC.
- 1.1.41 “Custom Local Area Signaling Service Features” (CLASS) means certain call-management service features that are currently available from AT&T’s local networks. These could include: Automatic Call Back; Automatic Recall; Call Trace; Caller Identification and related blocking

features; Calling Number Delivery; Customer Originated Trace; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.

- 1.1.42 “Customer Name and Address Information” (CNA) means the name, service address and telephone numbers of a Party’s End Users for a particular Exchange Area. CNA includes nonpublished listings, coin telephone information and published listings.
- 1.1.43 Intentionally Left Blank.
- 1.1.44 “Declassified” or “Declassification” means the situation where a network element, including a network element referred to as a UNE under this Agreement, ceases to be a UNE under this Agreement because it is no longer required by Section 251(c)(3) of the Act, as determined by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders. Without limitation, a UNE that has ceased to be a UNE may also be referred to as “Declassified.”
- 1.1.45 “Delaying Event” means any failure of a Party to perform any of its obligations set forth in this Agreement, caused in whole or in part by:
 - 1.1.45.1 the failure of the other Party to perform any of its obligations set forth in this Agreement, including but not limited to a Party’s failure to provide the other Party with accurate and complete Service Orders;
 - 1.1.45.2 any delay, act or failure to act by the other Party or its End User, agent or subcontractor; or
 - 1.1.45.3 any Force Majeure Event.
- 1.1.46 “Dialing Parity” is as defined in the Act. As used in this Agreement, Dialing Parity refers to both Local Dialing Parity and Toll Dialing Parity.
- 1.1.47 “Digital Signal Level” is one of several transmission rates in the time-division multiplex hierarchy.
 - 1.1.47.1 “Digital Signal Level 0” (DS-0) is the 64 Kbps zero-level signal in the time-division multiplex hierarchy.
 - 1.1.47.2 “Digital Signal Level 1” (DS-1) is the 1.544 Mbps first-level signal in the time-division multiplex hierarchy.
 - 1.1.47.3 “Digital Signal Level 3” (DS-3) is the 44.736 Mbps third-level signal in the time-division multiplex hierarchy.
- 1.1.48 “Digital Subscriber Line” (DSL) is as defined in the applicable Appendix xDSL and/or the applicable tariff, as appropriate.
- 1.1.49 “Distant LCA” is defined as a Local Calling Area (as defined below) that is separate and distinct from the LCA where the CLEC designated POI for the exchange of Section 251(b)(5)/IntraLATA Traffic is located.
- 1.1.50 “Electronic File Transfer” is any system or process that utilizes an electronic format and protocol to send or receive data files.
- 1.1.51 “End Users” means a third-party residence or business that subscribes to Telecommunications Services provided by any of the Parties at retail. As used herein, the term “End Users” does not include any of the Parties to this Agreement with respect to any item or service obtained under this Agreement.
- 1.1.52 “Enhanced Service Provider” (ESP) is a provider of enhanced services as those services are defined in 47 CFR Section 64.702.
- 1.1.53 “Exchange Access” is as defined in the Act.

- 1.1.54 “Exchange Area” means an area, defined by the Commission, for which a distinct local rate schedule is in effect.
- 1.1.55 “Exchange Message Interface” (EMI) (formerly Exchange Message Record - EMR) is the standard used for exchange of Telecommunications message information among Telecommunications Carriers for billable, non-billable, sample, settlement and study data. EMI format is contained in Telcordia Practice BR-010-200-010, CRIS Exchange Message Record.
- 1.1.56 “Exchange Service” means Telephone Exchange Service, as defined in the Act.
- 1.1.57 “Facility-Based Provider” is defined as a telecommunications carrier that has deployed its own switch and transport facilities.
- 1.1.58 “Feature Group A” (FGA) means calls either originated by, or delivered to, an End User who has purchased switched access FGA service from the interstate or intrastate tariffs of either Party. FGA also includes, but is not limited to, FGA-like services provided by either Party, where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one LATA but where the Party receiving the call is physically located in a LATA different than the LATA of the Party originating the call.
- 1.1.59 “Feature Group D” (FGD) is access available to all customers, providing trunk side access to a Party’s End Office Switches with an associated uniform 101XXXX access code for customer’s use in originating and terminating communications.
- 1.1.60 “FCC” means the Federal Communications Commission.
- 1.1.61 “Fiber Meet” means an Interconnection architecture method whereby the Parties physically Interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at a mutually agreed upon location, at which one Party’s responsibility or service begins and the other Party’s responsibility ends.
- 1.1.62 “Foreign Exchange” (FX) means a service whereby calls either originated by or delivered to a customer who has purchased FX service from the state or interstate tariffs of either Party. FX also includes, but is not limited to, FX-like services provided by either Party where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one local calling area but where the Party receiving the call is physically located outside of that local calling area. FX service can be either interLATA or intraLATA. InterLATA FX, where the originating and receiving parties are physically located in different LATAs, is considered equivalent to FGA and the intercarrier compensation mechanism is the same as FGA. IntraLATA FX, when provided by two or more local exchange carriers “LECs,” is considered a jointly provided service and meet-point billed by those providing it utilizing a mutually agreed to meet-point billing, or meet-point billing like procedure.
- 1.1.63 “Fraud Monitoring System” means an off-line administration system that monitors LIDB validation query traffic for suspected occurrences of ABS-related fraud.
- 1.1.64 “Governmental Authority” means any federal, state, local, foreign, or international court, government, department, commission, board, bureau, agency, official, or other regulatory, administrative, legislative, or judicial authority with jurisdiction over the subject matter at issue.
- 1.1.65 “Group Record” means information in LIDB and/or the LIDB administrative system that is common to all telephone numbers in an NPA-NXX or all Special Billing Numbers in an NXX-0/1XX.
- 1.1.66 “Incumbent Local Exchange Carrier” (ILEC) is as defined in the Act.
- 1.1.67 “Intellectual Property” means copyrights, patents, trademarks, trade secrets, mask works and all other intellectual property rights.

- 1.1.68 "Integrated Digital Loop Carrier" means a subscriber loop carrier system that is twenty-four (24) local Loop transmission paths combined into a 1.544 Mbps digital signal which integrates within the switch at a DS1 level.
- 1.1.69 "Integrated Services Digital Network" (ISDN) means a switched network service that provides end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).
- 1.1.70 "Interconnection" is as defined in the Act.
- 1.1.71 "Interconnection Activation Date" is the date that the construction of the joint facility Interconnection arrangement has been completed, trunk groups have been established, joint trunk testing is completed and trunks have been mutually accepted by the Parties.
- 1.1.72 "Interexchange Carrier" (IXC) means a carrier that provides, directly or indirectly, interLATA or intraLATA Telephone Toll Services.
- 1.1.73 "InterLATA" is as defined in the Act.
- 1.1.74 "Intermediate Distribution Frame" (IDF) is a second frame that augments an existing Main Distribution Frame. Lines or outside cables do not terminate on the IDF.
- 1.1.75 "Internet Service Provider" (ISP) is an Enhanced Service Provider that provides Internet Services, and is defined in paragraph 341 of the FCC's First Report and Order in CC Docket No. 97-158.
- 1.1.76 "IntraLATA Toll Traffic" is defined as traffic between one AT&T local calling area and another AT&T local calling area or that of another LEC within the same LATA.
- 1.1.77 "IntraLATA Toll Trunk Group" is defined as a trunk group carrying IntraLATA Toll traffic as defined above.
- 1.1.78 "ISP-Bound Traffic", in accordance with the FCC's Order on Remand and Report and Order, In the Matter of Implementation of the Local Compensation Provisions in the Telecommunications Act of 1996, Intercarrier Compensation for ISP-Bound Traffic, FCC 01-131, CC Docket Nos. 96-98, 99-68 (rel. April 27, 2001) ("FCC ISP Compensation Order"), shall mean Telecommunications traffic exchanged between CLEC and AT&T over each party's own facilities in which the originating End User of one Party and the ISP served by the other Party are:
 - 1.1.78.1 both physically located in the same ILEC Local Exchange Area as defined by the ILEC's Local (or "General") Exchange Tariff on file with the applicable state commission or regulatory agency; or
 - 1.1.78.2 both physically located within neighboring ILEC Local Exchange Areas that are within the same common mandatory local calling area. This includes, but is not limited to, mandatory EAS, mandatory ELCS or other types of mandatory local calling scopes.
- 1.1.79 "Jurisdictional Identification Parameter" (JIP) is an existing six (6) digit (NPA-NXX) field in the SS7 message. This field designates the first point of switching.
- 1.1.80 "LIDB Editor" means a SCP tool that bypasses the LIDB administrative system and provides emergency access to LIDB for data administration.
- 1.1.81 "Line Information Data Base" (LIDB) means a transaction-oriented database system that functions as a centralized repository for data storage and retrieval. LIDB is accessible through CCS networks. LIDB contains records associated with End User line numbers and special billing numbers. LIDB accepts queries from other network elements and provides return

result, return error, and return reject responses as appropriate. Examples of information that Account Owners might store in LIDB and in their Line Records are: ABS Validation Data, Originating Line Number Screening (OLNS) data, ZIP Code data, and Calling Name Information.

- 1.1.82 "Line Record" means information in LIDB and/or the LIDB administrative system that is specific to a single telephone number or Special Billing Number.
- 1.1.83 "Line Side" refers to End Office switch connections that have been programmed to treat the circuit as a local line connected to a terminating station (e.g., an ordinary subscriber's telephone station set, a PBX, answering machine, facsimile machine or computer). Line Side connections offer only those transmission and signal features appropriate for a connection between an End Office and such terminating station.
- 1.1.84 "Local Access Transport Area" (LATA) is as defined in the Act.
- 1.1.85 "Local Exchange Carrier" (LEC) is as defined in the Act.
- 1.1.86 "Local Exchange Routing Guide" (LERG) is a Telcordia Reference document used by Telecommunications Carriers to identify NPA-NXX routing and homing information as well as Network element and equipment designations.
- 1.1.87 "Local Calls," for purposes of intercarrier compensation, is traffic where all calls are within the same common local and common mandatory local calling area, i.e., within the same or different AT&T Exchange(s) that participate in the same common local mandatory local calling area approved by the applicable state Commission. Local Calls must actually originate and actually terminate to parties physically located within the same common local or common mandatory local calling area.
- 1.1.88 "Local Interconnection Trunk Groups" are two-way trunk groups used to carry Section 251(b)(5)/IntraLATA Traffic between CLEC end users and AT&T end users.
- 1.1.89 "Local Loop Transmission", "Unbundled Local Loop", "Loop" means the transmission path which extends from the Network Interface Device or demarcation point at an End User's premise to the Main Distribution Frame or other designated frame or panel in the AT&T Serving Wire Center.
- 1.1.90 "Local Number Portability" means the ability of users of Telecommunications Services to retain, at the same location, the presence of a previously existing telephone number(s).
- 1.1.91 "Location Routing Number" (LRN) is a ten (10) digit number that is assigned to the network switching elements (Central Office – Host and Remotes as required) for the routing of calls in the network. The first six (6) digits of the LRN will be one of the assigned NPA NXX of the switching element. The purpose and functionality of the last four (4) digits of the LRN have not yet been defined but are passed across the network to the terminating switch.
- 1.1.92 "Local Service Provider" (LSP) is the LEC that provides retail local Exchange Service to an End User. The LSP may or may not provide any physical network components to support the provision of that End User's service.
- 1.1.93 "Local Tandem" refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch serving a particular LCA (defined below).
- 1.1.94 "Local/Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Traffic and IXC-carried traffic.
- 1.1.95 "Local Calling Area" or "LCA" is an AT&T local calling area, as defined in AT&T's General Exchange Tariff. LCA is synonymous with "Local Exchange Area" (LEA).

- 1.1.96 "Local/IntraLATA Tandem Switch" is defined as a switching machine within the public switch telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/Intra Lata Traffic.
- 1.1.97 "Local Only Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5) and ISP Bound Traffic.
- 1.1.98 "Loss" or "Losses" means any and all losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).
- 1.1.99 "Main Distribution Frame" (MDF) is termination frame for outside facility and inter-exchange office equipment at the central office for DS-0 and DSL services.
- 1.1.100 "MECAB" refers to the Multiple Exchange Carrier Access Billing document prepared by the Billing Committee of the Ordering and Billing Forum "OBF," which functions under the auspices of the Carrier Liaison Committee "CLC of the Alliance for Telecommunications Industry Solutions "ATIS." The MECAB document, published by ATIS as ATIS/OBF- MECAB- Issue 6, February 1998, contains the recommended guidelines for the billing of access services provided to an IXC by two or more LECs, or by one LEC in two or more states within a single LATA.
- 1.1.101 "MECOD" refers to the Multiple Exchange Carriers Ordering and Design Guidelines for Access Services - Industry Support Interface, a document developed by the Ordering/Provisioning Committee of the OBF, which functions under the auspices of the CLC of ATIS. The MECOD document, published by ATIS as ATIS/OBF- MECAB- Issue 3, February 1993, establishes methods for processing orders for access service which is to be provided to an IXC by two or more telecommunications providers.
- 1.1.102 "Meet-Point Billing" (MPB) refers to the billing associated with interconnection of facilities between two or more LECs for the routing of traffic to and from an IXC with which one of the LECs does not have a direct connection. In a multi-bill environment, each Party bills the appropriate tariffed rate for its portion of a jointly provided Switched Exchange Access Service.
- 1.1.103 "Multiple Bill/Single Tariff" is a billing method used when Switched Exchange Access Services is jointly provided by the Parties. As described in the MECAB document, each Party will render a bill in accordance with its own tariff for that portion of the service it provides. Each Party will bill its own network access service rates.
- 1.1.104 "Mutual Compensation" as defined in Appendix Inter-carrier Compensation.
- 1.1.105 "Network Data Mover" (NDM) is an industry standard protocol for transferring information electrically.
- 1.1.106 "Network Element" is as defined in the Act.
- 1.1.107 "North American Numbering Plan" (NANP) A numbering architecture in which every station in the NANP Area is identified by a unique ten-digit address consisting of a three-digit NPA code, a three digit central office code of the form NXX, and a four-digit line number of the form XXXX.
- 1.1.108 "Numbering Plan Area" (NPA) also called area code. An NPA is the 3-digit code that occupies the A, B, C positions in the 10-digit NANP format that applies throughout the NANP Area. NPAs are of the form NXX, where N represents the digits 2-9 and X represents any digit 0-9. In the NANP, NPAs are classified as either geographic or non-geographic. a) Geographic NPAs are NPAs which correspond to discrete geographic areas within the NANP Area. b) Non-geographic NPAs are NPAs that do not correspond to discrete geographic areas, but which are instead assigned for services with attributes, functionalities, or requirements that

transcend specific geographic boundaries. The common examples are NPAs in the N00 format, e.g., 800.

- 1.1.109 "Number Portability" is as defined in the Act.
- 1.1.110 "NXX" or "Central Office Code" is the three-digit switch entity indicator that is defined by the fourth through sixth digits of a 10-digit telephone number within the NANP. Each NXX Code contains 10,000 station numbers.
- 1.1.111 "Offers Service" – At such time as CLEC opens an NPA/NXX, ports a number to serve an end user, or pools a block of numbers to serve end users.
- 1.1.112 Intentionally Left Blank.
- 1.1.113 "Ordering and Billing Forum" (OBF) is a forum comprised of local telephone companies and inter-exchange carriers whose responsibility is to create and document Telecommunication industry guidelines and standards.
- 1.1.114 "Originating Line Information" (OLI) is an SS7 Feature Group D signaling parameter which refers to the number transmitted through the network identifying the billing number of the calling Party.
- 1.1.115 "Originating Point Code" (OPC) means a code assigned to identify CLEC's system(s) that originate SS7 messages, including LIDB Service Queries.
- 1.1.116 "Out of Exchange LEC (OE-LEC)" means CLEC operating within AT&T's incumbent local exchange area and provides telecommunications services utilizing NPA-NXXs identified to reside in a Third Party Incumbent LEC's local exchange area.
- 1.1.117 "Out of Exchange Traffic" is defined as Section 251(b)(5) and ISP Bound traffic, FX, or intraLATA traffic to or from a non-AT&T ILEC exchange area.
- 1.1.118 "Party" means either CLEC or AT&T. "Parties" means both CLEC and AT&T.
- 1.1.119 "Permanent Number Portability" (PNP) is a long term method of providing LNP using LRN.
- 1.1.120 "Person" means an individual or a partnership, an association, a joint venture, a corporation, a business or a trust or other entity organized under Applicable law, an unincorporated organization or any Governmental Authority.
- 1.1.121 "Physical Collocation" is as defined in Appendix Collocation.
- 1.1.122 "Plain Old Telephone Service" (POTS) means telephone service for the transmission of human speech.
- 1.1.123 "Point of Interconnection" (POI) is a physical location on the AT&T network at which the Parties' networks meet for the purpose of establishing Interconnection. POIs include a number of different technologies and technical interfaces based on the Parties' mutual agreement.
- 1.1.124 "Rate Center Area" means the following in each applicable area:
 - 1.1.124.1 "Rate Center" means a uniquely defined geographical location within an exchange area (or a location outside the exchange area) for which mileage measurements are determined for the application of interstate tariffs.
 - 1.1.124.2 "Rating Point" means the V&H coordinates associated with a particular telephone number for rating purposes.
- 1.1.125 "Referral Announcement" refers to a process by which calls are routed to an announcement that states the new telephone number of an End User.

- 1.1.126 "Remote End Office Switch" is an AT&T switch that directly terminates traffic to and receives traffic from end users of local Exchange Services, but does not have full feature, function and capability of an AT&T End Office Switch. Such features function, and capabilities are provided to the AT&T Remote End Office Switch via an umbilical to an AT&T Host End Office.
- 1.1.127 "Routing Point" is a location which a LEC has designated on its own network as the homing or routing point for traffic inbound to Exchange Service provided by the LEC which bears a certain NPA-NXX designation. The Routing Point is employed to calculate mileage measurements for the distance-sensitive transport element charges of Switched Access services. The Routing Point need not be the same as the Rating Point, nor must it be located within the Rate Center area, but must be in the same LATA as the NPA-NXX.
- 1.1.128 "Section 251(b)(5) Traffic" shall mean Telecommunications traffic exchanged over the Parties' own facilities in which the originating End User of one Party and the terminating End User of the other Party are:
- 1.1.128.1 both physically located in the same ILEC Local Exchange Area as defined by the ILEC Local (or "General") Exchange Tariff on file with the applicable state Commission or regulatory agency; or both physically located within the neighboring ILEC Local Exchange Areas that are within the same mandatory calling area. This includes, but is not limited to, mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other type of mandatory expanded local calling scopes.
- 1.1.129 "Section 251(b)(5)/IntraLATA Traffic" shall mean for purposes of this Attachment, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA Toll traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and intraLATA toll provider, and/or (iv) IntraLATA Toll traffic originating from an end user obtaining local dialtone from AT&T where AT&T is both the Section 251(b)(5) Traffic and intraLATA toll provider.
- 1.1.130 "Service Control Point" (SCP) is the node in the common channel signaling network that accepts Queries for certain Database services. The SCP is a real time database system that receives Queries from service platforms, performs subscriber or application-specific service logic, and then sends a Response back to the Query-originating platform. Such service platforms can be Service Switching Points (SSPs) or other network nodes capable of properly formatting and launching Queries.
- 1.1.131 "Service Management System" (SMS) means an off-line system used to access, create, modify, or update information in a Database.
- 1.1.132 "Service Provider Number Portability" (SPNP) is synonymous with Permanent Number Portability "PNP."
- 1.1.133 "Service Switching Point" (SSP) is a telephone central office switch equipped with a Signaling System 7 (SS7) interface.
- 1.1.134 "Serving Wire Center" (SWC) means a Wire Center that serves the area in which the other Party's or a third party's Wire Center, aggregation point, point of termination, or point of presence is located.
- 1.1.135 "Signaling System 7" (SS7) means a signaling protocol used by the CCS Network.
- 1.1.136 "Signal Transfer Point" (STP) performs a packet switching function that routes signaling messages among Service Switching Points (SSP), Service Control Points (SCP), Signaling Points (SP), and other STPs in order to set up calls and to query databases for Advanced Services.
- 1.1.137 "State Abbreviation" means the following:

- 1.1.138 "Switched Access Detail Usage Data" means a category 1101xx record as defined in the EMI Telecordia Practice BR 010-200-010.
- 1.1.139 "Switched Exchange Access Service" means the offering of transmission or switching services to Telecommunications Carriers for the purpose of the origination or termination of telephone toll service. Switched Exchange Access Services include: Feature Group A, Feature Group B, Feature Group D, 800/888 access, and 900 access and their successors or similar Switched Exchange Access Services.
- 1.1.140 "Synchronous Optical Network" (SONET) is an optical interface standard that allows inter-networking of transmission products from multiple vendors. The base rate is 51.84 Mbps ("OC-1/STS-1") and higher rates are direct multiples of the base rate, up to 13.22 Gbps.
- 1.1.141 "Telecommunications" is as defined in the Act.
- 1.1.142 "Telecommunications Carrier" is as defined in the Act.
- 1.1.143 "Telecommunications Service" is as defined in the Act.
- 1.1.144 "Telephone Exchange Service" is as defined in the Act.
- 1.1.145 "Telephone Toll Service" is as defined in the Act.
- 1.1.146 "Third Party" means any Person other than a Party.
- 1.1.147 "Toll Billing Exception Service" (TBE) means a service that allows End Users to restrict third number billing or collect calls to their lines.
- 1.1.148 "Toll Free Service" is service provided with any dialing sequence that invokes toll-free, 800-like, service processing, for example for illustration only, 800 or 800-like services. Toll Free Service includes but is not limited to calls placed to 800/888 NPA Service Access Codes (SAC).
- 1.1.149 "Translation Type" means a code in the Signaling Connection Control Part (SCCP) of the SS7 signaling message. Signal Transfer Points (STPs) use Translation Types to identify the routing table used to route an SS7 message. All LIDB Queries and/or CNAM Queries that use the same Translation Type are routed to the same LIDB and/or CNAM Database for a particular Line Record or, for a particular NPA-NXX.
- 1.1.150 "Trunk" means a communication line between two switching systems.
- 1.1.151 "Unbundled Network Element" or "UNE" is as defined in Attachment 6 Unbundled Network Elements
- 1.1.152 "Universal Digital Loop Carrier" (UDLC) describes a DLC system that has a Central Office terminal channel bank that is connected to the CO switches on the analog side.
- 1.1.153 "Virtual Collocation" is as defined in Appendix Collocation.
- 1.1.154 "Wire Center" is the location of one or more local switching systems. A point at which End User's loops within a defined geographic area converge. Such local loops may be served by one (1) or more Central Office Switches within such premises.

ATTACHMENT 1: RESALE

All services made available to CLEC by AT&T or resale pursuant to the Agreement (Resale services) will be subject to the terms and conditions set forth in the Agreement and in this Attachment 1: Resale, and in its appendices Pricing Schedule, Customized Routing - Resale, DA - Resale, OS - Resale and White Pages - Resale, (collectively referred to as "Attachment Resale" or "this Attachment").

1. GENERAL REQUIREMENTS

- 1.1 At the request of CLEC, and pursuant to the requirements of the Act, any telecommunications service that AT&T currently provides or hereafter provides at retail to subscribers who are not telecommunications carriers (including but not limited to the Resale services set forth in Pricing Schedule attached hereto), will be made available to CLEC by AT&T in accordance with the terms and conditions set forth in the Agreement and this Attachment 1: Resale.

The Parties agree that a LEC has the duty not to prohibit, and not to impose unreasonable or discriminatory conditions or limitations on, the resale of its telecommunication service pursuant to 251(b)(1) of the Act.

- 1.2 AT&T will apply an End User Common Line (EUCL) charge to each local exchange line resold under this agreement. All federal rules and regulations associated with EUCL charges, as found in Tariff FCC 73, also apply.

Consistent with Section 1.7 of the General Terms and Condition of this Agreement, AT&T shall provide Resale Services under the following terms and conditions in this Attachment Resale.

- 1.3 AT&T will make available to CLEC for resale Customer Service Contracts, Enhanced Directory Listings, Prepaid Calling Card, Joint User Services and all listed services contained in Pricing Schedule. Except as otherwise expressed herein, AT&T also will make available for resale to CLEC at the wholesale discount rate ordered by the State Commission any other Telecommunications Services offered by AT&T and not listed in Pricing Schedule.

- 1.4 AT&T will make available to CLEC resale AT&T's Bill Plus service at a discount of five per cent (5%) off of AT&T's tarified rate for each service. Consolidated Billing is available at no charge.

- 1.5 AT&T, will make available to CLEC, including but not limited to for resale the following AT&T services at AT&T's tarified rate for each service (or in the event a service is not tarified, at the rate AT&T charges its subscribers, except as otherwise provided herein):

- Construction Charges
- Connections with Terminal Equipment and Communications Systems
- Maintenance of Service Charges
- Suspension Services/Restoral Services
- Telecommunications Service Priority Systems
- Access Services
- 555/976 Information Delivery Service
- Cellular Mobile Interconnection Services
- Exchange Connection Services
- IntraLATA Internet Access Plans (as found in Section 4 of the Ohio Long Distance Message Telecommunications Service Tariff)
- Specialized Broadband Services

- 1.6 The following services are not being made available by AT&T to CLEC for resale.

- BDS/LAN

- Customer Provided Equipment
- Customized Billing Reports
- Inline® Products
- Inside Wiring
- Semi-Public Telephone Booths and Enclosures
- 911 Universal Emergency Number Equipment

1.7 Telecommunications Services will be resold by AT&T to CLEC on terms and conditions that are reasonable and nondiscriminatory.

1.8 Directory Assistance and Operator Services

Specific provisions, requirements and prices concerning Directory Assistance, Operator Services and related services are set forth in Appendix Directory Assistance/Operator Services, attached hereto.

Subject to any blocking that may be ordered by CLEC for its customers, to the extent Directory Assistance (DA) services are provided to AT&T's customers, AT&T shall provide CLEC's customers access to AT&T's Directory Assistance services.

Subject to any blocking that may be ordered by CLEC for its customers, AT&T will provide access to Operator Services ("OS") to CLEC's customers to the same extent it provides OS to its own customers.

1.9 Directory Listings Requirements

Specific provisions, requirements and prices concerning Directory Listings are set forth in Appendix White Pages (WP)-Resale, attached hereto.

1.10 Unless otherwise provided in this Agreement, AT&T will perform all of its obligations hereunder throughout the entire service area where AT&T is the incumbent local exchange carrier. AT&T will provide the services covered by this Attachment subject to the availability of facilities in this state.

1.11 CLEC may at any time add or delete features to or relocate the Resale services for CLEC's End Users except for grandfathered services. However, CLEC may only offer grandfathered services to customers that are eligible to receive grandfathered services from AT&T.

1.12 Intentionally Left Blank

1.13 CLEC may terminate any Resale service within the period specified for termination of such Resale service in AT&T's tariff applicable to that service, unless a different period is specified in this Attachment 1: Resale.

1.14 A CLEC shall make its telecommunications services available for resale to AT&T on terms and conditions that are reasonable and nondiscriminatory.

2. BRANDING

2.1 CLEC is free to brand the Resale services that AT&T provides to CLEC under the provisions of this Agreement. AT&T will not brand such Resale services provided to CLEC under this Agreement as being AT&T's services, although certain AT&T's retail services that utilize electronic branding are subject to the further provisions of Section 2.1.1 below.

2.1.1 AT&T offers certain retail services that utilize electronic branding to designate the services as AT&T's retail services. Subject to applicable law, to the extent such services are made available for resale to CLEC End Users, CLEC may request AT&T to rebrand such services as CLEC services or to offer them without a brand. AT&T will review such requests in a timely manner and provide a cost estimate. CLEC agrees to reimburse AT&T for its costs associated with the technical modifications necessary for such services to be unbranded or rebranded, including the costs to expedite the service availability to meet CLEC's needs. CLEC must accept the costs in writing before unbranding or rebranding technical modifications are performed and implemented.

These branding and cost recovery provisions are applicable to services other than Directory Assistance and Operator Services offered by AT&T as of the effective date of this Agreement. To the extent other LSPs subsequently utilize such unbranded services, AT&T agrees to reimburse CLEC for a reasonable portion of its costs.

- 2.2 CLEC will provide the exclusive interface to CLEC End Users in connection with the marketing, offering or provision of CLEC services, except as otherwise provided in this Agreement. In those instances where AT&T personnel interface directly with CLEC End Users in respect to installation, maintenance, and repair services in connection with providing Resale services to CLEC, orally (either in person or by telephone) or in writing, such personnel will identify themselves as acting on behalf of their local service provider.
- 2.3 Branding provisions concerning AT&T's furnishing of all forms, business cards or other business materials to CLEC End Users in connection with the ordering and provisioning and maintenance of Resale services provided for in this Agreement are contained in Attachments 2 and 3 of this Agreement.
- 2.4 CLEC will not, without AT&T's written authorization, offer the Resale services covered by this Agreement using trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T or its affiliates.

3. PRIMARY LOCAL EXCHANGE CARRIER SELECTION CHARGE

- 3.1 The prices for primary local exchange carrier selection will be as specified in the Pricing Schedule.
 - 3.1.1 Intentionally Left Blank
 - 3.1.2 Intentionally Left Blank
 - 3.1.3 Intentionally Left Blank
 - 3.1.4 Simple and Complex Service Orders: If AT&T can process an order on an electronic flow-through basis, the order is simple. All other orders are complex.
- 3.2 Intentionally Left Blank
- 3.3 Intentionally Left Blank
- 3.4 Upon an end user's subscription to CLEC local Resale service, CLEC may choose to replace LIDB data with its own information or retain the information from the previous provider. CLEC resold service will retain all LIDB functionality equal to that of AT&T retail service.

4. PRICING

- 4.1 The prices charged or discounts applied to CLEC for Resale service are set forth in Pricing Schedule of Prices.
- 4.2 Resale services offered by AT&T through promotions will be available to CLEC on terms and conditions no less favorable than those AT&T makes available to its customers, provided that for promotions of 90 days or less, AT&T will offer the services to CLEC for resale at the promotional rate without a wholesale discount. For promotions of more than 90 days, AT&T will make the services available at the avoided cost discount from the promotional rate only to the extent required by Commission order in that state.

5. NO RESTRICTIONS ON RESALE

- 5.1 CLEC may resell Resale services to provide telecommunications services to any and all categories of subscribers, unless the Public Utilities Commission of Ohio determines otherwise as to a service obtained at wholesale rates. CLEC will not resell to business End Users AT&T's Resale services that are restricted by AT&T's tariffs to use by residential subscribers. AT&T is not required to make services available for resale at wholesale rates to CLEC for its own use. CLEC may only resell Lifeline

Assistance, Link-Up, and other like services to similarly situated customers who are eligible for such services. Further, to the extent CLEC resells services that require certification on the part of the buyer, CLEC will ensure that the buyer has received proper certification and complies with all rules and regulations as established by the Commission. AT&T will not prohibit, nor impose unreasonable or discriminatory conditions or limitations on the resale of its Telecommunications Services.

- 5.2 CLEC will not use the Resale services covered by this Agreement to provide intrastate or interstate access services or to avoid intrastate or interstate access charges to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), or other telecommunications providers. Provided however, that CLEC may permit its end users to use resold Resale services to access IXCs, wireless carriers, CAPs, or other retail telecommunications providers.

6. DIALING PARITY

- 6.1 For all call types associated with the Resale services provided to CLEC by AT&T under this Agreement: (i) a CLEC Customer will not be required to dial any greater number of digits than a similarly-situated AT&T customer; (ii) the post-dial delay (time elapsed between the last digit dialed and the first network response), call completion rate and transmission quality received by an CLEC End User will be at least equal in quality to that received by a similarly situated AT&T customer; and (iii) the CLEC End User may retain its local telephone number provided the customer remains within the same wire center. End users of CLEC and end users of AT&T will have the same exchange boundaries; such end users will be able to dial the same number of digits when making a "local" call and activating feature functionality.

7. MAINTENANCE

- 7.1 Maintenance will be provided by AT&T in accordance with the service parity requirements set forth in this Attachment 1: Resale and the requirements and standards set forth in Attachment 3: Maintenance-Resale.

8. CHANGES IN RETAIL SERVICE

- 8.1 AT&T will notify CLEC, via Accessible Letter, at the time the tariff is filed with the Public Utilities Commission of Ohio for price deregulated services and 45 days prior to the time a tariff is filed with the Public Utilities Commission of Ohio for all other regulated services, of any changes in the prices, terms and conditions under which AT&T offers telecommunications services at retail to subscribers who are not telecommunications service providers or carriers, including, but not limited to, the introduction of any new features, functions, services, promotions, or the discontinuance of current features or services.

9. BILLING FOR LOCAL SERVICE

- 9.1 AT&T will bill CLEC for Resale services provided by AT&T to CLEC pursuant to the terms of this Attachment, and in accordance with the terms and conditions contained in Attachment 4: Connectivity Billing and Recording-Resale.
- 9.2 AT&T will recognize CLEC as the customer of record for all Local Service and will send all notices, bills and other pertinent information directly to CLEC. CLEC is responsible for the payment of charges for all services furnished by reason of this Attachment.

10. OPERATIONAL REQUIREMENTS

- 10.1 For terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" for CLEC for pre-ordering, ordering, provisioning, maintenance/repair, and billing provided by AT&T, see Attachment 27 Operation Support Systems (OSS) and, for manual ordering, in accordance with the terms and conditions contained in Attachment 2: Manual Ordering and Provisioning-Resale.

- 10.2 AT&T will provide usage information to CLEC for Resale services pursuant to the terms of this Attachment, and in accordance with the terms and conditions contained in Attachment 5: Customer Usage Data-Resale.

11. RESPONSIBILITY FOR ABS CALLS

- 11.1 If CLEC does not wish to be responsible for payment of charges for collect, third number billed, toll and information services (for example, 900) calls, it must order the appropriate blocking for lines provided under this Appendix and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to customers. CLEC acknowledges that blocking is not available for certain types of calls, including 800, 888, 411 and Directory Assistance Express Call Completion. CLEC is not responsible for charges the customer generates by accepting calls from facilities such as prisons, correctional facilities, etc as long as CLEC has appropriately ordered TBE (Toll Billing Exception) Blocking on the End User's line. Such calls (leakage) that are delivered to an End User line, which has had TBE Blocking appropriately ordered, shall not be the responsibility of the CLEC and shall be adjusted off the CLEC's bill.

APPENDIX SERVICES/PRICING

1. This Appendix Services/Pricing describes several services which AT&T will make available to CLEC for resale pursuant to the Agreement and Attachment 1: Resale. This list of services is neither all inclusive nor exclusive. All services or offerings of AT&T which are required to be offered for resale pursuant to the Act are subject to the terms herein, even if not specifically enumerated or described in this Appendix.
2. **PLEXAR® FAMILIES OF SERVICES REQUIREMENTS**
 - 2.1 CLEC may purchase the entire set PLEXAR families of services and features or a subset of any one or any combination of such features in conjunction with PLEXAR services. CENTREX is a Grandfathered Service and CLEC may only offer it to customers that are eligible to receive CENTREX from AT&T. The PLEXAR families of services provided for resale will meet the following requirements:
 - 2.1.1 All features and functions of PLEXAR families of services, whether offered under tariff or otherwise, will be available to CLEC for resale.
 - 2.1.2 To the extent that CLEC claims that a particular use limitation, term, or condition in AT&T's Plexar Tariff which has been approved by the State Commission is inconsistent with the Act or other applicable law, CLEC will nonetheless enforce said use limitation, term or condition until it is determined by the appropriate authority to be unlawful
 - 2.2 CLEC may aggregate the PLEXAR families of services, local exchange and IntraLATA traffic usage of CLEC Customers to qualify for volume discounts on the basis of such aggregated usage.
 - 2.3 CLEC may aggregate multiple CLEC Customers on dedicated access facilities. CLEC will pay the rates for DS-1 termination set forth herein for such service.
 - 2.4 CLEC may be required to pay a charge, for the cost of suppressing the need for CLEC Customers to dial "9" when placing calls outside the PLEXAR families of services.
 - 2.5 CLEC may use off-premises extensions in conjunction with the Private Line Services and PLEXAR families of services to provide service to CLEC Resale service customers having locations outside of the geographic territory in which AT&T provides local exchange service as the incumbent LEC.
 - 2.6 CLEC may purchase any and all levels of PLEXAR families of services (e.g., PLEXAR I, PLEXAR II, PLEXAR Custom, or PLEXAR Express) for resale.
 - 2.7 AT&T will furnish PLEXAR Custom services to CLEC for resale subject to Section 2.1.1 of this Appendix. AT&T provision of PLEXAR Custom will be as specified in this paragraph. AT&T will offer CLEC the same price AT&T provides to its Customers less costs that will be avoided. In addition, AT&T will provide CLEC with the same technical and system design support that AT&T makes available to AT&T's PLEXAR® Custom sales teams and agents. Such support will be provided by AT&T to CLEC with the same quality and timelines that AT&T provides to AT&T's PLEXAR sales teams and agents. Access to appropriate training for PLEXAR Custom sales and sales support will be provided to CLEC by AT&T at a reasonable price, mutually acceptable to AT&T and CLEC.
3. **CLASS AND CUSTOM FEATURES REQUIREMENTS**
 - 3.1 CLEC may purchase the entire set of CLASS and Custom features and functions, or a subset of any one or any combination of such features, including packages (e.g., "The Works"), without restriction on the minimum or maximum number of lines or features that may be purchased for any one level of service. CLEC may package any services so purchased for purposes of resale to its customers. AT&T will provide to CLEC a list of all services and features. As requested by CLEC, AT&T will provide a definition of these services and features and how they interact with each other to the extent such information is not otherwise publicly available. To the extent this information provided by AT&T differs from the tariff, the

tariff prevails. AT&T will provide all features and services pursuant to the provisions of Attachment 2: Ordering and Provisioning.

4. VOLUNTARY FEDERAL CUSTOMER FINANCIAL ASSISTANCE PROGRAMS

- 4.1 Local Services provided to low-income subscribers, pursuant to requirements established by the appropriate state regulatory body, include programs such as Voluntary Federal Customer Financial Assistance Program and Link-Up America. When such AT&T customers choose to obtain Resale service from CLEC, AT&T will confirm such customers' eligibility to participate in such AT&T programs to CLEC, in electronic format in accordance with the procedures set forth in Attachment 2: Ordering and Provisioning - Resale. CLEC is responsible for ensuring that its customers to whom it resells AT&T's Voluntary Federal Customer Financial Assistance Programs services are eligible to receive same.

5. E911/911 SERVICES

- 5.1 Where available AT&T will afford CLEC's customers with resold lines the ability to make 911 calls. CLEC will pay the appropriate PSAP applicable 911 surcharges (as defined by the appropriate Oversight Body) on resold lines. Where requested by AT&T, CLEC will provide AT&T with accurate and complete information regarding its customers in a format and time frame prescribed by AT&T for purposes of 911 administration. AT&T will provide to CLEC, for CLEC Customers, E911/911 call routing to the appropriate PSAP. AT&T will make CLEC Customer information available to the appropriate PSAP. AT&T shall use its service order process to update and maintain, on the same schedule that it uses for its Customers, the CLEC Customer service information in the ALI/DMS (Automatic Location Identification/Location Information Database) used to support E911/911 services.

6. SERVICES TO DISABLED CUSTOMERS

- 6.1 AT&T agrees any services it offers to disabled customers will be made available to CLEC for its customers who qualify as disabled customers. When an AT&T customer eligible for services offered to disabled customers chooses to obtain Resale services from CLEC, AT&T will make all information regarding such customer's eligibility for disabled services available to CLEC, in electronic format in accordance with the procedures set forth in Attachment 2: Ordering and Provisioning - Resale. CLEC is responsible for ensuring that its customers to whom it resells AT&T's disabled services are eligible to receive same.

7. TELEPHONE RELAY SERVICE

- 7.1 Where AT&T provides to speech and hearing-impaired callers a service that enables callers to type a message into a telephone set equipped with a keypad and message screen and to have a live operator read the message to a recipient and to type the message recipient's response to the speech or hearing-impaired caller ("Telephone Relay Service"), AT&T will make such service available to CLEC at no additional charge, for use by CLEC customers who are speech or hearing-impaired. If AT&T maintains a record of customers who qualify under any applicable law for Telephone Relay Service, AT&T will make such data available to CLEC as it pertains to CLEC Resale service customers.

8. LIFELINE SERVICES

- 8.1 "Lifeline Services" are Resale services provided to low-income subscribers, pursuant to requirements established by the appropriate state regulatory body. AT&T agrees that any Lifeline Services it offers to customers will be available to CLEC for customers who meet such eligibility requirements.
- 8.2 When a AT&T Lifeline Services customer chooses to obtain Resale service from CLEC, AT&T will confirm such AT&T customer's Lifeline Service eligibility to CLEC, in electronic format in accordance with the procedures set forth in Attachment 2: Ordering and Provisioning - Resale. CLEC is responsible for ensuring that its customers to whom it resells AT&T's Lifeline Services are eligible to receive same.

- 8.3 AT&T will provide the Lifeline Service to CLEC at the Ohio Lifeline Local Exchange Tariff rate, less an additional CLEC state discount as specified in Appendix Services Pricing. AT&T is the entity eligible to apply to and receive support from the Ohio Universal Service Fund and the Federal Universal Service Fund for Lifeline Service.

9. ADVANCED INTELLIGENT NETWORK

- 9.1 CLEC may purchase those Advanced Intelligent Network ("AIN") Telecommunication Services AT&T offers at retail, under tariff or otherwise, to subscribers who are not telecommunications carriers.
- 9.2 All service levels, features and function components of AIN provided by AT&T and offered for resale by CLEC will be provided by AT&T at parity with the same services AT&T offers to its own customers.
- 9.3 CLEC may purchase any and all levels of AIN service for Resale services, without restriction on the minimum or maximum number of lines or features that may be purchased for any one level of service where technically feasible.

10. PAY PHONE SERVICES

- 10.1 AT&T will provide Payphone Exchange Access Service, including SmartCoin Service, to CLEC at a wholesale discount, for resale, pursuant to AT&T's applicable tariffs.

11. CALL TRACE

- 11.1 CLEC end user's activation of Call Trace shall be handled by the AT&T Call Trace Center (CTC). AT&T shall notify CLEC of requests by its end users to provide the call records to the proper authorities. Subsequent communications and resolution of the case with CLEC's end users (whether that end user is the victim or the suspect) will be coordinated through CLEC.
- 11.2 CLEC understands that for services where reports are provided to law enforcement agencies (e.g., Call Trace) only billing number and address information will be provided. It will be CLEC's responsibility to provide additional information necessary for any police investigation. CLEC will indemnify AT&T against any claims that insufficient information led to inadequate prosecution.

12. SUSPENSION SERVICES

- 12.1 CLEC may offer to resell Customer Initiated Suspension and Restoral Service to their customers. CLEC may also provide a Company Initiated Suspension service for their own purposes. Should CLEC choose to suspend their end user through Company Initiated Suspension Service, this suspension period shall not exceed fifteen (15) calendar days. If CLEC issues a disconnect on their end user account within the fifteen (15) day period, appropriate services will not be billed for the suspension period. However, should CLEC issue a disconnect after the fifteen (15) day suspension period, CLEC will be responsible for all appropriate charges on the account back to the suspension date. Should CLEC restore their end user, a Service Connection charge for restoral of service will apply and CLEC will be billed for the appropriate service from the time of suspension.

13. PAYMENTS OF RATES & CHARGES FROM A THIRD PARTY

- 13.1 Interexchange carried traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T for billing to resold end-user accounts will be returned as unbillable and will not be passed on to CLEC for billing. An unbillable code returned with those messages to the carrier will indicate that the messages originated from a resold account and will not be billed by AT&T.

14. SERVICES AVAILABLE FOR RESALE AND ASSOCIATED PRICES

- 14.1 AT&T's Retail Telecommunications Services available for Resale at rate listed on the Pricing Schedule.

APPENDIX DA-RESALE

AT&T OHIO-PROVIDED DIRECTORY ASSISTANCE SERVICE

This Appendix DA-Resale to Attachment 1: Resale sets forth the terms and conditions under which AT&T agrees to provide Directory Assistance Service (DA Service) for CLEC, but only upon CLEC's request therefore.

1. SERVICE

- 1.1 DA Service consists of providing subscriber listing information (name, address and published or Non-List telephone number or an indication of non-published status) to CLEC's customers who call DA according to current AT&T methods and practices or as subsequently modified, for the home NPA and/or local/intraLATA serving area, where available, to CLEC's retail end users who dial 411, 1/0+411, 555-1212, 1/0+555-1212 or 1/0+NPA-555-1212 or other dialing arrangement.
- 1.2 Directory Assistance Call Completion (DACC) service consists of AT&T completing a call to the requested number on behalf of CLEC's end user, utilizing the Interactive Voice System (IVS) or having the operator complete the call. AT&T will provide DACC to CLEC's customers for local and intrastate intraLATA calls. In the event and to the extent that AT&T provides DACC service to its own customers for interstate intraLATA calls, it will provide such service to CLEC's customers.
- 1.3 AT&T agrees to provide DACC only in areas where AT&T can furnish Automatic Number Identification (ANI) from CLEC's customers to AT&T's switch and where CLEC obtains DA service from AT&T.

2. DIRECTORY ASSISTANCE SERVICES AND DEFINITIONS

AT&T will provide the following DA Services:

- 2.1 Local Directory Assistance. Consists of providing published name, address and telephone number in the local calling area to the dialing end user.
- 2.2 Directory Assistance Call Completion (DACC) [Sometimes also known as "Express Call Completion" (ECC)]. A service in which a local or an intraLATA call to the requested number is completed on behalf of the DA end user, utilizing an automated voice system or with operator assistance.
- 2.3 National Directory Assistance (NDA) A service whereby callers may request directory assistance information outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.
- 2.4 Reverse Directory Assistance (RDA) An Information Service consisting of providing listed local and national name and address information associated with a telephone number provided by the individual originating the call.
- 2.5 Business Category Search (BCS) A service in which the end user may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.
- 2.6 Emergency Nonpub Number Request. A service in which, in the event of an emergency request by a calling party, a Directory Assistance Operator will attempt to reach a nonpublished end user with the calling party's name and number, and a short message about the nature of the emergency, without releasing the nonpublished end user's telephone number to the calling party.
- 2.7 Non-List Telephone Number (also known as DA Only Telephone Number) - A Telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available by calling a AT&T DA Operator.
- 2.8 Non-Published Number - A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor provided by an AT&T DA Operator.

- 2.9 Published Number - A telephone number that is published in a telephone directory and is available upon request by calling a AT&T DA Operator.
- 2.10 IntraLATA Home NPA (HNPA) - Where a LATA is comprised of one area code or Numbering Plan Area (NPA).
- 2.11 IntraLATA Foreign NPA (FNPA) - Where a single LATA includes two Numbering Plan Areas (NPAs). FNPA DA calls may be classified as interstate intraLATA or intrastate intraLATA DA calls.

3. CALL BRANDING AND QUOTATION OF CLEC DA RATE INFORMATION

- 3.1 Call Branding is the process by which an Operator, either live or recorded, may identify the DA provider as being CLEC audibly and distinctly to the CLEC retail end user at the beginning of each DA call. CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC. For CLECs electing to purchase Directory Assistance service from AT&T, the CLEC may request either that AT&T brand the service in the CLEC's name, or that branding be "silent" (i.e., no name announcement), in accordance with the requirements of 47 C.F.R. 51.217(d). The Non-Recurring charges for loading the branded or silent announcement are set forth in the Pricing Schedule.
- 3.2 AT&T Directory Assistance operators will provide Directory Assistance Rate Information upon request to CLEC's end users. The AT&T DA Operators shall quote CLEC's retail OS/DA rates provided in the "Rate/Reference" input from the CLEC. If further inquiries are made about rates, billing and/or other "business office" questions, AT&T's OS/DA operators shall direct the calling party's inquiries to a CLEC-provided contact number (also in the "Rate/Reference" input from the CLEC). In all cases the rates and business office references quoted to the customer and those applied to the call will be CLEC's, and not AT&T. The Non-Recurring charges for loading the Rate/Reference inputs from CLEC are set forth in the Pricing Schedule.

4. RESPONSIBILITIES OF AT&T

- 4.1 AT&T will perform DA Service for CLEC in those exchanges where CLEC elects to purchase such services from AT&T.
- 4.2 AT&T will provide and maintain its own equipment to furnish DA Services, including equipment necessary for routing calls and signals to the AT&T serving office.
- 4.3 AT&T will provide DA Service to CLEC customers using current and updated DA records and in accordance with AT&T's current methods, practices, and procedures or as subsequently modified. Such DA Service shall be equivalent to that provided to AT&T end users, as documented in AT&T's tariffs, including permitting multiple end user queries per directory assistance call, where applicable.
- 4.4 AT&T will provide IntraLATA HNPA DA Service and intrastate IntraLATA FNPA DA Service to Customers who dial 1+411 or NPA+555-1212.
- 4.5 AT&T will include current CLEC customer listing information in AT&T's DA database.

5. PRICING

- 5.1 Rates to be charged to CLEC by AT&T for the DA Services provided pursuant to this Appendix are set forth in the Pricing Schedule. Where AT&T affords customers making calls to DA a monthly free call allowance, AT&T will afford CLEC's customers making calls to DA the same monthly free call allowance, and will not charge CLEC for such calls.

6. LIABILITY

- 6.1 Indemnification and limitation of liability provisions covering the matters addressed in this Appendix are contained in the General Terms and Conditions portion of the Agreement.

7. TERM OF APPENDIX

- 7.1 This Attachment will continue in force for the length of the Interconnection Agreement, but may be cancelled after no less than twelve (12) months of provision of service by AT&T. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever ever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to AT&T's DA services for a twelve month period, or anytime after CLEC has met the twelve (12) month period, CLEC may terminate use of AT&T DA services upon one hundred-twenty (120) days advance written notice to AT&T .
- 7.2 If CLEC terminates this Attachment prior to the expiration of the term of this Attachment, CLEC shall pay AT&T , within thirty (30) days of the issuance of any bills by AT&T , all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service (average of actual monthly service is based upon the most current three (3) months of service), provided by AT&T pursuant to this Attachment prior to the termination. However, if CLEC has fulfilled the twelve (12) month minimum service requirement, and provides one hundred-twenty (120) days notice, termination charges are not applicable.

APPENDIX OS-RESALE

AT&T OHIO-PROVIDED LOCAL & INTRALATA OPERATOR ASSISTANCE SERVICES

This Appendix OS-Resale to Attachment 1: Resale sets forth the terms and conditions under which AT&T agrees to provide local and intraLATA operator services (Operator Services) for CLEC, but only upon CLEC's request therefore. This Appendix applies only to operator assistance services provided within a LATA.

1. AT&T will provide the following three tiers of Operator Services:
 - 1.1 Fully-Automated Call Processing - Allows the caller to complete a call utilizing Automated Alternate Billing Service (AABS) equipment without the assistance of an AT&T Operator, hereafter called Operator. AABS allows the caller the option of completing calls through the AABS audio response system. AABS will be offered in areas where facilities exist and where AT&T has Automatic Number Identification (ANI) equipment and TOUCH-TONE service in place. AABS cannot be activated from a rotary telephone and failure or slow response by the caller to the audio prompts will bridge an Operator to the caller for further assistance. The called party must also have TOUCH-TONE service to accept calls that are billed collect.
 - 1.2 Semi-Automated - Allows the caller to complete a call by receiving partial assistance from an Operator or when AABS cannot be activated due to equipment limitations.
 - 1.3 Non-Automated - Allows the caller to complete a call by receiving full assistance from an Operator.
2. AT&T will provide to CLEC the call types in Sections 3.0 through 8.0 below:
3. **FULLY AUTOMATED COLLECT AND BILL TO THIRD NUMBER SERVICE** - This service is limited to those calls placed collect or billed to a third number. The caller dials 0 plus the telephone number desired, the service selection codes and/or billing information as instructed by the AABS equipment. The call is completed without the assistance of an Operator. This service may also include the following situations:
 - 3.1 The caller identifies himself or herself as disabled and gives the Operator the number to which the call is to be billed (either collect or third number).
 - 3.2 When due to trouble on the network or lack of service components, the automated call cannot be completed without assistance from an Operator.
 - 3.3 When an Operator reestablishes an interrupted call that meets any of the situations described in this Section.
 - 3.4 Fully Automated Calling Card Service - This service is provided when the caller dials zero ("0"), plus the desired telephone number and the calling card number to which the call is to be charged. The call is completed without the assistance of an Operator. An authorized calling card for the purpose of this Appendix is one for which AT&T can perform billing validation.
4. **SEMI-AUTOMATED STATION-TO-STATION** - This service is limited to those calls placed sent paid, collect or billed to a third number. The caller dials 0 plus the telephone number desired and the call is completed with the assistance of an Operator. This service may also include the following situations:
 - 4.1 Where the caller does not dial 0 prior to calling the number desired from a public or semi-public telephone, or from a telephone where the call is routed directly to an Operator (excluding calling card calls).
 - 4.2 When an Operator re-establishes an interrupted call that meets any of the situations described in this Section.

5. **SEMI-AUTOMATED PERSON-TO PERSON** - A service in which the caller dials 0 plus the telephone number desired and specifies to the Operator the particular person to be reached or a particular PBX station, department or office to be reached through a PBX attendant. This service applies even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. This service may also include:
 - 5.1 Where the caller does not dial a 0 prior to dialing the number from a public or semi-public telephone, or where the call is routed directly to an Operator.
 - 5.2 When an operator reestablishes an interrupted call that meets any of the situations described in this Section.
6. **OPERATOR HANDLED STATION-TO-STATION** - A service provided when the caller dials 0 to reach an Operator, and the Operator dials a sent paid, collect or third number station-to-station call. These calls may originate from a private, public or semi-public telephone. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
7. **OPERATOR HANDLED PERSON-TO-PERSON** - A service in which the caller dials 0 and requests the Operator to dial the number desired and the person, station, department or office to be reached. The call remains a person-to-person call even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
8. **OPERATOR TRANSFER SERVICE** - A service in which the caller dials 0 and requests to be connected to an interexchange carrier using an Operator's assistance. At the caller's request, the Operator transfers the call to an interexchange carrier participating in AT&T's Operator Transfer service offering. CLEC agrees to obtain all necessary compensation arrangements between CLEC and participating carriers.
9. **CALL BRANDING** - The process by which an Operator, either live or recorded, will identify the operator service provider as being CLEC's audibly and distinctly to the CLEC retail end user at the beginning of each OS call. In all cases, AT&T will brand OS call in CLEC's name. CLEC may request either that AT&T brand the service in the CLEC's name, or that branding be "silent" (i.e., no name announcement), in accordance with the requirements of 47 C.F.R. 51.217(d). Rates for CLEC branding, whether CLEC's name or silent, are located in the Appendix Pricing, Schedule of Prices.
 - 9.1 CLEC will provide AT&T with an Operator Services Questionnaire completed with the specific branding phrase to be used to identify CLEC or brand in silence at the CLECs request. The standard phrase will be consistent with the general form and content currently used by the CLEC in branding its respective services.
 - 9.2 AT&T Operator Services operators will provide Operator Services Rate Information upon request to CLEC's end users.
10. **OTHER OPERATOR ASSISTANCE SERVICES**
 - 10.1 **Line Status Verification** - A service in which the caller asks the Operator to determine the busy status of an access line.
 - 10.2 **Busy Line Interrupt** - A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. A Busy Line Interrupt charge will apply even if no conversation is in progress at the time of interrupt or the parties interrupted refuse to terminate the conversation in progress.
 - 10.3 **Handling of Emergency Calls to Operator** - AT&T agrees to process emergency calls from CLEC Resale customers to an Operator in the same manner that AT&T processes the same type of call for a AT&T end user customer.

- 10.4 Calling Card - Calls billed to an CLEC proprietary calling card (0+ or 0- access) will be routed via transfer to the CLEC operator.
- 10.5 Reference/Rater Information - are AT&T's databases referenced by an AT&T Operator for CLEC OS specific information as provided by the CLEC such as its business office, repair and OS rates.

11. RESPONSIBILITIES OF THE PARTIES

- 11.1 AT&T will provide and maintain such equipment as is required to furnish the Operator Services as described in this Appendix.
- 11.2 Facilities necessary for AT&T to provide Operator Services to CLEC will be provided by AT&T using standard trunk traffic engineering procedures to ensure that the objective grade of service is met.
- 11.3 CLEC will furnish all records required by AT&T to provide the Operator Services. Such records, or information, will include CLEC's rate quotation tables and any other information required by AT&T. CLEC will provide the initial data by a date mutually agreed to between CLEC and AT&T. CLEC will keep this data current using procedures mutually agreed to by CLEC and AT&T. CLEC will provide all data and changes to AT&T in the mutually agreed to format(s).
- 11.4 AT&T will accumulate and provide to CLEC data as specified in Attachments 4: Connectivity Billing-Resale and Attachment 5: Customer Usage Data-Resale to this Agreement as necessary for CLEC to verify traffic volumes and bill its end users.

12. METHODS AND PRACTICES

- 12.1 AT&T will provide Operator Services in accordance with the operator methods and practices in effect for AT&T at the time the call is made, unless otherwise agreed in writing by both Parties.

13. PRICING

- 13.1 Rates to be charged to CLEC by AT&T for the Operator Services provided pursuant to this Appendix are set forth elsewhere in the Pricing Schedule.

14. LIABILITY

- 14.1 Indemnification and limitation of liability provisions covering the matters addressed in this Appendix are contained in the General Terms and Conditions portion of the Agreement.

15. OPERATOR SERVICE (OS) REFERENCE/RATER INFORMATION

- 15.1 For AT&T's TOPs switches that serve the exchanges where CLEC elects to purchase Operator Services, CLEC must provide CLEC Rate/Reference Information to AT&T.
- 15.2 When an AT&T Operator receives a rate request from a CLEC retail end user, where technically feasible and available, AT&T will quote the applicable OS rates as provided by the CLEC.
- 15.3 CLEC must furnish OS Rate and Reference Information in accordance with the process outlined in the Operator Services Questionnaire (OSQ). CLEC will furnish to AT&T a completed OSQ thirty (30) calendar days in advance of the date when the OS Services are to be undertaken. In all cases, the rates quoted to the CLEC retail end user and those applied to the call will be the CLEC's.
- 15.4 In accordance with the procedures set forth in the OSQ, CLEC may either adopt its own set of rates and charges for OS service (Custom Rates), or elect to duplicate the AT&T's OS rates in effect at the time the OSQ is submitted ("Mirrored Rates"). In the event CLEC elects to use Custom Rates or AT&T Mirrored Rates, such rates and charges will be provided and or updated by CLEC via the OSQ and quoted by the AT&T Operator upon request of a caller from a CLEC-subscribed line. Once the CLEC's rates are loaded, if AT&T changes its rates, AT&T will not be responsible for updating CLEC's rates unless CLEC sends an update to its Reference/Rater information via the OSQ, pursuant to Section 15.5 below.

- 15.5 If CLEC utilizes Custom Rates and/or Mirror Rates, CLEC will inform AT&T, via the Operator Services Questionnaire (OSQ) of any changes to be made to such Rate/Reference Information fourteen (14) calendar days prior to the effective Rate/Reference change date. CLEC acknowledges that it is responsible to provide AT&T updated Rate/Reference Information in advance of when the Rate/Reference Information is to become effective.
- 15.6 An initial non-recurring charge will apply per state, per OCN, per TOPs switch for loading of CLEC's Custom or Mirrored OS Rate/Reference information. An additional non-recurring charge will apply per state, per OCN, per TOPs switch for each subsequent change to either the CLEC's Custom or Mirrored OS Rate or Reference information.

16. TERMS OF ATTACHMENT

- 16.1 This Attachment will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever ever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to AT&T OS services for a twelve month period, or anytime after CLEC has met the twelve (12) month period, CLEC may terminate use of AT&T DA services upon one hundred-twenty (120) days advance written notice to AT&T.
- 16.2 If CLEC terminates this Attachment prior to the expiration of the term of this Attachment, CLEC shall pay AT&T, within thirty (30) days of the issuance of any bills by AT&T, all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service (average of actual monthly service is based upon the most current three (3) months of service), provided by AT&T pursuant to this Attachment prior to the termination. However, if CLEC has fulfilled the twelve (12) month minimum service requirement, and provides one hundred-twenty days notice, termination charges are not applicable.

APPENDIX WHITE PAGES (WP) – RESALE

This Appendix White Pages - Resale (WP-Resale) to Attachment 1: Resale, sets forth AT&T's and CLEC's agreement to the following terms and conditions for the inclusion of CLEC Customer information associated with Resale services in the White Pages directories:

1. INTRODUCTION

- 1.1 AT&T publishes White Pages directories for geographic local service areas in which CLEC also provides local exchange telephone service in the same area(s), and CLEC wishes to include listings information for its customers in the appropriate AT&T White Pages directories.
- 1.2 CLEC also desires distribution to CLEC's customers of the White Pages directories that include listings of such customers.
- 1.3 AT&T will make available to CLEC, for these CLEC customers, nondiscriminatory access to White Pages directory listings (Directory Listings), as described in Section 2.0 of this Attachment.

2. SERVICE PROVIDED

- 2.1 AT&T will use the practices and procedures and the rules and regulations applicable to its provision of White Pages directories on a nondiscriminatory basis. AT&T will include in appropriate White Pages directories the primary alphabetical listings of all CLEC customers (other than non-published or non-list Customers) located within the local directory area. When CLEC provides its subscriber listing information to AT&T's listings database, CLEC will receive for its End User, one primary listing in AT&T's White Pages directory and a listing in AT&T's directory assistance database.
- 2.2 CLEC will furnish to AT&T subscriber listing information pertaining to CLEC customers located within the AT&T local directory area, along with such additional information as AT&T may require to prepare and print the alphabetical listings of said directory. AT&T will accept listing information from CLEC according to the manual and mechanized listing methods, procedures and ordering instructions provided via the CLEC Online website. CLEC agrees to submit listing information via the mechanized process within six (6) months of the effective date of this Attachment, or upon CLEC reaching a volume of two hundred (200) listing updates per day, whichever comes first. Notwithstanding the foregoing, CLEC may continue to manually submit directory listing information for complex caption sets with two (2) or greater degrees of indent. CLEC will submit listing information within three (3) Business Days of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the Directory Assistance database or the directory listing of a CLEC retail end users. AT&T shall process CLEC orders for updates to subscriber listing information within three (3) Business Days of receipt. CLEC must submit all listing information intended for publication by the directory close date. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates.
- 2.3 AT&T will include the listing information for CLEC's customers for Resale services in AT&T's White Pages directory database in the same manner as it includes listing information for AT&T's end user customers.
- 2.4 AT&T will provide, via the AT&T CLEC Online web site, the directory listing criteria, methods, procedures and ordering information to CLEC for White Pages listings and will provide changes to such criteria not later than thirty (30) days in advance of such changes becoming effective. This information will include, but not be limited to:
 - 2.4.1 Business rules for standard White Pages listings (e.g., space restrictions, non-listed and non-published listings, abbreviated listings, secondary, additional and foreign listings);

- 2.4.2 Business rules for residential Enhanced White Pages (e.g., bold, indent, italics) listings available.
- 2.5 Publication schedules for the White Pages: CLEC can access via the AT&T CLEC Online website, the directory close dates for areas where CLEC is providing local service. AT&T will provide directory schedule updates, including the directory schedule for a new calendar year, not later than thirty (30) calendar days prior such changes becoming effective.
- 2.6 CLEC's subscriber listings are to be interfiled (interspersed) with AT&T's and other LSPs' subscriber listings in the White Pages directory with no discernible differentiation in the listings to indicate to the reader that the listings are served by another LSP.
- 2.7 AT&T will deliver AT&T's White Pages directory to CLEC's End Users at no charge in the same manner and at the same time that they are delivered to AT&T's subscribers during the annual delivery of newly published directories.
- 2.8 AT&T has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's End Users subsequent to the annual distribution of newly published directories. CLEC may arrange for additional directory distribution services with AT&T's directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.
- 2.9 At its option, CLEC may purchase one (1) information pages (Customer Guide Pages) in the informational section of the AT&T White Pages directory covering the geographic area(s) it is serving. This page will be in alphabetical order with other local service providers and will be no different in style, size, color and format than AT&T information pages. CLEC will provide to AT&T, sixty (60) days prior to the directory close date, the information page(s) in camera ready format. AT&T will have the right to approve, and, with CLEC's agreement, AT&T may, but is not required to, revise the format and content of such information page(s). See Appendix Pricing, Schedule of Prices, for rates associated with the Information Page.
- 2.10 AT&T will include CLEC specific information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" information page, in alphabetical order along with other local service providers, at no charge. The space available to CLEC on such page will be minimum size of 4 column directories = 1 ½" by 3 1/8", 3 column directories = 2" by 3", 2 column directories = 1 1/5" by 2 1/5" or the equivalent size as other local service providers listed in the Local Service Alternatives section of the directory. In order to have such information published sixty (60) calendar days prior to directory close date, CLEC will provide AT&T the information to be published on the information page according to the instructions provided on AT&T CLEC Online website CLEC will be limited to a maximum of one representation of the "index type" information box in any single edition of a AT&T White Pages directory, under either this Subsection or Attachment 19: White Pages-Other to this Agreement).
- 2.11 AT&T will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the AT&T CLEC Online website. Upon request, AT&T will provide daily electronic directory listing verification via AT&T's White Page listing systems at no charge to CLEC. Each report will reflect CLEC subscriber directory listings successfully processed on the previous workday. Information for directory listing verification is located on the AT&T CLEC Online website.
- 2.12 In addition, at least sixty (60) calendar days prior to the business office close date for a particular directory, AT&T will provide CLEC, upon request, an electronic verification report, in directory appearance format, of all subscriber listings, containing the listing information that will appear in the directory. CLEC will make its request for this report at least eighty (80) days prior to the Business Office Close Date for a particular directory. AT&T will accept standing requests for this report on those White Page directories specified by CLEC.

- 2.13 In addition at least sixty (60) calendar days prior to the business office close date for a particular directory, AT&T will provide CLEC, upon request, a CLEC specific directory listing verification list. This verification list shall contain only CLEC's end users and shall be in electronic delimited text format or equivalent format that may be electronically searched and sorted. CLEC will make its request for this verification list at least eighty (80) days prior to the Business Office Close Date for a particular directory. CLEC will review this electronic verification list and will submit any necessary additions, deletions or modifications to AT&T via the appropriate directory listing correction process no less than thirty (30) days prior to the AT&T Business Office Close date for that directory, provided that AT&T made the electronic verification list available to CLEC in a timely manner as specified above.

3. OWNERSHIP AND USE OF SUBSCRIBER LISTING INFORMATION

- 3.1 Subscriber listing information for Resale services, maintained in AT&T's White Page database including listings of CLEC Customers, is and will remain the property of AT&T. AT&T may provide to Third Parties such subscriber listing information that includes CLEC Customers. Nothing in this Section is intended to preclude CLEC's independent development of subscriber listing information and provision of the same to Third Parties.

4. RATES

- 4.1 Rates associated with this Attachment are in the Price Schedule.
- 4.2 CLEC may purchase non-published, non-listed, foreign, enhanced or other listings in addition to the primary listing on a per listing basis and will pay AT&T amounts attributable to such listings used by its customers in accordance with the applicable AT&T tariff.

ATTACHMENT 2: MANUAL ORDERING AND PROVISIONING - RESALE

1. GENERAL REQUIREMENTS

- 1.1 Except as provided in Attachment 27: Operations Support System (OSS) AT&T will provide pre-order, ordering and provisioning services for manually submitted orders, conversion orders and/or manual migration orders associated with AT&T's Resale services under the Agreement pursuant to the requirements set forth in this Attachment.
- 1.2 For all Resale services ordered and submitted manually under the Agreement, AT&T will provide pre-order, ordering and provisioning services in parity to the services AT&T provides to its End Users.
- 1.3 AT&T will, and CLEC may, participate in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry guidelines for manual processing of pre-order to use the most current version of AT&T's (LSPOR) and for, ordering and provisioning to utilize the pursuant to the most current version of AT&T's Local Service Pre-Ordering Requirements (LSOR).
- 1.4 Neither Party waives any of its rights as participants in such forums in the implementation of the standards.
- 1.5 AT&T agrees to provide, the pre-service ordering information (i.e., address verification, telephone number assignment, and Customer Service Record information (CSR) in English, USOC and FID format subject to the most current version of the Local Service Pre-Ordering Requirements (AT&T's LSPOR) and the terms and conditions as set forth in Attachment Resale.
- 1.6 Pre-order, Ordering and Provisioning requests for Manual Migration and/or Conversion of Resale Services provided by AT&T to the CLEC, where the CLEC is not utilizing an electronic OSS interface, will be transmitted via facsimile to the CLEC's Local Service Center (LSC). In coordinating conversions or migrations, AT&T's LSC will respond to the CLEC's calls with the same level of service in which AT&T provides to its local exchange End Users.
- 1.7 Each Party will provide a Single Point of Contact (SPOC) for all ordering, status inquiries or escalation contacts (via an 800# to that Party's LSC or equivalent) between 8:00 A.M. C.S.T. to 5:30 P.M., C.S.T., Monday through Friday (except holidays).
- 1.8 AT&T will respond to emergency requests for after hours provisioning via the Local Ordering Center (LOC), at the hours specified at AT&T's CLEC Online website For each request AT&T will quote, within one (1) business day of the request, a cost-based rate for the number of hours and material estimated for such services. If CLEC accepts AT&T's quote, AT&T will perform such services to the Requesting Party in the same manner as it does for itself and will bill CLEC the Requesting Party for the actual hours worked and material used.
- 1.9 AT&T will provide CLEC with the same provisioning intervals and procedures for design and complex services that it provides to its customers End Users.
- 1.10 AT&T will provide a Layout Record Cards for designed or complex Resale services, upon request by the CLEC.
- 1.11 AT&T will provide to CLEC advanced information on the details and requirements for planning and implementation of NPA splits within its servicing area.
- 1.12 AT&T will provide a subset of the Street Address Guide (SAG), which includes street addresses and the associated serving switches, enabling CLEC to map a End User address to a specific serving switch via CDROM, its website or other mutually agreed upon methods.
- 1.13 Each Party will train its employees who have contact with the other Party or any other LSP not to discriminate or disparage against any LSP or LSP End User, including the Parties to this Agreement.

- 1.14 AT&T will, and CLEC may, participate in the CLEC User Forum to share issues and address concerns regarding processes which impact the Parties. The CLEC User Forum is the primary process for each Party to address non-OSS issues that impact the daily business practices of multiple LECs. The Account Manager is the primary contact for each Party to address non-OSS issues that impact the daily business practices for a specified LEC.
- 1.15 AT&T and CLEC will work cooperatively regarding fraud and service annoyance call handling.
- 1.16 All misdirected calls from CLEC's End Users will be given a recording (or a live statement) directing them to call their local provider. To the extent procedures change such that End Users become identifiable, such End Users will be directed to call CLEC at a designated 800 number. CLEC and AT&T will agree on the scripts to be used for this purpose.
- 1.17 AT&T's LSC or equivalent will provide coordination support for all designed and/or complex Resale services provided to CLEC. Services for which such support is to be provided include, without limitation, Data Services, Voice Grade Private Line, and ISDN PRI and BRI.
- 1.18 AT&T will provide CLEC, upon request and not more than once per quarter, an electronic compare file that will contain the subscriber information stored in the AT&T 9-1-1 database for End Users served by CLEC through resale. CLEC may request that electronic compare files be provided for all of CLEC's resale End User accounts in Ohio (sorted by NPA), or by specific NPA. At CLEC's option, AT&T will provide the electronic compare file on diskette, or by e-mail to CLEC. The compare file will be created in accordance with NENA standards on data exchange. Requests for electronic compare files will be processed by AT&T within 14 days of receipt of CLEC's request. CLEC will review the electronic compare file(s) for accuracy, and submit any necessary corrections to AT&T via the appropriate 911 listing correction process. Should CLEC wish to obtain the 911 compare file more frequently than once per quarter, terms and conditions for such additional access will be mutually agreed by the Parties.

2. PRE-ORDER AND ORDERING REQUIREMENTS

- 2.1 AT&T will provide to CLEC a Firm Order Confirmation (FOC), service completion, and other provisioning data and information.
- 2.2 Absent Ohio Commission ruling on migration activity. For migration activity, in response to a CLEC's CSR (Customer Service Request) AT&T will provide End User information, including End User name, billing address and residence or business address, billed telephone numbers and features and services available in the end office where the End User is provisioned. Also, AT&T will:
 - 2.2.1 Identify features and services to which the End User subscribes. CLEC agrees that its representatives will not access the information specified in this Subsection unless CLEC has obtained an authorization for release of CPNI;
 - 2.2.2 AT&T will assign a telephone number (if the End User does not have one assigned). Reservation and aging of these numbers remain AT&T's responsibility.
 - 2.2.3 Perform address verification.
 - 2.2.4 Determine if a service call is needed to install the line or service;
 - 2.2.5 Provide service availability dates to the customer;
 - 2.2.6 Provide information regarding the dispatch/installation schedule, if applicable; and
 - 2.2.7 Provide PIC options for intraLATA toll and interLATA toll.
- 2.3 All CSR data exchanged must include English, USOC and FID format.

3. ORDERING REQUIREMENTS

- 3.1 Pursuant to Attachment 1 Resale and upon CLEC's request through a non-vacation Suspend/Restore order, AT&T will suspend or restore the functionality of any applicable Resale service, where technically feasible and in parity with AT&T's End Users.
- 3.2 For the purposes of ordering service furnished under this Attachment, each request for new service (that is, service not currently being provided to the End User on the other Party's network, without regard to the identity of that End User's non-facilities based local service provider of record) shall be handled as a separate initial request for service and shall be charged per billable telephone number. Applicable service order charges and/or non-recurring charges associated with said new service will be applied as set forth in the Pricing Schedule.
- 3.3 Where available, the tariff retail additional line rate for Service Order Charges shall apply only to those requests for additional residential service to be provided at the same End User premises to which a residential line is currently provided on AT&T's network, without regard to the identity of that End User's non-facilities based local service provider of record.
- 3.4 When a CLEC End User converts existing service to another local service provider's resold service of the same type without any additions or changes (including any change to the PIC and/or LPIC), charges for such conversion will apply as set forth in the Pricing Schedule and are applied per billable telephone number.
- 3.5 AT&T will provide to CLEC the functionality of blocking calls (e.g., 900, 976, international calls, and third party or collect calls) by line or trunk on an individual switching element basis, to the extent that AT&T provides such blocking capabilities to its End Users and to the extent required by law.
- 3.6 When ordering a Resale service, CLEC may order from AT&T separate interLATA and intraLATA service providers (i.e., two PICs, when available) on a line or trunk basis and agrees to pay the applicable charges associated with such order as discussed in Attachment 1, Resale. AT&T will accept PIC change orders for intraLATA toll and long distance services.
- 3.7 When CLEC submits migration orders for a Resale service, all pre-assigned trunk or telephone numbers currently associated with that service will be retained without loss of switch feature capability and without loss of associated Ancillary Functions, including, but not limited to, Directory Assistance and E911 capability. To the extent such losses occur, the Parties will work cooperatively to resolve such occurrence(s).
- 3.8 When AT&T converts a CLEC End User's existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes, including changes to PIC and LPIC, will be applied in addition to the conversion charge. CLEC will receive a wholesale discount on all non-recurring service order charges for the services listed in Pricing Schedule; no wholesale discount is available for the non-recurring service order charges for those services listed in Pricing Schedule under the heading "OTHER (Resale)."
- 3.9 AT&T will provide standard provisioning intervals for all Resale services.
- 3.10 AT&T will update the E911 service provider information and establish directory listings, including all information appropriate for residential or business listings and foreign listings, from CLEC's service order. AT&T will use a mechanized process to ensure that AT&T's directory listing, 911 and LIDB information for the End User is not deleted during the process of converting that End User to resold service provided by a CLEC.

4. PROVISIONING REQUIREMENTS

- 4.1 Except in the event of the migration of an End User's service, only the provider of record can make changes to that End User's service.
- 4.2 Upon request from CLEC, AT&T will provide an intercept referral message that includes any new telephone number of CLEC End User for the same period of time that AT&T provides such messages for its own End Users. CLEC and AT&T will agree on the message to be used, which will be similar in format to the intercept referral message currently provided by AT&T for its own End Users.
- 4.3 AT&T will provide CLEC with a Firm Order Confirmation (FOC) for each order (multiple Working Telephone Numbers (WTNs) may be included on one order). The FOC will contain but is not necessarily limited to: purchase order number, telephone number, Local Service Request number, Due Date (DD), Service Order number.
- 4.4 Upon work completion, AT&T will provide CLEC an SOC (Service Order Completion) notice via facsimile or other mutually agreed upon method.
- 4.5 Where available, AT&T will perform pre-testing for support of Complex Resale Services and will, upon request, provide all test and turn up results in support of said pre-testing via facsimile or as mutually agreed upon by the Parties.
- 4.6 As soon as identified, AT&T will provide CLEC any reject error notifications via facsimile or other method agreed upon by the Parties.
- 4.7 When available, AT&T will provide CLEC notice when AT&T's committed Due Date (DD) is in jeopardy of not being met by AT&T on any Resale service via facsimile or other method as mutually agreed upon by the Parties. When available, AT&T will concurrently provide the revised DD via facsimile or other method as agreed upon by the Parties.
- 4.8 When a AT&T employee visits the premises of a CLEC End User, the AT&T employee must inform the End User that he or she is there acting on behalf of their local service provider. Materials left at the End User premises (e.g., a door hanger notifying the End User of the service visit) must also inform the End User that AT&T was on their premises acting on behalf of their local service provider.
- 4.9 AT&T technicians will direct CLEC End User to contact their local service provider if a CLEC End User requests a change in service at the time of installation.
- 4.10 AT&T will provide via facsimile or as otherwise agreed upon by the Parties, notification of any additional charges, including but not limited to, labor, expedited charges, engineering and proprietary requests associated with a given service. AT&T will provide via facsimile, or as otherwise agreed upon by the Parties, notification of any additional charges associated with a given service including required construction charges for a given service. When construction is involved, AT&T will obtain the CLEC's approval prior to commencing construction under a CLEC's order for such service. Rates associated with this Section will be applied in parity to AT&T's Resale tariffs, or as mutually agreed to by the Parties.

5. ORDER FORMAT AND DATA ELEMENTS FOR RESALE SERVICE

- 5.1 When ordering Resale services, CLEC will use AT&T's most current version of the LSOR.
- 5.2 Order format specifications for all migration and/or conversion of Resale services available to be ordered and all End User data required will be made available by AT&T to the CLEC, pursuant to AT&T's most current version of the AT&T LSOR, which will be made available via the AT&T website or as otherwise mutually agreed upon by the Parties.
- 5.3 Appropriate ordering and provisioning codes to be used for each Resale service available to be ordered will be made available by AT&T to CLEC, pursuant to the AT&T's most current version of the AT&T

LSOR, which will be made available via the AT&T website or as otherwise mutually agreed upon by the Parties.

6. ORDER DUE DATE

- 6.1 When CLEC places an order, AT&T will specify a Desired Due Date (DDD) and AT&T will specify a due date (DD) based on the available intervals. In the event AT&T DD is less than the standard interval, the service order will be assigned a DD using the applicable interval. Rates associated with a change in an order DD are identified in the Appendix Pricing Schedule of Prices.
- 6.2 If expedited service is requested, CLEC will populate the Expedite and Expedite Reason on the request. AT&T will contact the CLEC and the Parties will jointly negotiate an expedited DD. This situation will be considered an expedited order. Rates for expedited DDs and changes to the expedited DDs will apply as reflected in AT&T's Appendix Pricing, Schedule of Prices labeled "Service Order Charges Unbundled Element Expedited." AT&T will not complete the order prior to the DD or later than the DD unless authorized by the CLEC.

7. INTENTIONALLY LEFT BLANK

8. CHARGING FOR PROCESSING OF REQUESTS FOR RESOLD SERVICES

- 8.1 When a CLEC End User(s) subscribes to resold service, recurring charges for the service shall apply at the wholesale discount set forth in Appendix Pricing Schedule of Prices. The tariff rates for such resold service shall continue to be subject to orders of the appropriate Commission.
- 8.2 When CLEC converts an End User's existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes, including changes to PIC and LPIC, will be applied in addition to the conversion charge. CLEC will receive a wholesale discount on all non-recurring service order charges for the services listed in Appendix Pricing under the heading "Resale"; no wholesale discount is available for the non-recurring service order charges for those services listed in Pricing Schedule under the heading "OTHER (Resale)."

ATTACHMENT 3: MAINTENANCE - RESALE

1. GENERAL REQUIREMENTS

- 1.1 AT&T will provide repair, maintenance and testing, for all Resale services in accordance with the terms and conditions of this Attachment.

2. MAINTENANCE REQUIREMENTS

- 2.1 AT&T will provide maintenance for all Resale services ordered under this Agreement at levels equal to the maintenance provided by AT&T in serving its End User, and will meet the requirements set forth in this Attachment. Such maintenance requirements will include, without limitation, those applicable to testing and network management.

3. REPAIR SERVICE RESPONSE

- 3.1 AT&T's technicians will provide repair service that is at least equal in quality to that provided to AT&T's End Users; trouble calls from CLEC will receive response time and priorities that are at least equal to that of AT&T's End Users. CLEC and AT&T agree to use the severity and priority restoration guidelines set forth in AT&T MMP 94-08-001 dated April 1996, and as subsequently modified.

4. INTERCOMPANY COMMUNICATIONS

- 4.1 AT&T Event Notification Process, a Network Event is any condition that occurs in the network that causes blocked calls associated with inter-office message traffic, managed by the Network Management Service Center ("NMSC") will utilize the CLEC's Network Management Center ("NMC") or other CLEC identified contacts listed in the "AT&T 13-STATE CLEC Profile" (Section 7, Contact Names) as the Single Point of Contact to notify CLEC of the existence, location, and source of all emergency network outages affecting a CLEC End User. Notification will be sent via e-mail, as designated in the CLEC Profile. The CLEC Customer Network Service Center ("CNSC") or the CLEC NMC may call the AT&T Local Operation Center (LOC) in order to discuss scheduled activities that may impact CLEC End Users. For purposes of this subsection, an emergency network outage is defined as 5,000 or more blocked call attempts in a ten (10) minute period, in a single exchange.

5. EMERGENCY RESTORATION

- 5.1 AT&T NMSC will notify the CLEC via the Event Notification Process of activities involving the central office and inter-office network. Additionally, as cable cuts or failures are identified when the CLEC reports trouble to the LOC, the LOC will notify the affected CLEC;
 - 5.1.1 Establishment of the AT&T LOC as the single point of contact to provide CLEC with information relating to the status of restoration efforts and problem resolution during the Resale services restoration process.
 - 5.1.2 Methods and procedures for reprovisioning of all Resale services after initial restoration. AT&T agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with AT&T TSP services for restoration. AT&T will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services.

6. MISDIRECTED REPAIR CALLS

- 6.1 All misdirected repair calls to AT&T from CLEC End Users will be given a recording (or live statement) directing them to call the number designated by CLEC. Scripts used by AT&T will refer CLEC End Users (in both English and Spanish when available) to the CLEC 800 number in the CLEC CNSC. All calls to 611 in AT&T's territory will continue to receive a standardized vacant code announcement (i.e., a

recording specifying the number dialed is not valid) for all End Users. CLEC on a reciprocal basis will refer all misdirected repair calls that CLEC receives for AT&T End Users to a AT&T designated number.

7. REPAIR PROCEDURES

7.1 AT&T agrees to the following:

- 7.1.1 The AT&T LOC will be on-line and operational twenty-four (24) hours per day, seven (7) days per week. CLEC will provide a single point of contact (SPOC) for all of CLEC's maintenance applicable to this Agreement (via an 800 number) 24 hours per day, seven (7) days a week.
- 7.1.2 While in manual mode operation, AT&T will provide CLEC "estimated time to restore." Upon request, AT&T's LOC will provide CLEC status of missed repair commitments. When the trouble ticket commitment time occurs and the trouble ticket has not been closed, additional status will be provided at the CLEC's request. The original trouble commitment will not be changed due to possible loss of priority for that End User. All missed appointments (e.g., vendor meets) will be handled in the same way. See Attachment 27 OSS for any electronic processing. The status of all other tickets will be given to the CLEC CNSC through the fax of a daily log (faxed the next morning to CLEC CNSC by 8 a.m. Central Time Zone) or another agreed upon method and will include all "closed tickets" from the previous day (including No Access and closed troubles).
- 7.1.3 Notice of emergency network outages, as defined in this Attachment, will be provided to the CLEC CNMC within one (1) hour.
- 7.1.4 Performance measurements will be measured and reported to CLEC. The CLEC may request service improvement meetings with AT&T if the quality of service provided to CLEC End Users based on these measurements is less than that provided to AT&T End Users. See Attachment 17 Performance Measurements.
- 7.1.5 For purposes of this Section, a Resale service is considered restored or a trouble resolved when the quality of a Resale service is equal to that provided before the outage or the trouble occurred.

8. ESCALATION PROCEDURES

- 8.1 AT&T will provide CLEC with written escalation procedures for maintenance resolution to be followed if, in CLEC's judgment, any individual trouble ticket or tickets are not resolved in a timely manner. The escalation procedures to be provided hereunder shall include names and telephone numbers of AT&T management personnel who are responsible for maintenance issues. CLEC acknowledges that LOC escalation contact list found on CLEC Online meets the requirements of this Section.

9. PREMISES VISIT PROCEDURES

- 9.1 AT&T Maintenance of Service Charges, when applicable, will be billed by AT&T to CLEC, and not to CLEC's End Users.
 - 9.1.1 Dispatching of AT&T technicians to CLEC End User premises shall be accomplished by AT&T pursuant to a request received from CLEC. Additionally, dispatching of AT&T technicians may occur when AT&T detects network trouble during routine maintenance.
 - 9.1.2 When a AT&T employee visits the premises of a CLEC local End User, the AT&T employee must inform the End User that he or she is there acting on behalf of their local service provider. Materials left at the End User premises (e.g., a door hanger notifying the End User of the service visit) must also inform the End User that AT&T was on their premises acting on behalf of their local service provider.
 - 9.1.3 If a trouble cannot be cleared without access to CLEC's local End User's premises and the End User is not at home, the AT&T technician will leave at the End User's premises a non-branded "no access" card requesting the End User to call their local service provider for rescheduling of repair.

10. NEWCIRCUIT TESTING

- 10.1 AT&T will perform testing (including trouble shooting to isolate any problems) of Resale services purchased by CLEC in order to identify any new circuit failure performance problems. CLEC will utilize routine maintenance procedures for reporting troubles.

11. MLT TESTING

- 11.1 AT&T agrees to provide access to MLT testing to allow CLEC to test its end user lines for resold AT&T's services. AT&T will make MLT testing functionality available through AT&T's Toolbar Trouble Administration to allow CLEC to test its end-user lines for resold AT&T's POTS services.

ATTACHMENT 4: CONNECTIVITY BILLING - RESALE

1. GENERAL

This Attachment 4: Connectivity Billing-Resale describes the requirements for AT&T to bill all charges CLEC incurs for purchasing Resale services.

2. BILLABLE INFORMATION AND CHARGES

- 2.1 In accordance with this Agreement, AT&T will bill those charges CLEC incurs as a result of CLEC purchasing Resale services from AT&T (hereinafter "Connectivity Charges"). Each bill for Connectivity Charges (hereinafter "Connectivity Bill") will be formatted in accordance with EDI for Resale services. AT&T will assist CLEC with EDI mapping. Each Billing Account Number (BAN) will be sufficient to enable CLEC to identify the Resale services ordered by CLEC to which Connectivity Charges apply. Each Connectivity Bill, including Auxiliary Service Information, will set forth the quantity and description of Resale services provided and billed to CLEC.
- 2.2 AT&T will provide CLEC a monthly Connectivity Bill that includes all Connectivity Charges incurred by and credits and/or adjustments due to CLEC for those Resale services ordered, established, utilized, discontinued or performed pursuant to this Agreement. Each Connectivity Bill, including Auxiliary Service Information, provided by AT&T to CLEC will include: (1) all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date; (2) any known unbilled non-usage sensitive charges for prior periods; (3) unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date; (4) any known unbilled usage sensitive charges for prior periods; (5) any known unbilled adjustments; and (6) any Customer Service Record (CSR) for all flat-rated charges.
- 2.3 The Bill Date, as defined herein, must be present on each bill transmitted by AT&T to CLEC. Connectivity Bills will not be rendered for any Connectivity Charges which are incurred under this Agreement on or before one (1) year preceding the Bill Date.
- 2.4 Each Party will provide the other Party at no charge a contact person for the handling of any Connectivity Billing questions or problems that may arise during the implementation and performance of the terms and conditions of this Attachment 4: Connectivity Billing - Resale.
- 2.5 AT&T will assign to CLEC one Billing Account Number (BAN) per Regional Accounting Office (RAO) for consumer and one BAN per RAO for business.

3. ISSUANCE OF CONNECTIVITY BILLS - GENERAL

- 3.1 AT&T will issue all Connectivity Bills in accordance with the terms and conditions set forth in this Section. AT&T will establish monthly billing dates (Bill Date) for each BAN, , which Bill Date will be the same date month to month. Each BAN will be provided in 13 alpha/numeric characters and will remain constant from month to month, unless changed as agreed to by the Parties. Each Party will provide the other Party at least thirty (30) calendar day's written notice prior to changing, adding or deleting a BAN. The Parties will provide one Connectivity Billing invoice associated with each BAN. Multiple BANs for each Regional Accounting Office (RAO) will be provided as part of a single EDI transmission. All Connectivity Bills must be received by CLEC no later than ten (10) calendar days from Bill Date and at least twenty (20) calendar days prior to the payment due date (as described in this Attachment 4: Connectivity Billing - Resale), whichever is earlier. Any Connectivity Bill received on a Saturday, Sunday or a day designated as a holiday as set forth on AT&T's CLEC Online website will be deemed received the next business day. If CLEC fails to receive Connectivity Billing data and information within the time period specified above, the payment due date will be extended by the number of days the Connectivity Bill is late.

- 3.2 If CLEC requests an additional copy(ies) of a bill, CLEC will pay AT&T a reasonable fee per additional bill copy, unless such copy(ies) was requested due to errors, omissions, or corrections or the failure of the original transmission to comply with the specifications set forth in this Agreement.
- 3.3 To avoid transmission failures or the receipt of Connectivity Billing information that cannot be processed, the Parties will provide each other with their respective process specifications and edit requirements. CLEC will provide AT&T reasonable (within 24 hours) notice if a Connectivity Billing transmission is received that does not meet the specifications in this Attachment. Such transmission will be corrected and resubmitted to CLEC at AT&T's sole expense, in a form that can be processed. The payment due date for such resubmitted transmissions will be twenty (20) days from the date that the transmission is received in a form that can be processed and that meets the specifications set forth in this Attachment 4: Connectivity Billing - Resale.

4. ELECTRONIC TRANSMISSIONS

- 4.1 AT&T will electronically transmit Connectivity Billing information and data for Resale services in the appropriate EDI format via Connect: Direct as outlined in AT&T's Electronic Commerce Customer Guide dated May 1995, or as the Parties may otherwise agree. The Parties agree that a T1.5 or 56kb circuit to the gateway for Connect: Direct is required. If AT&T has an established Connect: Direct link with CLEC, that link can be used for data transmission if the location and applications are the same for the existing link. Otherwise, a new link for data transmission must be established. AT&T and CLEC will provide each other appropriate Connect: Direct Node IDs. Any change to either Party's Connect: Direct Node IDs must be sent to the other Party no later than twenty-one (21) calendar days before the change takes effect.

5. TAPE OR PAPER TRANSMISSIONS

- 5.1 In the event either Party does not have Connect: Direct capabilities upon the Effective Date of this Agreement, such Party agrees to establish Connect: Direct transmission capabilities with the other Party within the time period mutually agreed and at the establishing Party's expense. Until such time, the Parties will transmit billing information to each other via magnetic tape or paper (as agreed to by CLEC and AT&T). Connectivity billing information and data for payment contained on magnetic tapes or paper will be sent to the Parties at the mutually agreeable locations. The Parties acknowledge that all tapes transmitted to the other Party via U.S. Mail or Overnight Delivery and which contain Connectivity Billing data will not be returned to the sending Party. The Parties will develop the format for paper or tape transmission as part of the implementation process.

6. TESTING REQUIREMENTS

- 6.1 To the extent required by the Public Utilities Commission of Ohio at least ninety (90) days prior to AT&T sending CLEC a mechanized Connectivity Bill for the first time via electronic transmission, or tape, or at least 30 days prior to changing mechanized formats, AT&T will send to CLEC Connectivity Bill data in the appropriate mechanized format for testing to ensure that the bills can be processed and that the bills comply with the requirements of this Attachment 4: Connectivity Billing - Resale. The Parties will mutually agree to develop a testing process to ensure the accurate transmission of the Connectivity Bill. When AT&T meets mutually agreed testing specifications, AT&T may begin sending CLEC mechanized Connectivity Bills on the next Bill Date, or within ten (10) days, whichever is later.

7. ADDITIONAL REQUIREMENTS

- 7.1 AT&T agrees that if it transmits data to CLEC in a mechanized format, AT&T will also comply with the following specifications which are not contained in OBF-ETB guidelines but which are necessary for CLEC to process Connectivity Billing information and data:
 - a) The BAN shall not contain embedded spaces or low values;

- b) The Bill Date shall not contain spaces or non-numeric values;
- c) Each Connectivity Bill must contain at least one detail record;
- d) Any "From" Date should be less than the associated "Thru" Date and neither date can contain spaces.

8. BILL ACCURACY CERTIFICATION

- 8.1 To the extent required by the Public Utilities Commission of Ohio, the Parties agree that in order to ensure the proper performance and integrity of the entire Connectivity Billing process, AT&T will develop the processes and methodologies required for Resale services bill certification.

9. PAYMENT OF CHARGES

- 9.1 Payment shall be subject to the terms of the General Terms and Conditions of this Agreement.

10. EXAMINATION OF RECORDS

- 10.1 Without waiver of and in addition to the Audit rights in the General part of this Agreement, upon reasonable notice and at reasonable times, CLEC or its authorized representatives may examine AT&T's documents, systems, records and procedures which relate to the billing of the Connectivity Charges to CLEC under this Attachment 4: Connectivity Billing - Resale.

ATTACHMENT 5: PROVISION OF CUSTOMER USAGE DATA - RESALE

1. INTRODUCTION

- 1.1 This Attachment sets forth the terms and conditions for AT&T's provision of Usage Data (as defined in this Attachment) to CLEC. Usage Data will be provided by AT&T to CLEC when CLEC purchases Resale services from AT&T.

2. GENERAL REQUIREMENTS FOR USAGE DATA

- 2.1 AT&T's provision of Usage Data to CLEC will be in accordance with performance metrics as reported on CLEC Online. AT&T's performance based on such performance metrics will be measured and reported at the time CLEC begins providing local service to customers but the AT&T's provision of Usage Data will not be required to meet such performance metrics until six months after CLEC begins providing local services to customers
- 2.2 AT&T will retain Usage Data in accordance with the AT&T Daily Usage File User's Guide available on AT&T's CLEC Online website subject to applicable laws and regulations.

3. USAGE DATA SPECIFICATIONS

- 3.1 AT&T will provide usage data for CLEC Customers using AT&T provided Resale services. Usage Data includes, but is not limited to, the following categories of information:
- a) Completed calls;
 - b) Use of CLASS/LASS/Custom Features;
 - c) Calls to Directory Assistance where AT&T provides such service to an CLEC customer;
 - d) Calls completed via AT&T - provided Operator Services where AT&T provides such service to CLEC's Local Service customer;
 - e) Station level detail for AT&T - provided PLEXAR® families of services;
 - f) Complete call detail and complete timing information for Resale services.
- 3.2 AT&T will provide Usage Data for completed calls only for service offerings that AT&T records. (e.g., Local Measured Services)
- 3.3 CLEC is responsible for payment of 976 intraLATA information service revenue billed to CLEC by AT&T.
- 3.4 The Parties agree to follow established settlement procedures to permit CLEC to receive adjustments from AT&T for amounts CLEC customers refuse to pay for 976 service charges forwarded by AT&T to CLEC for billing.

4. USAGE DATA FORMAT

- 4.1 AT&T will provide Usage Data in the Alliance for Telecommunications Industry Solutions (ATIS) Ordering and Billing Forum (OBF) Exchange Message Interface (EMI) format and by category, group and record type, as specified in the AT&T Daily Usage File User's Guide or as otherwise mutually agreed to by the Parties.
- 4.2 AT&T will include the Working Telephone Number (WTN) of the call originator on each EMI call record, when available.
- 4.3 End user customer usage records and station level detail records will be in packs in accordance with EMI standards.

5. USAGE DATA REQUIREMENTS

- 5.1 AT&T will pack and organize the Usage Data according to EMI guidelines.
- 5.2 AT&T will provide Usage Data for Resale services to a CLEC locations as agreed to by the Parties.

- 5.3 AT&T will transmit formatted Usage Data to CLEC via CONNECT: Direct or as otherwise agreed to by the Parties.
- 5.4 CLEC and AT&T will test and certify the CONNECT:Direct interface to ensure the accurate transmission of Usage Data.
- 5.5 AT&T will provide Usage Data to CLEC daily (normally Monday through Friday cycles). Holiday exceptions are listed in the AT&T Daily Usage File User's Guide.
- 5.6 AT&T will establish a single point of contact to respond to CLEC call usage, data error, and record transmission inquiries.

6. ALTERNATIVELY BILLED CALLS

- 6.1 Calls that are placed using the services of AT&T or another LEC or LSP and billed to a Resale service line of CLEC are called "Incollects." Calls that are placed using CLEC Resale service and billed to a AT&T line or other LEC or LSP are called "Outcollects."
- 6.2 Outcollects: AT&T will provide to CLEC the unrated message detail that originates from a CLEC subscriber line but which is billed to a telephone number other than the originating number (e.g., calling card, bill-to-third number, etc.) (Outcollects). AT&T will transmit such data to CLEC via the DUF on a daily basis. CLEC as the LSP will be deemed the earning company and will be responsible for rating the message at CLEC tariffed rates and CLEC will be responsible for providing the billing message detail to the billing company for end-user billing. CLEC will pay to AT&T a per message charge, as specified in the Appendix Pricing Schedule of Prices, for AT&T's transmission of outcollect messages to CLEC. CLEC will be compensated by the billing company for the revenue it is due. In addition, CLEC will compensate AT&T for the receipt of the intraLATA toll message in accordance with Attachment 1: Resale of this Agreement.
- 6.3 Incollects: AT&T will provide the rated messages it receives from the CMDS1 network to CLEC for billing to CLEC's end-users associated with messages that originate from a number other than the billing number and that are billable to CLEC customers ("Incollects"). AT&T will transmit such data to CLEC via the DUF on a daily basis. AT&T will credit CLEC the Billing and Collection (B&C) fee, as specified in the Appendix Pricing Schedule of Prices, per billed message for billing the Incollects. CLEC will pay to AT&T a per message charge for AT&T transmission of incollect messages to CLEC.

7. PRICING

- 7.1 AT&T will bill and CLEC will pay the applicable charges for Usage Data set forth in the Pricing Schedule this Agreement. Billing and payment will be in accordance with the applicable terms and conditions set forth in this Agreement.

ATTACHMENT 6: UNBUNDLED NETWORK ELEMENTS

1. INTRODUCTION

This Attachment 6: Unbundled Network Elements to the Agreement sets forth the Unbundled Network Elements that AT&T agrees to offer to CLEC. The specific terms and conditions that apply to the Unbundled Network Elements are described below. The price for each Network Element is set forth in the Pricing Schedule, attached hereto. Unless the context clearly indicates otherwise, the terms "Unbundled Network Elements" (with or without initial caps) and "UNEs" mean only such elements required to be unbundled under Section 251(c)(3) of the Act.

1.1 Subject to Section 1.7 of the General Terms and Conditions of this Agreement, AT&T shall provide Unbundled Network Elements under the following terms and conditions in this Attachment UNE.

1.2 UNEs, and Declassification

1.2.1 As a result of the FCC's Triennial Review Order, certain Unbundled Network Elements were removed from the FCC's list of Section 251 Unbundled Network Elements ("Declassified") because the FCC concluded that CLECs were unimpaired by the unavailability of these network elements as UNEs under Section 251 of the Act. In addition, the FCC determined that CLECs would have access to certain elements as Unbundled Network Elements under Section 251 only under certain circumstances, and further directed the state commissions to determine whether CLECs are impaired without access to local switching as a UNE under Section 251 in particular geographic market areas and impaired without access to certain loops and transport routes as UNEs under Section 251. The D.C. Circuit in USTA II vacated portions of the FCC's decisions in the TRO, and vacated and remanded other portions of the TRO. At the time the parties are negotiating this Agreement, the FCC has issued permanent UNE rules under Section 251 in response to the D.C. Circuit's vacatur and remand. The permanent UNE rules implement a transition process for certain network elements that no longer will be UNEs under Section 251 and provide that other network elements will not be UNEs under Section 251, either in total, or in certain locations. As a result, the Parties have determined it is appropriate to establish a process in this Agreement to address Declassified UNEs.

1.2.2 In this Attachment UNE and Agreement, the terms "Declassified" or "Declassification" mean the situation where AT&T is not required, or is no longer required, to provide a network element on an unbundled basis pursuant to Section 251(c)(3) of the Act as a result of the issuance of a finding by the FCC that requesting Telecommunications Carriers are not impaired without access to a particular network element on an unbundled basis.

1.2.3 Intentionally Left Blank.

1.2.4 Notwithstanding any other provision of this Agreement or any Amendment to this Agreement, including but not limited to intervening law, change in law or other substantively similar provision in the Agreement or any Amendment, if an element described as an unbundled network element or UNE in this Agreement is Declassified or is otherwise no longer required to be unbundled under Section 251(c)(3) of the Act, as determined by effective FCC rules and associated effective FCC and judicial orders, then the Transition Procedure defined in Section 1.2.5, below, shall govern.

1.2.5 Transition Procedure for UNEs that are Declassified during the Term of the Agreement

1.2.5.1 Sections 4.7.1.1, 4.7.1.2, 5.3.2, 10.10.1 and 10.10.2 below set forth the consequences for Declassification of DS1 and DS3 Loops, DS1 and DS3 Transport and Dark Fiber Transport, where applicable "caps" are met, or where Declassification occurs because wire centers/routes meet the criteria set forth in the FCC's TRO Remand Order.

1.2.6 Intentionally Left Blank.

1.2.7 Transition Plans for Network Elements that No Longer Are UNEs Under Section 251

1.2.7.1 The FCC in the TRO Remand Order determined that certain network elements no longer will be required to be unbundled under Section 251, but also found that these elements must continue to be made available to CLECs for a specified period of time to enable CLECs to serve their embedded customer base and effect an orderly transition away from these Declassified UNEs. The FCC's transition plans apply to the following unbundled network elements: high-capacity loops and high-capacity transport in certain locations, to dark fiber transport and to mass-market unbundled local circuit switching and UNE-P. For purposes of implementing these transition plans, CLEC's "embedded customer base" is defined as (1) business entities, including corporations, limited liability companies, partnerships, sole proprietorships, cooperatives and other entities; (2) governmental and non-profit organizations; and (3) residential customers that had executed a valid contract or service order or were subscribed to CLEC's services as of March 11, 2005. The terms and conditions for implementing the transition plans described in the TRO Remand Order are set out in detail for each of the affected network elements in subsequent sections of the Attachment.

2. GENERAL TERMS AND CONDITIONS

2.1 This Attachment sets forth the terms and conditions pursuant to which AT&T agrees to provide CLEC with access to Unbundled Network Elements under Section 251(c)(3) of the Act in AT&T's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that AT&T is only obligated to provide UNEs and access to UNEs to CLEC in AT&T's certificated territory within the state of OHIO. AT&T has no obligation to provide such UNEs to CLEC at locations where AT&T has facilities and equipment outside of its certificated territory. The Parties agree that CLEC's local calling areas are not required to match AT&T's local calling areas or match AT&T's exchange boundaries. Therefore, nothing in this Section 2.1 is intended to preclude CLEC from obtaining Unbundled Network Elements from AT&T within AT&T's territory and using such Unbundled Network Elements to provide Telecommunications Services that cross AT&T's exchange boundaries and local calling areas, including UNE section 251 meet point arrangements with other incumbent LECs.

2.1.1 In order to access and use UNEs, CLEC must be a Telecommunications Carrier (Section 251(c)(3)), and must use the UNE(s) for the provision of a Telecommunications Service (Section 251(c)(3)). Together, these conditions are the "Statutory Conditions" for access to UNEs. Furthermore, by FCC rule, CLEC is prohibited from using an Unbundled Network Element under Section 251 for the exclusive provision of mobile wireless services or interexchange services. Accordingly, CLEC hereby represents and warrants that it is a Telecommunications Carrier certificated by the Public Utilities Commission of Ohio to provide local exchange service, and that it will notify AT&T as soon as reasonably practical in writing if it ceases to be so certificated. Failure to so notify AT&T shall constitute a material breach of this Agreement.

2.2 Where processes, including processes for ordering and provisioning, for any UNE available under this Agreement, whether alone or in conjunction with any other UNE(s), or service(s), pursuant to this Agreement are not already in place, AT&T will develop and implement such processes, subject to any associated rates, terms and conditions applicable under Commission-approved tariffs or this interconnection agreement. AT&T shall use existing processes already developed, if possible; if doing so is not possible, AT&T shall promptly determine what new processes are necessary. The Parties will comply with any applicable Change Management guidelines or BFR guidelines as applicable provided, however, that compliance with such guidelines shall not delay CLEC's ability to order and obtain any UNE beyond the date on which this Agreement is approved.

2.3 Pursuant to 47 C.F.R. 51.309(a), AT&T will not impose limitations, restrictions or requirements on CLEC's request for, or its use of, network elements or Unbundled Network Elements for the service(s) CLEC seeks to offer except those set out in this Attachment, including, without limitation, Section 2.1.1 and 2.20.

2.4 AT&T will permit CLEC to designate any point at which it wishes to connect CLEC's facilities or facilities provided by a third party on behalf of CLEC with AT&T's network for access to Unbundled Network Elements

for the provision by CLEC of a Telecommunications Service. If the point designated by CLEC is technically feasible, AT&T will make the requested connection.

- 2.4.1 Except with respect to EELs High Capacity Arrangements (see section 2.20), AT&T shall provide access to Unbundled Network Elements and combinations of Unbundled Network Elements pursuant to the terms and conditions of this Attachment, without regard to whether CLEC seeks access to the Unbundled Network Elements to establish a new circuit or to convert an existing circuit from a service to Unbundled Network Elements.
- 2.5 Intentionally Left Blank.
- 2.6 AT&T shall provide access to UNEs and combinations of UNEs in a nondiscriminatory manner such that all CLECs, including any affiliate of AT&T, receives the same quality of service that AT&T provides to its own retail customers that receive service from AT&T utilizing the same or similar network elements. Where technically feasible, the quality of the UNE and access to such UNE shall be at least equal to what AT&T provides itself or any subsidiary, affiliate, or other party (presently found at agreed 47 CFR § 51.311(a), (b)). UNEs available under Section 251 that are provided to CLEC under the provisions of this Attachment shall remain the property of AT&T.
- 2.7 At CLEC's request, AT&T shall provide Unbundled Network Elements to CLEC in a manner required by law that allows CLEC to combine those Unbundled Network Elements to provide a Telecommunications Service. Subject to the provisions hereof and at CLEC's request, AT&T shall also provide CLEC with all pre-existing combinations of Unbundled Network Elements. Pre-existing combinations of Unbundled Network Elements consist of those sequences of Unbundled Network Elements that are actually connected in AT&T's network, and include those combinations that are actually connected but for which dial tone is not currently being provided. Subject to the provisions hereof, at CLEC's request, AT&T shall also combine for CLEC any sequence of Unbundled Network Elements that AT&T "ordinarily combines" for itself or its end users. AT&T shall be required to combine Unbundled Network Elements if the requested Unbundled Network Element combination is a type ordinarily used or functionally equivalent to that used by AT&T or AT&T's end users where AT&T provides local service. An Unbundled Network Element combination shall not be considered "ordinarily combined," and AT&T will not have an obligation to provide the combination, if (1) AT&T does not provide services using such a combination of unbundled network elements; (2) where AT&T does provide services using such combination, such provisioning is extraordinary (i.e., a limited combination of network elements created in order to provide service to a customer under a unique and nonrecurring set of circumstances); or (3) the network element combination contains a network element that the Public Utilities Commission of Ohio does not require AT&T to provide as an Unbundled Network Element.
- 2.8 CLEC may combine any Unbundled Network Element with any other element, service, or functionality without restriction, except as delineated in this agreement. Other than the limitations and restrictions set out in this Attachment, there shall be no prohibition against combining unbundled network elements with tariffed services. This paragraph does not limit CLEC's ability to purchase services under applicable AT&T resale tariff or under the resale appendix that is part of this Agreement while also utilizing the UNE provisions of this Agreement to the same end user customer.
- 2.9 Intentionally Left Blank.
- 2.10 In the event that AT&T denies a request to perform the functions necessary to combine UNEs or to perform the functions necessary to combine UNEs with elements possessed by CLEC, AT&T shall provide written notice to CLEC of such denial and the basis thereof. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, AT&T shall have the burden to prove that such denial meets one or more applicable standards for denial, including without limitation those under the FCC rules and orders, *Verizon Comm. Inc.* and the Agreement. AT&T will provide Unbundled Network Elements as outlined in this Attachment where facilities exist in AT&T's network at the time of CLEC's request. AT&T will modify its network as may be required by the Act to make facilities

available to CLEC for Unbundled Network Element orders. If facilities are not available, CLEC may request the facilities via the Bona Fide Request process described below.

- 2.11 CLEC may use one or more Unbundled Network Elements to provide any technically feasible feature, function, or capability that such Unbundled Network Element(s) may provide.
- 2.12 AT&T will provide nondiscriminatory access to the unbundled Network Elements identified and provided for in this Attachment, including combinations of Unbundled Network Elements, subject to the terms and conditions of this Attachment. CLEC is not required to own or control any of its own local exchange facilities before it can purchase or use Unbundled Network Elements identified in this Attachment to provide a Telecommunications Service under this Agreement. AT&T will allow CLEC to order each Unbundled Network Element individually or in combination with any other Unbundled Network Elements, pursuant to Attachment 27: OSS in order to permit CLEC to combine such Unbundled Network Elements with other Unbundled Network Elements obtained from AT&T or with network components provided by itself or by third parties to provide Telecommunications Services to its customers, provided that such combination is technically feasible and would not impair the ability of other carriers to obtain access to other Unbundled Network Elements or to interconnect with AT&T's network. Any request by CLEC for AT&T to provide a type of connection between Unbundled Network Elements that is not currently being utilized in the AT&T network and is not otherwise provided for under this Agreement will be made in accordance with the Bona Fide Request (BFR) process described in Section 2.37.
- 2.13 When CLEC orders Unbundled Network Elements in combination or as a Commingled Arrangement, and identifies to AT&T the type of Telecommunications Service it intends to deliver to its end user customer through that combination or commingling (e.g., POTS, ISDN), AT&T will provide the requested elements with all the functionality, and with at least the same quality of performance and operations systems support (ordering, provisioning, maintenance, billing and recording), that AT&T provides through its own network to its local exchange service customers receiving equivalent service, unless CLEC requests a lesser or greater quality of performance through the Bona Fide Request (BFR) process. Unbundled Network Element combinations provided to CLEC by AT&T will meet all performance criteria and measurements that AT&T achieves when providing equivalent end user service to its local exchange service customers (e.g., POTS, ISDN).
- 2.14 For each Unbundled Network Element, to the extent appropriate, AT&T will provide a demarcation point (e.g., an interconnection point at the Digital Signal Cross Connect or 90/10 splitter, or other appropriate demarcation point) and, if necessary, access to such demarcation point, as the Parties agree is suitable. However, where AT&T provides contiguous Unbundled Network Elements to CLEC, AT&T will provide the existing intermediate connections without demarcation points and provide demarcation points at the ends where the combination is handed off to CLEC.
- 2.15 In the event that AT&T denies a request to perform the functions necessary to combine UNEs or to perform the functions necessary to combine UNEs with unbundled network elements possessed by CLEC, AT&T shall provide written notice to CLEC of such denial and the basis thereof. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, AT&T shall have the burden, to prove that such denial meets one or more applicable standards for denial, including without limitation those under any applicable FCC rules, and orders, *Verizon Comm. Inc.* and the Agreement, including Section 2.12 of this Attachment.
- 2.16 Intentionally Left Blank.
- 2.17 Intentionally Left Blank.
- 2.18 Conversion of Wholesale Services to UNEs
 - 2.18.1 Where processes, including ordering and provisioning processes, for the conversion requested pursuant to this Agreement are not already in place, AT&T shall use existing ordering and provisioning processes already developed for other UNEs, if possible; if doing so is not possible, AT&T shall within an agreed upon timeframe

determine what new processes are necessary and shall establish ordering processes as soon as reasonably possible, but no later than the agreed upon timeframe. AT&T shall make all reasonable efforts to ensure any new process comports with applicable industry ordering guidelines. AT&T will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines; provided however, that compliance with such Change Management guidelines shall not delay CLEC's conversion request beyond an agreed upon timeframe.

2.18.2 Except as agreed to by the Parties, AT&T shall not impose any untariffed termination charges, or any disconnect fees, re-connect fees, or charges associated with establishing a service for the first time, in connection with any conversion between a wholesale service or group of wholesale services and a UNE or combination of UNEs. Nothing in this Section 2.18.2 prohibits AT&T from imposing early termination charges otherwise applicable under the state or federal special access tariff to CLEC's termination of existing long-term contract(s) under which CLEC is obtaining a discount.

2.18.2.1 AT&T may charge applicable service order charges and record change charges.

2.18.3 For UNE conversion orders for which AT&T has either a) not developed a process or b) developed a process that falls out for manual handling, AT&T will charge CLEC the Electronic Service Order (Flow Thru) Record Simple charge for processing CLEC's orders until such process has been developed and CLEC agrees to immediately use the electronic process. Then AT&T may charge the applicable service order charges and record change charges.

2.18.4 This Section 2.18 only applies to situations where the wholesale service, or group of wholesale services, is comprised solely of UNEs offered or otherwise provided for in this Attachment. The Parties agree that converting between wholesale services, such as special access services, and UNEs or UNE combinations should be a seamless process that would not create any unavoidable disruption to CLEC's customer's service or degradation in service quality. Since such conversions will only constitute a record and billing change and in no way impact the physical circuits involved, the interval for completing conversions shall be mutually negotiated between the Parties. In no event will the conversion interval exceed the standard interval applicable to the UNE(s) or UNE combination to which the wholesale service is being converted. Pricing changes begin the next billing cycle following the conversion request.

2.18.5 Unbundled network elements that have been Declassified will be available to CLEC as UNE combinations under Section 251 during the FCC's mandated transition plan in the TRO Remand Order only if CLEC could request and AT&T would be required to provide each UNE separately. AT&T shall convert wholesale services to a UNE or UNE combination if CLEC would be entitled to obtain that UNE or UNE combination if it ordered it directly and not as a conversion.

2.18.6 This section 2.18 applies to any UNE or combination of UNEs, including whether or not such UNE or combination of UNEs had been previously converted from an AT&T service.

2.18.7 In requesting a conversion of an AT&T service, CLEC must submit its orders in accordance with the agreed guidelines and ordering requirements provided by AT&T that are applicable to converting the particular AT&T service sought to be converted. AT&T shall begin billing CLEC at the pricing applicable to the converted service arrangement (e.g., UNE Section 251 pricing if applicable) as of the beginning of the next billing cycle following the completion of activities necessary for performing the conversion, including, but not limited to, CLEC's submission of a complete and accurate LSR/ASR requesting the conversion.

2.18.8 Nothing in this Attachment or Agreement is intended to permit or permits CLEC to supersede or dissolve any contract with AT&T related to services that might be affected by Section 2.18, including but not limited to, contracts under which CLEC obtains discounted special access services. CLEC may terminate or modify its rights and obligations under any such contract, in whole or in part, only in accordance with its terms, including complying with any early termination penalties or charges that apply.

2.19 Commingling

2.19.1 "Commingling" means the connecting, attaching, or otherwise linking of a UNE, or a combination of UNEs, to any non 251(c)(3) network element or any other wholesale facility or services that CLEC has obtained from AT&T. "Commingle" means the act of commingling.

2.19.1.1 "Commingled Arrangement" means the arrangement created by Commingling.

2.19.1.2 Where processes, including ordering and provisioning processes, for any Commingling or Commingled Arrangement available under this Agreement (including, by way of example, for existing services sought to be converted to a Commingled Arrangement) are not already in place, AT&T will develop and implement processes, subject to any associated rates, terms and conditions applicable under Commission-approved tariffs or this interconnection agreement. AT&T shall use existing ordering and provisioning processes already developed for other UNEs, if possible; if doing so is not possible, AT&T shall promptly determine what new processes are necessary. The Parties will comply with any applicable Change Management guidelines or BFR guidelines as applicable; provided, however, that compliance with such guidelines shall not delay AT&T's provision of Commingling in accordance with Section 2.19 beyond the date on which this Agreement is approved.

2.19.2 Except as prohibited or restricted, in Section 2 and, further, subject to the other provisions of this Agreement, AT&T shall permit CLEC to Commingle a UNE or a combination of UNEs with facilities or services obtained at wholesale from AT&T to the extent required by FCC rules and orders.

2.19.3 Upon request, and subject to Section 2, AT&T shall perform the functions necessary to Commingle a UNE or a combination of UNEs with one or more facilities or services that CLEC has obtained at wholesale from AT&T (as well as requests where CLEC also wants AT&T to complete the actual Commingling), except that AT&T shall have no obligation to perform the functions necessary to Commingle (or to complete the actual Commingling) if (i) it is not technically feasible, including that network reliability and security would be impaired; or (ii) AT&T's ability to retain responsibility for the management, control, and performance of its network would be impaired; or (iii) it would undermine the ability of other Telecommunications Carriers to obtain access to UNEs or to Interconnect with AT&T's network. CLEC may connect, combine, or otherwise attach UNEs and combinations of UNEs to wholesale services, and AT&T shall not deny access to UNEs and combinations of UNEs on the grounds that such facilities or services are somehow connected, combined or otherwise attached to wholesale services.

2.19.4 The Parties agree that the Commingled Product Set identified at AT&T's CLEC Online web site to this Attachment shall be available to CLEC upon request as of the effective date of this Agreement. An updated Commingled Product Set list will be posted on CLEC Online, and modified, from time to time as new arrangements become available. All other requests shall be made by CLEC in accordance with the bona fide request (BFR) process set forth in this Attachment.

2.19.4.1 When ordering Commingling or a Commingled Arrangement, CLEC must designate among other things the UNE(s), combination of UNEs, and the facilities or services that CLEC has obtained at wholesale from AT&T or another ILEC sought to be Commingled and the needed location(s), the order in which such UNEs, such combinations of UNEs, and such facilities and services are to be Commingled, and how each connection (e.g., cross-connected) is to be made between them. AT&T shall implement CLEC's request for Commingling or Commingled Arrangement in a manner that minimizes disruption to the CLEC's customer's service.

2.19.4.2 AT&T shall charge CLEC the non-recurring and recurring rates applicable to the UNE(s), facilities or services that CLEC has obtained at wholesale from AT&T. If any Commingling requested by CLEC requires physical work to be performed by AT&T, and if an existing charge applies to that work, AT&T shall so inform CLEC and, in such instance, AT&T shall charge CLEC. A fee shall be calculated using the Time and Material charges as reflected in the Pricing Schedule. AT&T's Preliminary Analysis to the BFR for Commingling shall include an estimate of such fee for the

specified Commingling. With respect to a BFR in which CLEC requests AT&T to perform work not required by this Section 2.19, CLEC shall be charged a market-based rate for any such work.

2.19.5 Nothing in this Agreement shall affect any "ratcheting" or "ratchet rate" available as set forth in any AT&T tariff, including without limitation AT&T Tariff F.C.C. No. 73 (with "ratcheting" and "ratcheted rate" in this sentence having the meaning(s) as those or similar terms have within the relevant tariff and not in this Agreement). There shall be no blending of the rates of any UNE component(s) of the commingled arrangement with any special access component(s), i.e., no ratcheting of the commingled arrangement.

2.19.6 Nothing in this Agreement shall impose any obligation on AT&T to allow or otherwise permit Commingling, a Commingled Arrangement, or to perform the functions necessary to Commingle, or to allow or otherwise permit CLEC to Commingle or to make a Commingled Arrangement, beyond those obligations imposed by the Act, including the rules and orders of the FCC. The preceding includes without limitation that AT&T shall not be obligated to Commingle network elements that do not constitute required UNEs under 47 U.S.C. § 251(c)(3) (including those network elements no longer required to be so unbundled), with facilities or services that CLEC has obtained at wholesale from AT&T. If CLEC does not meet any of the applicable eligibility criteria imposed by FCC rule, including Statutory Conditions, or, for any reason, stops meeting eligibility criteria, including Statutory Conditions, for a particular UNE involved or to be involved in a Commingled Arrangement, CLEC shall not request such Commingled Arrangement or continue using such Commingled Arrangement.

2.19.7 Where a Commingled Arrangement to be provided to CLEC involves a Section 251 UNE combination as well as Commingling, the eligibility criteria applicable, if any exist, to both Commingling and combinations must be fulfilled.

2.19.8 Intentionally Left Blank.

2.19.9 Subject to this Section 2.19, AT&T shall not deny access to a UNE or a combination of UNEs on the grounds that one or more of the UNEs:

2.19.9.1 Is connected to, attached to, linked to, or combined with, a facility or service obtained at wholesale from AT&T; or

2.19.9.2 Shares part of AT&T's network with access or wholesale services.

2.20 EELs

2.20.1 Notwithstanding anything in this Agreement to the contrary AT&T agrees to make available to CLEC Enhanced Extended Links (EELs) and other forms of Unbundled Network Elements Combinations on the terms and conditions set forth in this Attachment. AT&T shall provide UNE combinations upon request, provided that the UNE combination is technically feasible and would not undermine the ability of other carriers to access UNEs or interconnect with AT&T's network. AT&T shall not impose any additional conditions or limitations upon obtaining access to EELs or to any other UNE combinations, other than those set out in the FCC's Triennial Review Order and Triennial Review Remand.

Order in this Attachment 6.

2.20.1.1 "Enhanced Extended Link" or "EEL" means a UNE combination consisting of an unbundled loop(s) and Unbundled Dedicated Transport, together with any facilities, equipment, or functions necessary to combine those UNEs (including, for example, with or without multiplexing capabilities). An EEL that consists of a combination of voice grade to DS0 level UNE local loops combined with a UNE DS1 or DS3 Dedicated Transport (a "Low-Capacity EEL") shall not be required to satisfy the Eligibility Requirements set out in Section 2.20.2 below. If an EEL is made up of a combination that includes one or more of the following described combinations (the "High-Capacity Included Arrangements"), each circuit to be provided to each customer is required to terminate in a collocation arrangement that meets the requirements of Section 2.20.2.3 below (e.g., the end of the UNE

dedicated transport that is opposite the end connected to the UNE loop must be accessed by CLEC at such a CLEC collocation arrangement via a cross-connect. unless the EEL is commingled with a wholesale service in which case the wholesale service must terminate at the collocation). A High-Capacity Included Arrangement is either:

2.20.1.1.1an unbundled DS1 loop in combination, or commingled, with a dedicated DS1 transport or dedicated DS3 or higher transport facility or service, or to an unbundled DS3 loop in combination, or commingled, with a dedicated DS3 or higher transport facility or service; or

2.20.1.1.2an unbundled dedicated DS1 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled dedicated DS3 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS3 or loop or a DS3 or higher channel termination service.

2.20.2 AT&T shall make Low Capacity EELs available to CLEC without restriction. AT&T shall not provide access to the High-Capacity Included Arrangements (Sections 2.20.1.1.1 and 2.20.1.1.2" only when CLEC satisfies all of the following conditions set forth in Section 2.20.2.1 through 2.20.2.4 for each High-Capacity Included Arrangement requested.

2.20.2.1 CLEC (directly and not via an Affiliate) has received state certification from the Public Utilities Commission of Ohio.

2.20.2.2 The following criteria must be satisfied for each High-Capacity Included Arrangement, e.g., each DS1 UNE loop combined with DS1/DS3 transport:

2.20.2.2.1Each circuit to be provided to each customer will be assigned a local telephone number (NPA-NXX-XXXX), including to each DS1 circuit and to each DS1 equivalent circuit of a DS3 EEL.

2.20.2.2.2Each DS1 equivalent circuit on a DS3 EEL arrangement, or on any other High-Capacity Included Arrangement, must have its own local telephone number assignment, so that each fully utilized DS3 must have at least 28 Local voice Telephone Numbers assigned to it; and

2.20.2.2.3Each DS1 or DS1 equivalent circuit to be provided to each customer will have 911 or E911 capability prior to the provision of service over that circuit; CLEC may, at CLEC's option, satisfy this condition by certifying at the time it orders the EEL(s) that it will not begin to provide service until a local number is assigned and 911 or E911 capability is provided.

2.20.2.2.4Collocation: Each of CLEC's DS1 and/or DS3 circuit(s) to be provided to each customer will terminate in a collocation arrangement. Where there is no single customer premises, such as where the traffic from multiple DS1 wireline end user loops are aggregated onto a DS3 transport facility, the point of aggregation will serve as the customer premises for purposes of this requirement. The collocation arrangement cannot be in an Interexchange carrier POP or an Internet service provider POP. However, CLEC may satisfy the collocation requirement through shared collocation or by connecting its EEL to another CLEC's entrance facility originating in that other CLEC's collocation space within AT&T's central office; and

2.20.2.2.5Each circuit to be provided to each customer will be served by an interconnection trunk that meets the requirements of Section 2.20.4 of this Attachment; and

2.20.2.2.6For each 24 DS1 EELs loop or the other facilities having equivalent capacity, CLEC will have at least one active DS1 local service interconnection trunk for the exchange of local traffic. CLEC is not required to associate the individual EEL collocation termination point with a local interconnection trunk in the same wire center.

2.20.2.2.7 Switching: Each EEL loop circuit to be provided to each customer will be served by switching equipment that is a switch capable of switching local voice traffic.

2.20.3 A collocation arrangement meets the requirements of Section 2.20 of this Attachment if it is:

2.20.3.1 Established pursuant to Section 251(c)(6) of the Act and located at AT&T's premises within the same LATA as the end user's premises, when AT&T is not the collocator; or

2.20.3.2 Located at a third party's premises within the same LATA as the end user's CLEC's premises, when AT&T is the collocator.

2.20.4 An interconnection trunk meets the requirements of Sections 2.20.2.2.5 and 2.20.2.2.6 of this Attachment if CLEC will transmit the calling party's local telephone number in connection with calls exchanged over the trunk and the trunk is located in the same LATA as the customer premises served by the Included Arrangement.

2.20.5 For a new circuit to which Section 2.20.2 applies, CLEC may initiate the ordering process if CLEC certifies that it will not begin to provide any service over that circuit until a local telephone number is assigned and 911/E911 capability is provided, as required by Section 2.20.2.2.1 and Section 2.20.2.2.3, respectively. In such case, CLEC shall satisfy Section 2.20.2.2.1 and/or Section 2.20.2.2.3 if it assigns the required Local Telephone Number(s), and implements 911/E911 capability, within 30 days after AT&T provisions such new circuit.

2.20.5.1 Existing circuits, including conversions or migrations are governed by Section 2.20.2.

2.20.6 Before accessing requesting (1) a converted High-Capacity Included Arrangement, (2) a new High-Capacity Included Arrangement, or (3) part of a High-Capacity Included Arrangement that is a commingled EEL as a UNE, CLEC must certify to all of the requirements set out in Section 2.20.2. CLEC may provide this certification by sending a confirming letter to AT&T or by completing a form provided by AT&T either on a single circuit or a blanket basis at CLEC's option. A disconnect notice for any single circuit shall be sufficient to constitute notification to AT&T that a blanket certification for multiple circuits that were part of a single order has been modified. In addition, CLEC may provide written notification to AT&T from time to time, or will provide in response to AT&T's request made no more often than once each calendar year, certifying that its circuits satisfy all of the requirements of Section 2.20.2.

2.20.7 In addition to any other audit rights provided for in this Agreement and those allowed by law, AT&T may obtain and pay for an independent auditor to audit, on an annual basis, and only based upon good cause, CLEC's compliance in Ohio annual basis", it means, for AT&T, a consecutive 12-month period, beginning upon AT&T's written notice that an audit will be performed for AT&T, subject to Section 2.20.7.4 of this Section.

2.20.7.1 To invoke its limited right to audit, AT&T will send a Notice of Audit to CLEC, identifying the particular circuits for which AT&T alleges non-compliance and the cause upon which AT&T rests its allegations. The Notice of Audit shall also include all supporting documentation upon which AT&T establishes the cause that forms the basis of its allegations that CLEC is non-compliant. Such Notice of Audit will be delivered to CLEC with all supporting documentation no less than thirty (30) calendar days prior to the date upon which AT&T seek to commence an audit.

2.20.7.2 Unless otherwise agreed by the Parties (including at the time of the audit), the independent auditor shall perform its evaluation in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA), which will require the auditor to perform an "examination engagement" and issue an opinion that includes the auditor's determination regarding CLEC's compliance with the qualifying service eligibility criteria. The independent auditor's report will conclude whether CLEC complied in all material respects with Sections 2.20.2 through 2.20.4.

- 2.20.7.3 Consistent with standard auditing practices, such audits require compliance testing designed by the independent auditor, which typically include an examination of a sample selected in accordance with the independent auditor's judgment.
- 2.20.7.4 Should the independent auditor's report conclude that CLEC failed to comply in all material respects with Sections 2.20.2 through 2.20.4 CLEC must true-up any difference in payments paid to AT&T and the rates and charges CLEC would have owed AT&T beginning from the date that the non-compliant circuit was established as a UNE/UNE combination, in whole or in part (notwithstanding any other provision hereof), but no earlier than the date on which this Section 2.20 of this Attachment is effective, CLEC shall submit orders to AT&T to either convert all noncompliant circuits to the appropriate service or disconnect non-compliant circuits. Conversion and disconnect orders shall be submitted within 30 days of the date on which CLEC receives a copy of the auditor's report and CLEC shall begin paying the correct rates and charges for each converted circuit beginning with the next billing cycle following AT&T's acceptance of such order, unless CLEC disputes the auditor's finding and initiates a proceeding at the Public Utilities Commission of Ohio for resolution of the dispute, in which case no changes shall be made until the Commission rules on the dispute. With respect to any noncompliant circuit for which CLEC fails to submit a conversion order or dispute the auditor's finding within such 30-day time period, AT&T may initiate and effect such a conversion on its own without any further consent by CLEC. CLEC must convert the UNE or UNE combination, or Commingled Arrangement, to an equivalent or substantially similar wholesale service, or group of wholesale services. Conversion shall not create any unavoidable disruption to CLEC's customer's service or degradation in service quality. Under no circumstances shall conversion result in overtime charges being billed to CLEC for any work performed by AT&T unless CLEC agrees to such charges in advance. Following conversion, CLEC shall make the correct payments on a going-forward basis. In no event shall rates set under Section 252(d)(1) apply for the use of any UNE for any period in which CLEC does not meet the Service Eligibility Requirements conditions set forth in Sections 2.20.2 through 2.20.4 for that UNE, arrangement, or circuit, as the case may be. Furthermore, if CLEC disputes the auditor's finding and initiates a proceeding at the Public Utilities Commission of Ohio and if the Commission upholds the auditor's finding, CLEC shall true-up the payments made at UNE rates and the payments it should have paid.
- 2.20.7.4.1 To the extent that the independent auditor's report concludes that CLEC failed to comply in all material respects with the Service Eligibility Requirements Criteria, CLEC shall reimburse AT&T for the actual cost of the independent auditor's work performed in auditing CLEC's compliance with the Service Eligibility Requirements and for AT&T's necessary and reasonable internal costs incurred conducting the audit in the same manner and using the same methodology and rates that AT&T is required to pay CLEC's costs under Section 2.20.7.4.2.
- 2.20.7.4.2 To the extent the independent auditor's report concludes that CLEC complied in all material respects with the Service Eligibility Requirements Criteria, AT&T shall reimburse CLEC for its necessary and reasonable staff time and other internal reasonable staff time and other reasonable costs associated with in responding to the audit (e.g., collecting data in response to the auditor's inquiries, meeting for interviews, etc).
- 2.20.7.5 CLEC will maintain the appropriate documentation to support its eligibility certifications, including without limitation call detail records, local telephone number assignment documentation, and switch assignment documentation. CLEC will maintain this documentation for the Term of the Agreement plus a period of two years.
- 2.20.8 Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, CLEC shall fully comply with this Section 2.20 in all cases and, further, the failure of AT&T to require such compliance, including if AT&T provides an EEL(s) or a Commingled EEL(s) that does not meet any eligibility criteria including those in Section 2.20.2 through 2.20.4, shall not act

as a waiver of any part of this Section, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

2.21 Reservation of Rights/Intervening Law

2.21.1 Except as otherwise set forth in this Attachment, AT&T's provision of UNEs identified in this Attachment is subject to the intervening law/change in law language in the General Terms and Conditions of this Agreement and applicable law, including but not limited to, Section 251(d) of the Federal Act.

2.22 Various Subsections below list the Unbundled Network Elements that AT&T has agreed, subject to the other terms and conditions in this Agreement, to make available to CLEC for the provision by CLEC of a Telecommunications Service. AT&T will make additional Unbundled Network Elements available pursuant to the BFR process set out in Section 2.37 of this Attachment.

2.23 Subject to the terms herein, AT&T is responsible only for the installation, operation and maintenance of the Unbundled Network Elements it provides. AT&T is not otherwise responsible for the Telecommunications Services provided by CLEC through the use of those elements.

2.24 Except upon request, AT&T will not separate preexisting combinations of network elements that are already combined in AT&T's network.

2.25 Where Unbundled Network Elements provided to CLEC are dedicated to a single end user, if such elements are disconnected because CLEC has lost that end user as a customer, they will be made available to AT&T for future provisioning needs, consistent with the state Commission's rules and guidelines governing migration. CLEC agrees to relinquish control of any such UNE concurrent with CLEC's acknowledgment of the disconnection notice returned by AT&T.

2.26 Each Party is solely responsible for the services it provides to its end users and to other Telecommunications Carriers.

2.27 AT&T will provide CLEC reasonable notification of service-affecting activities that may occur in normal operation of AT&T's business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements, routine preventative maintenance and major network facilities change-out. Generally, such activities are not individual service specific, but affect many services. No specific advance notification period is applicable to all such service activities. Reasonable notification procedures will be negotiated by AT&T and CLEC.

2.28 The use of the term "lease" herein notwithstanding, Unbundled Network Elements provided to CLEC under the provisions of this Attachment will remain the property of AT&T.

2.29 The Section 251 Unbundled Network Elements provided pursuant to this Agreement will be available to AT&T at times mutually agreed upon in order to permit AT&T to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.30 Except as provided in other Attachments to this Agreement, CLEC's use of any AT&T Section 251 Unbundled Network Element, or of its own equipment or facilities in conjunction with any AT&T Section 251 Unbundled Network Element will not materially interfere with or impair service over any facilities of AT&T, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, AT&T may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the Section 251 Unbundled Network Element(s) causing the violation.

2.31 AT&T and CLEC will negotiate to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters and catastrophic network failures (e.g., interoffice cable cuts and central office power failure) which affect their Telecommunications Services. These plans will

provide for restoration and disaster recovery for CLEC customers at least equal to what AT&T provides for its customers and will allow CLEC to establish restoration priority among CLEC customers consistent with applicable law.

2.32 Order Rejections and Error Codes

2.32.1 AT&T shall advise CLEC of all errors that could cause a reject on an order on the initial rejection, with an explanation for each error. The explanations can continue to be in the form of the standard error codes.

2.32.2 AT&T shall notify CLEC thirty (30) days in advance of changes/additions to its standard error codes.

2.33 Performance of Unbundled Network Elements

2.33.1 Each Section 251 Unbundled Network Element provided by AT&T to CLEC will meet applicable regulatory performance standards and be at least equal in quality and performance as that which AT&T provides to itself. Each Section 251 Unbundled Network Element will be provided in accordance with AT&T Technical Publications or other written descriptions. Further, changes may be made from time to time by AT&T. Such publications will be shared with CLEC. CLEC may request, and AT&T may provide, to the extent technically feasible, Section 251 Unbundled Network Elements that are superior or lesser in quality than AT&T provides to itself and such service will be requested pursuant to the BFR process.

2.33.2 AT&T will provide an AT&T Technical Publication or other written description for each Section 251 Unbundled Network Element identified and offered under this Agreement. The Technical Publication or other description for an Unbundled Network Element will describe the features, functions, and capabilities provided by the Unbundled Network Element as of the time the document is provided to CLEC. No specific form for the Technical Publication or description is required, so long as it contains a reasonably complete and specific description of the Unbundled Network Element's capabilities. The Technical Publication or other description may be accompanied by reference to vendor equipment and software specifications applicable to the Unbundled Network Element. The Technical Publications or other written description shall be posted on AT&T's CLEC Online website.

2.33.3 Nothing in this Agreement will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any such upgrades in its network which could reasonably be expected to materially impact the other Party's service consistent with the timelines and guidelines established by 47 CFR Sections 51:325-335. CLEC will be solely responsible, at its own expense, for the overall design of its Telecommunications Services and for any redesigning or rearrangement of its Telecommunications services which may be required because of changes in facilities, operations or procedure of AT&T, minimum network protection criteria, or operating or maintenance characteristics of the facilities.

2.33.4 AT&T will provide notification of network changes in accordance with 47 CFR Section 51:325-335,

2.33.5 For Unbundled Network Elements purchased through the BFR Process, AT&T, in its discretion, will determine whether it can offer the applicability of the preceding Section on a case-by-case basis.

2.33.6 For each Section 251 Unbundled Network Element identified and provided for in this Attachment, AT&T Technical Publications or other written descriptions meeting the requirements of this Section will be made available to CLEC not later than thirty (30) days after the Effective Date of this Agreement.

2.33.7 AT&T will provide performance measurements as outlined in Attachment 17 under this Agreement and/or as otherwise ordered by the Public Utilities Commission of Ohio or FCC. AT&T will not levy a separate charge for providing this information.

2.34 If one or more of the requirements set forth in this Attachment are in conflict, the Parties will mutually agree which requirement will apply.

2.35 When CLEC purchases Unbundled Network Elements to provide interexchange services or exchange access services for intraLATA traffic originated by or terminating to CLEC local service customers, AT&T will not

collect access charges from CLEC or other IXCs except for charges for exchange access transport services that an IXC elects to purchase from AT&T.

2.36 Intentionally Left Blank.

2.37 Bona Fide Request (BFR)

2.37.1 Bona Fide Request ("BFR") is the process by which CLEC may submit a request for AT&T to provide access to a Network Element that is new, undefined or a Commingled Arrangement not identified AT&T CLEC Online web site, (a "Request"), that is required to be provided by AT&T under the Act but is not available under this Agreement or defined in a generic appendix at the time of CLEC's request.

2.37.2 AT&T will promptly consider and analyze access to a new Unbundled Network Element with the submission of an Unbundled Network Element BFR hereunder. The Unbundled Network Element BFR process set forth herein does not apply to those services requested pursuant to Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) paragraph 259 and n. 603 and subsequent rulings.

2.37.3 CLEC may submit an Unbundled Network Element BFR in writing utilizing the Unbundled Network Element BFR Application Form, which will include a technical description of each requested Unbundled Network Element, drawings when reasonably necessary, identified locations where reasonably necessary, a reasonably requested date when interconnection is requested and the projected quantity of interconnection points ordered with a one (1) year demand forecast.

2.37.4 Unless the Parties otherwise agree, the Unbundled Network Element BFR must be priced in accordance with Section 252(d)(1) of the Act.

2.37.5 CLEC may cancel an Unbundled Network Element BFR by providing written notice to AT&T in a commercially reasonable manner; provided however, that CLEC will pay AT&T its reasonable and demonstrable costs of processing and/or implementing the BFR up to and including the date AT&T receives notice of cancellation. If cancellation occurs prior to completion of the preliminary evaluation, and if CLEC has provided AT&T a deposit and the reasonable and demonstrable costs are less than the deposit, the remaining balance of the deposit will be, at CLEC's option, either returned to CLEC or credited toward additional developmental costs authorized by CLEC.

2.37.6 AT&T will promptly consider and analyze each BFR it receives. Within ten (10) business days of its receipt, AT&T will acknowledge receipt of the Unbundled Network Element BFR and in such acknowledgement advise CLEC of any further information needed for a complete and accurate Unbundled Network Element BFR Application Form. CLEC acknowledges that the time intervals set forth hereafter in this section begin once AT&T has received a complete and accurate Unbundled Network Element BFR Application Form.

2.37.7 Except under extraordinary circumstances, within thirty (30) days of its receipt of an Unbundled Network Element BFR, AT&T will provide to CLEC a preliminary analysis of such Unbundled Network Element BFR. The preliminary analysis will (i) indicate that AT&T will offer the request to CLEC or (ii) advise CLEC that AT&T will deny its request, (i.e., that access to the Unbundled Network Element BFR is not technically feasible or does not qualify as an Unbundled Network Element that AT&T must provide under the Act). If CLEC has paid a deposit, AT&T will issue a credit to CLEC, less AT&T's reasonable and demonstrable costs.

2.37.8 Following receipt of the Preliminary Analysis, CLEC may, at its discretion, provide written authorization to AT&T to develop the Unbundled Network Element BFR and prepare a BFR Final Quote. CLEC must provide such written authorization within thirty (30) calendar days of receipt of the preliminary analysis. If written authorization is not provided to AT&T within thirty (30) calendar days, the Unbundled Network Element BFR will be deemed cancelled, and CLEC will be required to submit a new Unbundled Network Element BFR thereafter should CLEC desire pursuit of a similar Unbundled Network Element.

2.37.9 As soon as feasible, but not more than ninety (90) days after its receipt of written authorization to proceed with developing the Unbundled Network Element BFR Final Quote, AT&T shall provide CLEC an Unbundled Network Element BFR Final Quote that will include, at a minimum, a description of each Unbundled Network

Element, the date of availability, the applicable rates (including recurring and non recurring rates) costs, the installation intervals, Unbundled Network Element BFR development and processing costs and terms and conditions for amending the Agreement to order and provision the Unbundled Network Element BFR.

- 2.37.10 Within thirty (30) calendar days of its receipt of the Unbundled Network Element BFR Final Quote, CLEC must either (1) confirm or cancel its Unbundled Network Element BFR pursuant to the terms and conditions of the Unbundled Network Element BFR Final Quote or (2) submit any disputed issues with the Unbundled Network Element BFR Final Quote for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement. If CLEC confirms and authorizes the implementation of the requested service as outlined on the BFR, and provides payment of the amount quoted, minus a deposit (if paid), AT&T will promptly proceed with developing and providing the Unbundled Network Element.
- 2.37.11 If a Party to an Unbundled Network Element BFR believes that the other Party is not requesting, negotiating or processing the Unbundled Network Element BFR in good faith, or disputes a determination, or price or cost quote, such Party may submit the matter for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement which also provides for mediation or arbitration proceedings as needed.
- 2.37.12 If AT&T provides any Unbundled Network Element not identified in this Agreement to a requesting Telecommunications Carrier through the BFR process, AT&T will make available the same Unbundled Network Element, combination or interconnection arrangement to all CLECs, without requiring any additional CLEC to use the Bona Fide Request process. AT&T shall notify all CLECs, through Accessible Letter, that an Unbundled Network Element will be available as a result of a BFR; such notice shall be provided no later than thirty (30) days prior to the new Unbundled Network Element's availability. Whenever CLEC requests to purchase a particular AT&T Unbundled Network Element that is developed and operational at the time of the Unbundled Network Element BFR, but for which no Unbundled Network Element price has been established or agreed by the Parties, CLEC's request will be considered as follows: AT&T will provide a price quote for the Unbundled Network Element BFR, consistent with the Act, within ten (10) business days following AT&T's receipt of CLEC's request. If the Parties have not agreed on a price for the Unbundled Network Element within ten (10) business days following CLEC's receipt of the price quote, either Party may submit the matter for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement.
- 2.37.13 After the Parties to an Unbundled Network Element BFR have reached agreement on terms, conditions and rates for the Unbundled Network Element BFR, they shall jointly cooperate in preparing and filing an amendment to this Agreement for the ordering and provisioning of the Unbundled Network Element BFR. The Parties agree to prepare and file such amendment expeditiously; AT&T shall begin providing the Unbundled Network Element BFR on the date on which the amendment is filed with the Commission, unless a later date is agreed to by the Parties in the BFR process.

3. NETWORK INTERFACE DEVICE

- 3.1 Apart from its obligation to provide the Network Interface Device (NID) functionality as part of an unbundled loop or subloop, AT&T shall also provide nondiscriminatory access to the NID as a UNE. Consistent with Section 2.1 of this Attachment UNE, AT&T shall provide Network Interface Device under the following terms and conditions in this subsection.
- 3.2 The Network Interface Device (NID) UNE is defined as any means of interconnection of End User customer premises wiring to AT&T's distribution plant, such as a cross connect device used for that purpose. Fundamentally, the NID establishes the final (and official) network demarcation point between the loop and the End User's inside wire. In multi-unit properties, the Inside Wire Subloop may include the NID. Maintenance and control of inside wire is under the control of the premises owner, except in multi-unit tenant properties where AT&T owns and maintains control over inside wire within a building or on a property up to the NID. Maintenance and control of the Inside Wire Subloop on the property owner's side of the demarcation point may be under the control of the property owner or the End User. Conflicts between telephone service providers for access to the End User's inside wire must be resolved by the End User. Pursuant to applicable

FCC rules, AT&T offers nondiscriminatory access to the NID on an unbundled basis to CLEC for the provision of a Telecommunications Service. CLEC access to the NID is offered as specified below.

- 3.3 CLEC may obtain unbundled access to the NID on AT&T's network side on a stand-alone basis to permit CLEC to connect its own loop facilities to the premises wiring at any customer locations. Any repairs, upgrade and rearrangements to the NID required by CLEC will be performed by AT&T based on Time and Material charges set out in the Pricing Schedule. AT&T, at the request of CLEC, will disconnect the AT&T local loop from the NID, at charges reflected in the Pricing Schedule. CLEC may elect to disconnect AT&T's local loop from the NID on the customer's side of the NID, but CLEC shall not perform any disconnect on the network side of the NID.
- 3.4 With respect to multiple dwelling units or multiple-unit business premises, CLEC shall have the option of connecting directly with the End User's premises wire, or may connect with the End User's premises wire via AT&T's NID.
- 3.5 AT&T shall be under no obligation to install a NID in order to enable CLEC to interconnect to such NID, but AT&T shall make available to CLEC any NID that exists at the time CLEC seeks interconnections to a NID to serve an end user customer. The NIDs that CLEC uses under this Attachment will be existing NIDs installed by AT&T to serve its End Users.
- 3.6 Neither Party shall attach to or disconnect the other Party's ground. Neither Party shall cut or disconnect the other Party's loop from the NID and/or its protector. Neither Party shall cut any other leads in the NID.
- 3.7 If CLEC requests any additional types of access to the NID not specifically referenced above, AT&T will consider the requested type of access via a mutually feasible method, to be facilitated via the Bona Fide Request (BFR) Process.

4. LOCAL LOOP

- 4.1 Consistent with Section 2.1 of this Attachment UNE, AT&T shall provide Unbundled Local Loop under the following terms and conditions.
- 4.2 Pursuant to applicable FCC rules, a local loop UNE is a dedicated transmission facility between a distribution frame (or its equivalent) in an AT&T Central Office and the loop demarcation point at an End User premises. Therefore, consistent with the applicable FCC rules, AT&T will make available the UNE loops set forth herein below between a distribution frame (or its equivalent) in an AT&T Central Office and the loop demarcation point at an End User premises. The Parties acknowledge and agree that AT&T shall not be obligated to provision any of the UNE loops provided for herein to cellular sites or to any other location that does not constitute an End User premises. Where applicable, the local loop includes all wire within multiple dwelling and tenant buildings and campuses that provides access to End User premises wiring, provided such wire is owned and controlled by AT&T. The local loop UNE includes all features, functions and capabilities of the transmission facility, including attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and line conditioning (subject to applicable charges in the Pricing Schedule). Local Loop includes, but is not limited to copper loops (two-wire and four-wire analog voice-grade copper loops, digital copper loops [e.g., DS0s and integrated services digital network lines]), as well as two-wire and four-wire copper loops conditioned, at CLEC request and subject to charges, to transmit the digital signals needed to provide digital subscriber line services). Local Loop also includes UNE DS1 Digital Loops (where they have not been Declassified and subject to caps set forth in Section 4.4.4.5, below) and UNE DS3 Digital Loops (where they have not been Declassified and subject to caps set forth in Section 4.4.5.4, below), where such loops are deployed and available in AT&T wire centers. CLEC agrees to operate each loop type within the technical descriptions and parameters accepted within the industry.
 - 4.2.1 When a local loop UNE is ordered to a high voltage area, the Parties understand and agree that the local loop UNE will require a High Voltage Protective Equipment (HVPE) (e.g., a positron), to ensure the safety and integrity of the network, the Parties' employees and/or representatives, and the CLEC's end-user customer.

Therefore, any request by CLEC for a local loop UNE to a high voltage area will be submitted by CLEC to AT&T. If CLEC requests that AT&T provision the HVPE, CLEC shall be required to pay AT&T on an ICB basis for the HVPE that is provisioned by AT&T to CLEC in connection with the CLEC's UNE loop order to the high voltage area.

4.3 Routine Network Modifications to UNE loops

4.3.1 AT&T shall make routine network modifications to unbundled loop facilities used by CLEC where the requested loop facility has already been constructed. AT&T shall perform routine network modifications to unbundled loop facilities in a nondiscriminatory fashion, without regard to whether the loop facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

4.3.2 A routine network modification is an activity that AT&T regularly undertakes for its own customers. Routine network modifications include rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new multiplexer or reconfiguring an existing multiplexer; and attaching electronic and other equipment that AT&T ordinarily attaches to a loop to activate such loops for its own customers. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the construction of a new loop, or the installation of new aerial or buried cable for a requesting Telecommunications Carrier, and AT&T is not obligated to perform those activities for CLEC.

4.3.3 AT&T shall provide routine network modifications at the rates, terms and conditions set out in this Attachment and in the Pricing Schedule.

4.4 The following types of local loop UNEs will be provided at the rates, terms, and conditions set out in this Attachment and in the Appendix Pricing UNE and the Pricing Schedule:

4.4.1 2-Wire Analog Loop

4.4.1.1 A 2-Wire analog loop is a transmission facility which supports analog voice frequency, voice band services with loop start or ground start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.

4.4.1.2 If CLEC requests one or more unbundled loops serviced by Integrated Digital Loop Carrier (IDLC) AT&T will, where available, move the requested unbundled loop(s) to a spare, existing Physical or a universal digital loop carrier unbundled loop at no additional charge to CLEC. If, however, no spare unbundled loop is available, AT&T will within two (2) business days, excluding weekends and holidays, of CLEC's request, notify CLEC of the lack of available facilities. "Spare" means an existing digital loop carrier unbundled loop that is not defective and is either (1) not currently being used to provide service to any customer or (2) is being used to serve a customer but that customer has decided to migrate to CLEC and CLEC has requested reuse of the loop and will port customer's telephone number to CLEC.

4.4.2 4-Wire Analog Loop

4.4.2.1 A 4-Wire analog loop is a transmission facility that provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire analog loop provides separate transmit and receive paths.

4.4.3 2-Wire Digital Loop

4.4.3.1 A 2-Wire 160 Kbps digital loop is a transmission facility which supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital loop 160 Kbps supports usable bandwidth up to 160 Kbps.

4.4.4 4-Wire DS1 Digital Loop

- 4.4.4.1 A DS1 4-Wire 1.544 Mbps digital loop is a transmission facility from the AT&T Central Office to the end user premises that will support DS1 service (i.e., usable bandwidth up to 1.544 Mbps) including Primary Rate ISDN (PRI). The 4-wire digital loop 1.544 Mbps supports usable bandwidth up to 1.544 Mbps.
- 4.4.4.2 DS1 loops (where they have not been Declassified and subject to caps set forth in Section 4.4.4.5). A DS1 loop is a digital local loop having a total digital signal speed of 1.544 megabytes per second. DS1 loops include, but are not limited to, two-wire and four-wire copper loops capable of providing high-bit rate digital subscriber line services, including T-1 services. However, notwithstanding this Section 4.4.4.2, access to UNEs is provided under this Agreement over such routes, technologies, and facilities as AT&T may elect at its own discretion.
- 4.4.4.3 DS1 UNE Digital Loops will be offered and/or provided only where such Loops have not been Declassified.
- 4.4.4.4 The procedures set forth in Section 4.4.4.5, below will apply in the event DS1 Digital Loops (DS1) are or have been Declassified.
- 4.4.4.5 DS1 Loop "Caps"

AT&T is not obligated to provide to CLEC more than ten (10) DS1 UNE loops per requesting carrier to any single building in which DS1 Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS1 Loops once CLEC has already obtained ten DS1 UNE Loops at the same building. If, notwithstanding this Section, CLEC submits such an order, at AT&T's option it may accept the order, but convert any requested DS1 UNE Loop(s) in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS1 UNE Loop(s) as of the date of provisioning.

4.4.5 DS3 Digital Loop

- 4.4.5.1 A DS3 loop provides a digital, 45 Mbps transmission facility from the AT&T Central Office to the end user premises.
- 4.4.5.2 DS3 UNE loops will be offered and/or provided only where such Loops have not been Declassified.
- 4.4.5.3 The procedures set forth in Section 4.4.5.4, below will apply in the event DS3 Digital Loops are or have been Declassified.
- 4.4.5.4 DS3 Loop "Caps"

AT&T is not obligated to provide to CLEC more than one (1) DS3 UNE loop per requesting carrier to any single building in which DS3 UNE Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS3 Loops once CLEC has already obtained one DS3 UNE Loop at the same building. If, notwithstanding this Section, CLEC submits such an order, at AT&T's option it may accept the order, but convert any requested DS3 UNE Loop(s) in excess of the cap to special access, and applicable special access charges will apply to CLEC for such DS3 UNE Loop(s) as of the date of provisioning.

4.6 Hybrid Loops

- 4.6.1 A hybrid loop is a local loop composed of both fiber, usually in the feeder plant, and copper wire or cable, usually in the distribution plant. At CLEC's request, AT&T shall provide CLEC access to a hybrid loop as set forth in this Section.
- 4.6.2 For narrowband access, AT&T shall provide non-discriminatory access either to an entire hybrid loop capable of voice grade services (i.e. equivalent to DS0 capacity) using time division multiplexing; or to a spare home-run copper loop serving that customer on an unbundled basis.

- 4.6.3 Fiber to the Home Loops – A fiber to the home loop (FTTH) is a local loop consisting of entirely fiber cable, whether dark or lit, and serving an end user's customer premises or in the case of predominantly residential multiple dwelling units (MDUs), a fiber optic cable, whether dark or lit, that extend to the multiunit premises' minimum point of entry (MPOE). AT&T shall provide access to FTTH consistent with the terms set forth below.
- 4.6.4 Fiber-to-the-curb loops. A fiber-to-the-curb loop is a local loop consisting of fiber optic cable connecting to a copper distribution plant that is not more than 500 feet from the customer's premises or, in the case of predominantly residential MDUs, not more than 500 feet from the MDU's MPOE. The fiber optic cable in a fiber-to-the-curb loop must connect to a copper distribution plant at a serving area interface from which every other copper distribution subloop also is not more than 500 feet from the respective customer's premises.
- 4.6.5 New builds. An incumbent LEC is not required to provide nondiscriminatory access to a fiber-to-the-home loop or a fiber-to-the-curb loop on an unbundled basis when the incumbent LEC deploys such a loop to a residential unit that previously has not been served by any loop facility.
- 4.6.6 Overbuilds. An incumbent LEC is not required to provide nondiscriminatory access to a fiber-to-the-home loop or a fiber-to-the-curb loop on an unbundled basis when the incumbent LEC has deployed such a loop parallel to, or in replacement of, an existing copper loop facility, except that:
- 4.6.6.1 AT&T must maintain the existing copper loop connected to the particular customer premises after deploying the fiber-to-the-home loop or the fiber-to-the curb loop and provide nondiscriminatory access to that copper loop on an unbundled basis unless AT&T retires the copper loop pursuant to Section 51.319(a)(3)(iii).
- 4.6.6.2 If AT&T maintains the existing copper loop pursuant to Section 51.319(a)(3)(ii)(A) it need not incur any expenses to ensure that the existing copper loop remains capable of transmitting signals prior to receiving a request for access pursuant to that paragraph, in which case AT&T shall restore the copper loop to serviceable condition upon request.
- 4.6.6.3 Should AT&T retire the copper loop pursuant to Section 51.319(a)(3)(iii) it shall provide nondiscriminatory access to a 64 kilobits per second transmission path capable of voice grade service over the fiber-to-the-home loop or fiber-to-the-curb loop on an unbundled basis.
- 4.6.7 Retirement of copper loops or copper subloops. Prior to retiring any copper loop or copper subloop that has been replaced with a fiber-to-the-home loop or a fiber-to-the-curb loop, AT&T must comply with:
- 4.6.7.1 The network disclosure requirements set forth in section 251(c)(5) of the Act and in ¶51.325 through ¶51.335; and
- 4.6.7.2 Any applicable state requirements.
- 4.7 Quantity and Location Limitations on Access to DS1 and DS3 Loops obtained under this Agreement
- 4.7.1 The FCC determined in the TRO Remand Order that CLECs' access to high-capacity loops under Section 251 shall be limited with respect to loops obtained to serve buildings in certain locations. For purposes of this Section 4.7.1, the following definitions apply:
- (A) A "fiber-based collocater" is defined in accordance with 47 C.F.R. 51.5. In addition, for purposes of tallying the number of fiber-based collocaters in an AT&T wire center, the term does not include (1) AT&T, (2) TCG Dallas or TCG Houston, or (3) any entity that is a certificated provider of local exchange service and also an affiliate of an incumbent local exchange carrier other than AT&T, unless that affiliate actively markets its Telecommunications Services to small business and residential customers and has no fewer than 25,000 retail business and residential customers in the state.
- (B) The term "building" is to be interpreted to mean a single structure under one roof or two or more structures on one premises connected by an enclosed or covered passageway.
- (C) A "business line" is defined in accordance with 47 C.F.R. 51.5.

- 4.7.1.1 DS1 Loop Declassification. Subject to the cap described in Section 4.4.4.5, AT&T shall provide CLEC with access to a DS1 UNE Loop, where available, to any building not served by a wire center with 60,000 or more business lines and four or more (4) fiber-based collocators. Once a wire center exceeds these thresholds, no future DS1 Loop unbundling will be required in that wire center, or any buildings served by that wire center, and DS1 Loops in that wire center, or any buildings served by that wire center, shall be Declassified and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS1 UNE Loops in such wire center(s), or any buildings served by such wire center(s).
- 4.7.1.2 DS3 Loop Declassification. Subject to the cap described in Section 4.4.5.4, AT&T shall provide CLEC with access to a DS3 UNE Loop, where available, to any building not served by a wire center with at least 38,000 business lines and at least four (4) fiber-based collocators. Once a wire center exceeds these thresholds, no future DS3 Loop unbundling will be required in that wire center, or any buildings served by that wire center, and DS3 Loops in that wire center, or any buildings served by that wire center, shall be Declassified, and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS3 UNE Digital Loops in such wire center(s), or any buildings served by such wire center(s).
- 4.7.2. Declassification of DS1 or DS3 Loop(s) after March 11, 2005
- Upon Declassification of DS1 Digital Loops or DS3 Digital Loops after March 11, 2005, AT&T will provide written notice via an Accessible Letter to CLEC of such Declassification of the element(s) and/or the combination or other arrangement in which the element(s) has been previously provided. During a transitional period of thirty (30) days from the date of such notice, AT&T agrees to continue providing such element(s) under the terms of this Agreement. Upon receipt of such written notice, CLEC will cease ordering new elements that are identified as Declassified or as otherwise no longer being a Section 251(c)(3) UNE in the AT&T notice letter.
- 4.7.2.1 Subject to the self certification process in Section 4.7.3, unless CLEC has submitted an LSR and/or ASR, as applicable, to AT&T requesting disconnection or other discontinuance of such UNE(s) or combination of UNEs, AT&T shall convert the subject UNE(s) or combination of UNEs to an analogous access service if available at month to month pricing, or if no analogous access service is available, to such other service arrangement as AT&T and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale); provided, however, that where there is no analogous access service, if CLEC and AT&T have failed to reach agreement as to a substitute service within such thirty (30) day period, then AT&T may disconnect the subject UNE(s) or combination of UNEs.
- 4.7.2.2 Where such UNE(s) or combination of UNEs are converted to an analogous access service, AT&T shall provide such service(s) at the month-to-month rates, and in accordance with the terms and conditions of AT&T's applicable access tariff, with the effective bill date being the first day following the thirty (30) day notice period. CLEC shall pay all applicable termination charges, if any, for any such UNE(s) or combination of UNEs that CLEC requests AT&T to disconnect, or that AT&T disconnects as a result of the Parties' failure to reach agreement on a substitute service.
- 4.7.3 CLEC shall undertake a reasonably diligent inquiry to determine whether an order for a DS1 or DS3 UNE loop intended to be used to serve a new customer (i.e. ordered on or after March 11, 2005 and, therefore, not part of CLEC's embedded customer base) satisfies the availability criteria set forth in Section 4.7.1 above prior to submitting its order to AT&T. AT&T has posted and will post a list to its CLEC-Online website, identifying the wire centers where DS1 and DS3 UNE Loops are Declassified under Sections 4.7.1.1 and 4.7.1.2, above, and those Sections shall apply. For situations where AT&T's posted list does not identify a wire center(s) relevant to CLEC's order for DS1 or DS3 UNE Loop(s), CLEC shall self-certify, if requested to do so by AT&T, that based on that reasonable inquiry it is CLEC's reasonable belief, to the best of its knowledge, that its order satisfies the criteria in Section 4.7.1 as to the particular UNE(s) sought. AT&T shall provision the requested DS1 or DS3 loop in accordance with CLEC's order and within AT&T's standard ordering interval applicable to

such loops. AT&T shall have the right to contest such orders, and CLEC's ability to obtain a requested DS1 or DS3 UNE Loop only after provisioning, by notifying CLEC in writing of its dispute and, if the Parties are unable to resolve the dispute to both Parties' satisfaction within 30 days of AT&T's written dispute notice, either Party may directly pursue any available legal or equitable remedy for resolution of the dispute. If the Parties determine through informal dispute resolution or if it is otherwise determined in a legally binding way (i.e. the determination has not been stayed pending appeal, if an appeal is being pursued) that CLEC was not entitled to the provisioned DS1 or DS3 UNE Loop, the rates paid by CLEC for the affected Loop shall be subject to true-up and CLEC shall be required to transition from the UNE DS1 or DS3 Loop to an alternative service/facility within 30 days of such determination. If CLEC does not transition the loop within the 30 day period, then AT&T may disconnect the loop. Conversion of DS1 and DS3 loops shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service.

4.8 Transition for Embedded Base Unbundled DS1 and DS3 Loops

4.8.1 For any DS1 and DS3 Loop(s) that CLEC had in place and were Declassified as of March 11, 2005 ("Embedded Base"), and which AT&T no longer is required to provide on an unbundled basis under Section 251, CLEC must transition its Embedded Base from those loops to other wholesale facilities, including AT&T's special access, loops provided by other carriers, or self-provisioned facilities. AT&T will provide written notice via an Accessible Letter to CLEC of the Declassification of specific loops. AT&T shall continue to provide any existing Section 251 unbundled DS1 and DS3 Loops until March 10, 2006. After March 10, 2006, if CLEC has not submitted an LSR or ASR, as applicable, to AT&T requesting conversion of the Declassified DS1 and DS3 Loops to a wholesale service, AT&T shall convert the Declassified loops (s) to an analogous access service at month to month pricing, if available, or if no analogous access service is available, to such other service arrangement as AT&T and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale). Conversion of loop circuits shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service, and at no charge to CLEC.

4.8.2 As of the date of conversion of DS1 and/or DS3 loops, any services or products provided by AT&T in conjunction with such Loops (e.g. Cross-Connects) shall be billed at wholesale rates. Cross-connects obtained under AT&T's physical collocation tariff shall not be repriced to access rates.

5. DARK FIBER DEDICATED TRANSPORT

5.1 AT&T shall provide UNE Dedicated Transport Dark Fiber under the following terms and conditions in this subsection. AT&T is not required to provide Loop Dark Fiber on an unbundled basis. (For definitional purposes only, Dark fiber is fiber within an existing fiber optic cable that has not yet been activated through optronics to render it capable of carrying communications service).

5.2 UNE Dedicated Transport Dark Fiber is deployed, unlit optical fiber within AT&T's network. UNE Dedicated Transport Dark Fiber consists of unactivated optical interoffice transmission facilities.

5.3 Dark Fiber Transport

5.3.1 At unbundled dedicated transport dark fiber segments in routes that have not been Declassified, AT&T will provide a UNE Dedicated Transport Dark Fiber segment that is considered "spare" as defined in Section 5.4 below. UNE Dedicated Transport Dark Fiber is defined as AT&T dark fiber interoffice transmission facilities dedicated to CLEC that are within AT&T's network, connecting AT&T switches or wire centers within a LATA. UNE Dedicated Transport Dark Fiber does not include transmission facilities between the AT&T network and CLEC's network or the location of CLEC equipment. AT&T will offer UNE Dedicated Transport Dark Fiber to CLEC when CLEC has collocation space in each AT&T CO where the requested UNE Dedicated Transport Dark Fiber(s) terminate.

5.3.2 Dark Fiber Transport Declassification

5.3.2.1 AT&T shall provide CLEC with access to UNE Dedicated Transport Dark Fiber, except on routes where both wire centers defining the route are either Tier 1 or Tier 2 Wire Centers, as set forth in Section 5.3.2.5 (A), (B) and (C), below. As such AT&T must provide UNE Dedicated Transport Dark

Fiber under this Agreement only if a wire center on either end of the requested route is a Tier 3 Wire Center. If both wire centers defining a requested route are either Tier 1 or Tier 2 Wire Centers, then Dedicated Transport Dark Fiber circuits on such routes are Declassified and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering UNE Dedicated Transport Dark Fiber on such route(s).

- 5.3.2.2 Upon Declassification of Dark Fiber Transport under this Agreement after March 11, 2005, AT&T will provide written notice via an Accessible Letter to CLEC of such Declassification of the element(s) and/or arrangement in which the element(s) has been previously provided. During a transitional period of thirty (30) days from the date of such notice, AT&T agrees to continue providing such element(s) under the terms of this Agreement. Upon receipt of such written notice via an Accessible Letter, CLEC will cease ordering new elements that are identified as Declassified or as otherwise no longer being a Section 251(c)(3) UNE in the AT&T notice letter. At the end of the 30-day notice period, provision of the affected dedicated transport dark fiber to CLEC will be terminated without further obligation of AT&T.

5.3.2.2.1 Subject to the self certification process in Section 5.3.3 below unless CLEC has submitted an LSR and/or ASR, as applicable, to AT&T requesting disconnection or other discontinuance of such Dark Fiber Transport UNE(s) AT&T shall convert the subject UNE(s) to such other service arrangement as AT&T and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale); provided, however, that if CLEC and AT&T have failed to reach agreement as to a substitute service within such thirty (30) day period, then AT&T may disconnect the Dark Fiber -UNE(s).

- 5.3.2.3 Products provided by AT&T in conjunction with UNE Dedicated Transport Dark Fiber, if any, shall also be subject to termination under Section 5 where such fiber is Declassified.
- 5.3.2.4 The Parties agree that activity by AT&T under this Section 5.3.2 shall not be subject to the Network Disclosure Rules.

5.3.2.5 Wire Center "Tiers"

- (A) Tier 1 wire centers are those AT&T wire centers that contain at least four fiber-based collocators, at least 38,000 business line, or both. Tier 1 wire centers also are those AT&T tandem switching locations that have no line-side switching facilities, but nevertheless serve as a point of traffic aggregation accessible by CLECs. Once a wire center is determined to be a Tier 1 Wire Center, that wire center is not subject to later reclassification as a Tier 2 or Tier 3 Wire Center.
- (B) Tier 2 wire centers are those AT&T wire centers that are not Tier 1 wire centers, but contain at least three fiber-based collocators, at least 24,000 business lines, or both. Once a wire center is determined to be a Tier 2 Wire Center, that Wire Center is not subject to later reclassification as a Tier 3 Wire Center.
- (C) Tier 3 wire centers are those AT&T wire centers that do not meet the criteria for Tier 1 and Tier 2 wire centers.

- 5.3.3 CLEC shall undertake a reasonably diligent inquiry to determine whether an order for Dark Fiber Transport satisfies the availability criteria set forth in Section 5.3.2.1 and 5.3.2.5 above prior to submitting its order to AT&T. AT&T has posted and will post a list to its CLEC-Online website, identifying the wire centers where Dark Fiber Transport is Declassified. For situations where AT&T's posted list does not identify a wire center(s) relevant to CLEC's order for Dark Fiber Transport, CLEC shall self-certify, if requested to do so by AT&T, that based on that reasonable inquiry it is CLEC's reasonable belief, to the best of its knowledge, that its order satisfies the criteria in Sections 5.3.2.1 and 5.3.2.5 as to the particular UNE(s) sought. AT&T shall provision the requested Dark Fiber Transport in accordance with CLEC's order and within AT&T's standard ordering interval applicable to such unbundled network elements. AT&T shall have the right to contest such

orders, and CLEC's ability to obtain a requested Dark Fiber Transport only after provisioning, by notifying CLEC in writing of its dispute and, if the Parties are unable to resolve the dispute to both Parties' satisfaction within 30 days of AT&T's written dispute notice, either Party may directly pursue any available legal or equitable remedy for resolution of the dispute. If the Parties determine through informal dispute resolution or if it is otherwise determined in a legally binding way (i.e. the determination has not been stayed pending appeal, if an appeal is being pursued) that CLEC was not entitled to the provisioned Dark Fiber Transport, the rates paid by CLEC for the affected Dark Fiber Transport shall be subject to true-up and CLEC shall be required to transition from the Dark Fiber Transport to an alternative service/facility within 30 days of such determination. If CLEC does not transition the Dark Fiber Transport within the 30 day period, then AT&T will disconnect the Dark Fiber Transport.

5.4 Spare Fiber Inventory Availability and Condition

5.4.1 All available spare dark fiber will be provided as is. No conditioning will be offered. Spare dark fiber is fiber that is spliced in all segments, point to point but not assigned, and spare dark fiber does not include maintenance spares, fibers set aside and documented for forecasted growth, defective fibers, or assigned fibers. CLEC will not obtain any more than 25% of the spare dark fiber contained in the requested segment, during any two-year period.

5.4.2 Determining Spare Fibers:

5.4.2.1 AT&T will inventory dark fibers. Spare fibers do not include the following:

5.4.2.1.1 Maintenance spares. Maintenance spares shall be kept in inventory like a working fiber. Spare maintenance fibers are assigned as follows:

- Cables with 24 fibers and less: two maintenance spare fibers
- Cables with 36 and 48 fibers: four maintenance spare fibers
- Cables with 72 and 96 fibers: eight maintenance spare fibers
- Cables with 144 fibers: twelve maintenance spare fibers
- Cables with 216 fibers: 18 maintenance spares
- Cables with 288 fibers: 24 maintenance spares
- Cables with 432 fibers: 36 maintenance spares
- Cables with 864 fibers: 72 maintenance spares.

5.4.2.1.2 Defective fibers. Defective dedicated transport dark fiber, if any, will be deducted from the total number of spare dedicated transport dark fiber that would otherwise be available.

5.4.2.1.3 AT&T growth fibers. Fibers documented as reserved by AT&T for utilization for growth within the 12 month-period following the carrier's request.

5.4.2.1.4 Assigned fibers. Dedicated transport dark fiber with AT&T or other CLEC working or pending optronics installations.

5.4.3 Intentionally Left Blank.

5.4.4 The appropriate AT&T engineering organization will maintain records on each fiber optic cable for which CLEC requests dedicated transport dark fiber.

5.4.5 Quantities and Time Frames for ordering Dark Fiber:

5.4.5.1 The minimum number of dedicated transport dark fiber strands that CLEC can order is one, and fiber strands must be ordered on a strand-by-strand basis. The maximum number of fiber strands that CLEC can order is no greater than 25% of the spare facilities in the segment requested. Should spare fiber fall below 8 strands in a given location, AT&T will provide the remaining spares one strand at a time and no more than a quantity of 2 strands.

5.4.5.2 If CLEC wishes to request dedicated transport dark fiber, it must submit a dark fiber facility inquiry, providing CLEC's specific point-to-point (A to Z) dark fiber requirements. When CLEC submits a dark

fiber facility inquiry, appropriate rates for the inquiry will be charged as set forth in the Pricing Schedule.

5.4.5.3 If spare dedicated transport dark fiber is available, as determined under this Agreement, AT&T will notify CLEC and CLEC may place an Access Service Request (ASR) for the dark fiber.

5.4.5.4 Dedicated transport Dark fiber will be assigned to CLEC only when an ASR is processed. ASRs will be processed on a first-come-first-served basis. Inquiry facility checks do not serve to reserve dark fiber. When CLEC submits the ASR, the ASR will be processed and the dark fiber facilities will be assigned. The charges are set forth in the Pricing Schedule.

5.4.6 Right of Revocation of Access to Dedicated Transport Dark Fiber

5.4.6.1 Right of revocation of access to Dedicated Transport Dark Fiber is distinguishable from Declassification as defined in Section 1.2.5 of this Attachment. For clarification purposes, AT&T's right of revocation of access under this Section 5.4.6 applies even when the affected dedicated transport dark fiber remains a UNE, subject to unbundling obligations under Section 251(c)(3) of the Act, in which case CLEC's rights to the affected network element may be revoked as provided in this Section 5.4.6.

5.4.6.2 Should CLEC not utilize the fiber strand(s) subscribed to within the 12-month period following the date AT&T provided the fiber(s), AT&T may revoke CLEC's access to the dedicated transport dark fiber and recover those fiber facilities and return them to AT&T's inventory. AT&T may invoke this right by providing 10 days written notice to CLEC that AT&T is reclaiming the fibers.

5.4.6.3 AT&T may reclaim from CLEC the right to use dedicated transport dark fiber, whether or not the dark fiber is being utilized by CLEC, upon twelve (12) months' written notice to CLEC. AT&T will provide an alternative facility for the CLEC with the same bandwidth CLEC was using prior to reclaiming the facility. AT&T must also demonstrate to CLEC that the dedicated transport dark fiber will be needed to meet AT&T's bandwidth requirements within the 12 months following the revocation.

5.4.7 Access Methods specific to Unbundled Dedicated Transport Dark Fiber

5.4.7.1 The demarcation point for dedicated transport dark fiber at central offices will be in an AT&T approved splitter shelf. This arrangement allows for non-intrusive testing.

5.4.7.2 At AT&T central offices, unbundled dedicated transport dark fiber terminates on a fiber distribution frame, or its equivalent, that is located in the central office.

5.4.8 Installation and Maintenance for Dark Fiber

5.4.8.1 AT&T will install demarcations and place the fiber jumpers from the fiber distribution frame, or equivalent, to the demarcation point. CLEC will run its fiber jumpers from the demarcation point to the CLEC equipment.

5.4.8.2 Routine Network Modifications for Unbundled Dedicated Transport Dark Fiber

5.4.8.2.1 AT&T shall make routine network modifications to UNE Dedicated Transport Dark Fiber facilities used by CLEC for the provision of Telecommunication Services where the requested UNE Dedicated Transport Dark Fiber facilities have already been constructed. AT&T shall perform routine network modifications to UNE Dedicated Transport Dark Fiber in a nondiscriminatory fashion, without regard to whether the Dedicated Transport Dark Fiber being accessed was constructed on behalf, or in accordance with the specifications, for CLEC.

5.4.8.2.2 A routine network modification is an activity that AT&T regularly undertakes for its own customers. Routine network modifications do not include the installation of fiber for a requesting Telecommunications Carrier, nor do routine network modifications include the provision of electronics for the purpose of lighting dark fiber (i.e., optronics), and AT&T is not obligated to perform those activities for a requesting Telecommunications Carrier.

- 5.5 Intentionally Omitted.
- 5.6 For any Dark Fiber Transport that CLEC had in place and were declassified as of March 11, 2005 ("Embedded Base"), and which AT&T no longer is required to provide on an unbundled basis under Section 251, CLEC must transition the Embedded Base from those transport circuits to other wholesale facilities, including AT&T's special access, transport provided by other carriers, or self-provisioned facilities. AT&T will provide written notice via an accessible letter to CLEC of the Declassification of specific transport routes. AT&T shall continue to provide any existing Section 251 unbundled Dark Fiber transport circuits until September 11, 2006. After September 11, 2006, if CLEC has not submitted an LSR or ASR, as applicable, to AT&T requesting conversion of the Declassified transport circuit(s) to a wholesale service, provision of dark fiber transport to CLEC will be terminated without further obligation of AT&T.
6. INTENTIONALLY OMITTED
7. INTENTIONALLY OMITTED
8. OPERATOR SERVICES AND DIRECTORY ASSISTANCE - See Attachment 22: DA and Attachment 23: OS for terms and conditions.
9. TRO REMAND-DECLASSIFIED SWITCHING AND UNE-P.
- 9.1 AT&T is no longer required to provide any ULS/UNE-P pursuant to Section 251(c)(3).
Effective March 11, 2005, CLEC is not permitted to obtain new Mass Market ULS, whether alone, in combination (as in with "UNE-P"), or otherwise. For purposes of this Section 9, "Mass Market" shall mean 1 – 23 lines, inclusive (i.e. less than a DS1 or "Enterprise" level). For the purposes of this Section 9, Embedded Base is defined as including those customers for which CLEC had generated and AT&T had accepted a valid service order requesting the provisioning of TRO Remand Affected Element(s) prior to March 11, 2005.
- 9.2 Transitional Pricing for Embedded Base. During the applicable transitional period of time described in the TRO Remand Order, the price for the embedded base Mass Market ULS or Mass Market UNE-P shall be the higher of (A) the rate at which CLEC obtained such Mass Market ULS/UNE-P on June 15, 2004 plus one dollar, or (B) the rate the applicable state commission established(s), if any, between June 16, 2004, and March 11, 2005, for such Mass Market ULS/UNE-P, plus one dollar.
- 9.2.1 Regardless of the execution or effective date of this Agreement, CLEC will be liable to pay the Transitional Pricing for Mass Market ULS Element(s) and Mass Market UNE-P, beginning March 11, 2005.
- 9.2.2 CLEC shall be fully liable to AT&T to pay such Transitional Pricing under the Agreement, effective as of March 11, 2005, including applicable terms and conditions setting forth interest and/or late payment charges for failure to comply with payment terms.
- 9.3 In accordance with Rule 51.319(d)(2)(ii), CLECs shall migrate the Embedded Base of end-user customers off of the unbundled local circuit switching element to an alternative arrangement by March 11, 2006. CLEC and AT&T agree to utilize this transition period as set forth by the FCC in Paragraph 227 of the TRO Remand Order to perform the tasks necessary to complete an orderly transition including the CLEC's submission of the necessary orders to convert their Embedded Base of ULS/UNE-P customers to an alternative service.
- 9.3.1 To the extent CLEC intends to convert its Embedded Base of ULS/UNE-P arrangements to an alternative AT&T service arrangement, CLEC shall generate the orders necessary to convert its Embedded Base of ULS/UNE-P arrangements to an alternative AT&T service arrangement in accordance with the ULS/UNE-P Transition Plan established by the FCC in the TRO Remand Order unless otherwise agreed to by the Parties.
- 9.3.2 AT&T will complete CLEC transition orders in support of the analogous service that the CLEC is requesting the ULS/UNE-P be transitioned to with any disruption to the end user's service reduced to a minimum or, where technically feasible given current systems and processes, no disruption should occur. Where disruption is unavoidable due to technical considerations, AT&T shall accomplish such conversions in a

manner to minimize any disruption detectable to the end user. Where necessary or appropriate, AT&T and CLEC shall coordinate such conversions

- 9.3.3 When a CLEC converts from UNE-P to Resale the CLEC will pay the non-recurring service order charges for the resale conversion. For a conversion from UNE-P to UNE-Loop, AT&T will apply non-recurring charges associated with physical work and any other applicable service order charges for the conversion.
- 9.4 End of Transitional Period. CLEC will complete the transition of embedded base Mass Market ULS and Mass Market UNE-P to an alternative arrangement by the end of the transitional period of time defined in the TRO Remand Order (March 11, 2006).
- 9.4.1 To the extent that there are CLEC embedded base Mass Market ULS or UNE-P and related items, in place on March 11, 2006, AT&T, without further notice or liability, will re-price such arrangements to a market based rate.

10. DS1 AND DS3 DEDICATED TRANSPORT

- 10.1 AT&T shall provide Unbundled Dedicated Transport under Section 251 in accordance with the terms and conditions set out in this Section 10. Dedicated Transport unbundled under Section 251 shall be provided subject to the location limitations and the transition plan set forth in Sections 10.10 and 10.11 of this Attachment.
- 10.2 "Dedicated Transport" is defined as AT&T interoffice transmission facilities dedicated to a particular CLEC or CLEC's customer that is within AT&T's network, connecting AT&T switches or wire centers within a LATA. Dedicated Transport does not include transmission facilities between AT&T's network and CLEC's network or the location of CLEC's equipment.
- 10.3 AT&T will be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Dedicated Transport circuits and associated multiplexing or other optional features ordered by CLEC.
- 10.4 A "route" is defined as a transmission path between one of AT&T's wire centers or switches and another of AT&T's wire centers or switches. A route between two points (e.g., wire center of switch "A" and wire center or switch "Z") may pass through one or more intermediate wire centers or switches (e.g. wire center or switch "X"). Transmission paths between identical end points (e.g., wire center or switch "A" and wire center or switch "Z") are the same "route," irrespective of whether they pass through the same intermediate wire centers or switches, if any. Subject to the caps set forth in Sections 10.10.1 and 10.10.2, Unbundled Dedicated Transport will be provided only where such facilities exist at the time of CLEC request, and only over routes where UNE Dedicated Transport has not been Declassified. AT&T will provide UNE Dedicated Transport only at the following digital signal speeds: DS1 (1.544 Mbps) and DS3 (44.736 Mbps).
- 10.5 Other optional features available to CLEC with unbundled Dedicated Transport e.g., multiplexing, are available at the rates listed in the Pricing Schedule.
- 10.6 Access to Unbundled Dedicated Transport will be provided via collocation or via entrance facilities purchased from a third party or from AT&T under applicable access tariffs. If CLEC provides the circuit between its premises collocated in an AT&T central office or wire center and AT&T's network, then the cross-connect rates contained in AT&T's physical collocation tariff will apply.
- 10.7 Routine Network Modifications for 251(c)(3) Unbundled Dedicated Transport
 - 10.7.1 AT&T shall make routine network modifications to Unbundled Dedicated Transport facilities used by CLEC where the requested Unbundled Dedicated Transport facilities have already been constructed. AT&T shall perform routine network modifications to Unbundled Dedicated Transport facilities in a nondiscriminatory fashion, without regard to whether the Unbundled Dedicated Transport facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

10.7.2 A routine network modification is an activity that AT&T regularly undertakes for its own customers. Routine network modifications include rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new multiplexer or reconfiguring an existing multiplexer. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the installation of new aerial or buried cable for a requesting Telecommunications Carrier, and AT&T is not obligated to perform those activities for CLEC.

10.7.3 AT&T shall provide routine network modifications at the rates, terms and conditions set out in this Attachment and in the Pricing Schedule.

10.8 Diversity

10.8.1 When requested by CLEC and where such interoffice facilities exist at the time of CLEC's request and when technically feasible, physical diversity shall be provided for Unbundled Dedicated Transport. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits. If changes in the network remove the physical diversity in the future, AT&T will not guarantee that diversity will be made available.

10.8.2 AT&T shall provide in the same manner as AT&T does for itself, the physical separation between intra-office and inter-office transmission paths when technically and economically feasible. Physical diversity requested by CLEC shall be subject to additional charges when additional costs are incurred by AT&T for CLEC specific diversity, AT&T will advise CLEC of the applicable additional charges. AT&T will not process the request for diversity until CLEC accepts such charges. Any applicable performance measures will be abated from the time diversity is requested until CLEC accepts the additional charges.

10.8.3 Intentionally Left Blank.

10.8.4 CLEC's additional cost, if any, for requested dedicated transport diversity shall be as determined in a cost proceeding via a BFR. Where physical diversity does not exist for dedicated transport, AT&T shall provide such diversity through the BFR process.

10.9 Intentionally Left Blank.

10.10 Limitations on Access to DS1 and DS3 Dedicated Transport unbundled under Section 251

10.10.1 Subject to the cap described below in this Section 10.10.1, AT&T will provide DS1 Dedicated Transport unbundled under Section 251 on all routes between AT&T wire centers that are classified as Tier 2 and Tier 3 on one or both ends of the route. (The classification criteria for AT&T wire centers is set forth in Section 5.3.2.5 of this Attachment.) CLEC may obtain a maximum of 10 DS1 Dedicated Transport circuits on each route for which AT&T is required to provide only DS1 Dedicated Transport under Section 251. (The maximum of 10 DS1 Dedicated Transport circuits will not apply on any route where an AT&T wire center classified as Tier 3 on one or both ends.) CLEC may not order or otherwise obtain, and CLEC will cease ordering UNE DS1 Dedicated Transport on such route(s).

10.10.2 Subject to the cap described below in this Section 10.10.2, AT&T will provide DS3 Dedicated Transport unbundled under Section 251 on all routes between AT&T wire centers that are classified as Tier 3 on one or both ends of the route. CLEC may obtain a maximum of 12 unbundled DS3 Dedicated Transport circuits on each route for which AT&T is required to provide DS3 Dedicated Transport under Section 251. (The classification criteria for AT&T wire centers is set forth in Section 5.3.2.5 of this Attachment.) CLEC may not order or otherwise obtain, and CLEC will cease ordering UNE DS3 Dedicated Transport on such route(s).

10.10.3 Declassification of DS1 Dedicated Transport or DS3 Dedicated Transport after March 11, 2005

10.10.3.1 Upon Declassification of DS1/DS3 Transport under this Agreement after March 11, 2005, AT&T will provide written notice via an Accessible Letter to CLEC of such Declassification of the element(s) and/or the combination or other arrangement in which the element(s) has been

previously provided. During a transitional period of thirty (30) days from the date of such notice, AT&T agrees to continue providing such element(s) under the terms of this Agreement. Upon receipt of such written notice via an Accessible Letter, CLEC will cease ordering new elements that are identified as Declassified or as otherwise no longer being a Section 251(c)(3) UNE in the AT&T notice letter.

10.10.3.1.1 Subject to the self certification process in Sections 10.10.4 and 10.10.5, unless CLEC has submitted an LSR and/or ASR, as applicable, to AT&T requesting disconnection or other discontinuance of such UNE(s) or combination of UNEs, AT&T shall convert the subject UNE(s) or combination of UNEs to an analogous access service at month to month pricing, if available, or if no analogous access service is available, to such other service arrangement as AT&T and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale); provided, however, that where there is no analogous access service, if CLEC and AT&T have failed to reach agreement as to a substitute service within such thirty (30) day period, then AT&T may disconnect the subject UNE(s) or combination of UNEs.

10.10.3.2 Where such UNE(s) or combination of UNEs are converted to an analogous access service, AT&T shall provide such service(s) at the month-to-month rates, and in accordance with the terms and conditions of AT&T's applicable access tariff, with the effective bill date being the first day following the thirty (30) day notice period. CLEC shall pay all applicable termination charges, if any, for any such UNE(s) or combination of UNEs that CLEC requests AT&T to disconnect, or that AT&T disconnects as a result of the Parties' failure to reach agreement on a substitute service.

10.10.4 CLEC shall undertake a reasonably diligent inquiry to determine whether an order for a DS1 or DS3 UNE Dedicated Transport circuit satisfies the availability criteria set forth in Sections 10.10.1 and 10.10.2 above prior to submitting its order to AT&T. CLEC shall self-certify that based on that reasonable inquiry it is CLEC's reasonable belief, to the best of its knowledge, that its order satisfies the criteria in Sections 10.10.1 or 10.10.2, as applicable, to the particular UNE(s) sought. If CLEC's self-certification complies with this Section, AT&T shall provision the requested DS1 or DS3 transport circuit in accordance with CLEC's order and within AT&T's standard ordering interval applicable to such circuits.

10.10.5 AT&T shall have the right to contest CLEC's ability to obtain a requested DS1 or DS3 transport circuit only after provisioning. Disputes regarding CLEC's access to DS1 and DS3 transport circuits provided under Section 251 shall be addressed through the dispute resolution process set out in this Agreement. If the Parties determine through informal dispute resolution or if formal dispute resolution through arbitration at the state Commission or otherwise determines that CLEC was not entitled to the provisioned DS1 or DS3 transport circuit under Section 251, the rates paid by CLEC for the affected circuit shall be subject to true-up and CLEC shall be required to transition from the Section 251 UNE DS1 or DS3 transport circuit to another wholesale service within 45 days of the determination. If CLEC does not transition the transport circuit within the 45-day period, then AT&T may disconnect the transport circuit. Conversion of DS1 and DS3 transport circuits shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service.

10.11 Transition for Embedded Base Section 251 unbundled DS1 and DS3 Transport as of March 11, 2005

10.11.1 For any DS1 and DS3 Dedicated Transport that CLEC had in place as of March 11, 2005 ("Embedded Base"), and which AT&T no longer is required to provide on an unbundled basis under Section 251, CLEC must transition the Embedded Base from those transport circuits to other wholesale facilities, including AT&T's special access, transport provided by other carriers, or self-provisioned facilities. AT&T will provide written notice to CLEC of the Declassification of specific transport routes. AT&T shall continue to provide any existing Section 251 unbundled DS1 and DS3 transport circuits until March 10, 2006. After March 10, 2006, if CLEC has not submitted an LSR or ASR, as applicable, to AT&T requesting conversion of the Declassified transport circuit(s) to a wholesale service, AT&T shall convert the Declassified transport

circuit(s) to an analogous access service at month to month pricing, if available, or if no analogous access service is available, to such other service arrangement as AT&T and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale). Conversion of dedicated transport circuits shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service, and at no charge to CLEC.

- 10.11.2 Products provided by AT&T in conjunction with DS1 and DS3 Unbundled Dedicated Transport (e.g. Cross-Connects) shall also be subject to re-pricing under this Section 10.11 where Unbundled Dedicated Transport is Declassified. Cross-Connects obtained under AT&T's physical collocation tariff shall not be repriced to access rates.

11. DIGITAL CROSS-CONNECT SYSTEM(DCS)

- 11.1 AT&T will offer Digital Cross-Connect System (DCS) as part of the unbundled dedicated transport element provided by AT&T pursuant to Section 251 with the same functionality that is offered to interexchange carriers, or additional functionality as the Parties may agree.
- 11.2 DCS Establishment Charge - This charge applies for the initial setup of the CLEC database. The database setup is a grid, built by AT&T, that contains all of the unbundled dedicated transport circuits, loops, and other interoffice facilities that CLEC will be able to control and reconfigure. Security, as well as circuit inventory, is built into the grid, permitting CLEC to control its own circuits. Also included is initial training on the system.
- 11.3 Database Modification Charge - This charge applies each time CLEC requests a modification of its database. A modification can be an addition or deletion of circuits terminating on a DCS, or a rearrangement of the database.
- 11.4 Reconfiguration Charge - This charge applies per termination point per DCS each time the routing of CLEC circuit is changed. As an example, if CLEC has a circuit routing from its location "A" through two DCS offices to its location "B" and wants to reconfigure this circuit so that it is routed from "A" through two different DCS offices to location "C", four reconfiguration charges would apply. Two charges would apply for disconnecting from the original DCS offices and two charges would apply for connecting at the new DCS offices. The Reconfiguration Charge will be provided in two forms and be priced uniquely: (1) AT&T Provided; and (2) CLEC Provided.

12. 911 OR E911 DATABASE

- 12.1 Access to the AT&T 911 or E911 call related databases will be provided as described in the 911 and E911 Appendix.

13. CROSS-CONNECTS

- 13.1 The cross connect is the media between the AT&T distribution frame and a CLEC designated collocated space, Subloop Access Method, or other AT&T Unbundled Network Elements purchased by CLEC.
- 13.2 AT&T offers a choice of loop cross connects with each unbundled loop type detailed in the Pricing Schedule. AT&T will charge CLEC the appropriate rate as shown on the Pricing Schedule labeled "Loop Cross Connects with Testing" and "Loop Cross Connects without Testing". Cross connects will be made available for loops and combinations of loops and transport with the following testing options, at CLEC's discretion: at both ends of the circuit, at one end of the circuit, or without testing. At CLEC's request, a cross connect with testing may be ordered at one end of an EEL circuit and a cross connect without testing at the other end of that EEL circuit.
- 13.3 The applicable Loop cross connects shall include, but shall not be limited to, the following:
- 13.3.1 2-Wire Analog Loop to Collocation
 - 13.3.2 2-Wire Analog Loop to Collocation (without testing)
 - 13.3.3 4-Wire Analog Loop to Collocation
 - 13.3.4 4-Wire Analog Loop to Collocation (without testing)

- 13.3.5 2-Wire Digital Loop to Collocation
- 13.3.6 2-Wire Digital Loop to Collocation (without testing)
- 13.3.7 4-Wire Digital Loop to Collocation
- 13.3.8 4-Wire Digital Loop to Collocation/Mux (without testing)
- 13.3.9 DSL Shielded Cross Connect to Collocation
- 13.3.10 2-Wire DSL non-shielded cross connect to Collocation
- 13.3.11 4-Wire DSL non-shielded cross connect to Collocation
- 13.3.12 DS3 loop to Collocation
- 13.4 The applicable dedicated transport cross connects include, :
 - 13.4.1 DS-1 to Collocation
 - 13.4.2 DS-1- to mux
 - 13.4.3 DS-1 to loop
 - 13.4.4 DS-3 to Collocation
 - 13.4.5 DS-3 to mux
 - 13.4.6 DS-3 to loop
- 13.5 Cross connects to the collocation arrangement associated with unbundled local loops are available with or without automated testing and monitoring capability.
- 13.6 AT&T offers the choice of cross connects with subloop elements as detailed in the Pricing Schedule. AT&T will charge CLEC the appropriate rate as shown on the Pricing Schedule labeled "Subloop Cross Connect".
- 13.7 Cross connects must also be ordered with Unbundled Dedicated Transport (UDT).
- 13.7.1 AT&T will charge CLEC the applicable rates as shown on the Pricing Schedule labeled "Dedicated Transport Cross Connect". Available cross connects with UDT are detailed in the Pricing Schedule.

14. ADDITIONAL REQUIREMENTS APPLICABLE TO UNBUNDLED NETWORK ELEMENTS

This Section 16 sets forth additional requirements for Unbundled Network Elements which AT&T agrees to offer to CLEC under this Agreement.

- 14.1 AT&T will offer unbundled local loops with and without automated testing and monitoring services where technically feasible. If a CLEC uses its own testing and monitoring services, AT&T still must treat the test reports as its own for purposes of procedures and time intervals for clearing trouble reports. AT&T's Special Access Bridging and Hubbing engineering rules and restrictions do not apply to UNEs or to UNE Combinations.
- 14.2 Synchronization
 - 14.2.1 Definition:

Synchronization is the function which keeps all digital equipment in a communications network operating at the same average frequency. With respect to digital transmission, information is coded into discrete pulses. When these pulses are transmitted through a digital communications network, all synchronous Network Elements are traceable to a stable and accurate timing source. Network synchronization is accomplished by timing all synchronous Network Elements in the network to a stratum 1 source so that transmission from these network points have the same average line rate.
 - 14.2.2 Technical Requirements

AT&T will provide synchronization to equipment that is owned by AT&T and is used to provide a network element to CLEC in the same manner that AT&T provides synchronization to itself.

15. PRICING

15.1 Price Schedules

Attached hereto as the Pricing Schedule is a schedule which reflects the prices at which AT&T agrees to furnish Section 251(c)(3) Unbundled Network Elements.

16. UNBUNDLED NETWORK ELEMENT COMBINATIONS

Notwithstanding anything in this Agreement to the contrary (including but not limited to this Attachment, Appendix Pricing-UNE, and the Pricing Schedule:

- 16.1 AT&T agrees to make Unbundled network elements (UNEs) Combinations available to CLEC for the term of this Agreement, on the terms and at the prices provided in this Agreement.

APPENDIX PRICING – UNE

1. APPLICATION OF PRICES

- 1.1 CLEC agrees to compensate AT&T for use of Unbundled Network Elements (UNEs) at the rates contained in this Agreement.
- 1.2 Unless otherwise stated, AT&T will render a monthly bill for UNEs provided hereunder. Remittance in full will be due consistent with Section 9 of the General Terms and Conditions. In accordance with section 9.2 of the General Terms and Conditions, interest will apply on overdue amounts.
- 1.3 The attached Pricing Schedule sets forth the prices that AT&T will charge CLEC for UNEs and certain other items (e.g. Compensation Rates, Hosting Charges, E911 Charges).
- 1.4 Except for requests that are expressly made subject to the BFR process described in Section 2.37 of Attachment 6 ("BFR Elements"), CLEC may order, and AT&T will provide, all Attachment 6 Unbundled Network Elements on the basis of the attached Pricing Schedule. The Parties agree that the Pricing Schedule contains a complete list of rate elements and charges associated with UNEs and other items, if any, offered by AT&T pursuant to this Agreement. This paragraph does not limit or expand the use of the BFR Process.
- 1.5 The Rate Zones are found in the attached Pricing Schedule.

2. RECURRING CHARGES

- 2.1 Recurring Charges, where applicable, are as shown in the Pricing Schedule.
- 2.2 Where Rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated element will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used.
- 2.3 Intentionally Left Blank.
- 2.4 Where rates are based on miles, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed, AT&T will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No 4. When the calculation results in a fraction of a mile, AT&T will round up to the next whole before determining the mileage and applying rates.

3. NON-RECURRING CHARGES

- 3.1 Non-recurring charges for UNEs are included on Pricing Schedule.
- 3.2 If CLEC provides its own testing for UNEs and its testing produces incorrect information which results in AT&T dispatching a repair crew unnecessarily, then CLEC will pay AT&T the cost of the unnecessary trip.
- 3.3 AT&T offers the following order types. When CLEC issues service orders, CLEC will pay the applicable service order charges contained in Pricing Schedule labeled "Service Order Charges – Unbundled Network Element."
- 3.4 Simple and Complex Service Orders
 - 3.4.1 Pricing Schedule lists a "Simple" and "Complex" price for each Service Order type. Those prices will be applied in accordance with the definitions of Simple and Complex Service Orders set forth below.
 - 3.4.2 Simple and complex Service Orders: If either AT&T or a CLEC on an electronic flow-through basis can handle an order, the order is simple. All other orders are complex.

4. MAINTENANCE OF SERVICE, TIME AND MATERIALS, AND NON PRODUCTIVE DISPATCH CHARGES
 - 4.1 If CLEC requests or approves an AT&T technician to perform special installation, maintenance, or conversion services for UNE's excluding services which AT&T is required to provide under Attachment 6, Attachment 8, or otherwise under this Agreement, CLEC will pay Maintenance of Service and/or Time and Material Charges for such services as are reasonably required, including requests for installation or conversion outside of normally scheduled working hours.
 - 4.2 If CLEC provides its own testing for UNEs and its testing produces incorrect information which results in AT&T dispatching a repair crew unnecessarily, then CLEC will pay AT&T the cost of the unnecessary trip
 - 4.3 Consistent with Attachment 8 Maintenance UNE, if CLEC determines that trouble has occurred in AT&T's equipment and/or facilities, CLEC will issue a trouble report to AT&T.
 - 4.4 CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a network element and AT&T dispatches personnel to the end user's premises or an AT&T central office and trouble was not caused by AT&T's facilities or equipment. Maintenance of Service charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.
 - 4.5 CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a UNE and AT&T dispatches personnel and the trouble is in equipment or communications systems provided by an entity other than AT&T or in detariffed CPE provided by AT&T, unless covered under a separate maintenance agreement.
 - 4.6 If CLEC issues a trouble report allowing AT&T access to the end user's premises and AT&T personnel are dispatched but denied access to the premises, then Non Productive Dispatch charges for technicians' time reasonably required will apply. Subsequently, if AT&T personnel are allowed access to the premises, the Non Productive Dispatch charges will still apply.
 - 4.7 Time and Materials and/or Maintenance of Service and/or Non Productive Dispatch charges apply on a first and additional basis for each half hour or fraction thereof, except where the Schedule of Prices provides for per dispatch charges. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories. Basic Time is considered to be Monday through Friday 8 a.m. to 5 p.m. (CT) which is AT&T's normally scheduled work day. AT&T's normally scheduled work week is Monday through Saturday. Overtime applies when work is out of a normally scheduled work day during a normally scheduled work week (i.e., weekday nights and/or Saturdays). Premium time is time worked outside of AT&T's normally scheduled work week and includes Sundays and Holidays. Any time not consecutive with AT&T's normally scheduled work day may be subject to a minimum charge of two hours if dispatch of an off duty AT&T employee is necessary.
 - 4.8 AT&T will bill CLEC Time and Materials, Non Productive Dispatch and/or Maintenance of Service Charges only pursuant to CLEC's authorization, including authorizing a dispatch, consistent with procedures outlined in this Agreement.
 - 4.9 AT&T will manage costs of Time and Materials, Non Productive Dispatch and Maintenance of Service Charges activities charged to CLEC in a manner that is consistent with AT&T's internal management of those costs.
 - 4.10 Charges for services contained in this section are listed in Pricing Schedule labeled "Maintenance of Service Charges", "Time and Materials Charges", and "Non Productive Dispatch Charges".

ATTACHMENT 7: ORDERING AND PROVISIONING UNBUNDLED NETWORK ELEMENTS

1. GENERAL REQUIREMENTS

- 1.1 AT&T will provide pre-order, ordering and provisioning services to CLEC associated with Unbundled Network Elements ("UNEs"), pursuant to the requirements set forth in this Attachment 7: Ordering and Provisioning – Unbundled Network Elements.
- 1.2 Charges for the relevant services provided under this Attachment are included in the Pricing Schedule.
- 1.3 CLEC may order, and AT&T will fill orders, for Unbundled Network Elements as defined in Attachment 6. Multiple individual Elements may be requested by CLEC from AT&T on a single Local Service Request (LSR) for a specific customer, without the need to have CLEC send an LSR for each Element.
- 1.4 CLEC may order, and AT&T will fill orders, for specified combinations of Unbundled Network Elements, as provided for and consistent with the defined requirements, in Attachment 6. Combinations of Section 251 Unbundled Network Elements may be requested by a CLEC from AT&T on a single LSR for a specific customer, without the need to have CLEC send an LSR for each Element. When no entrance facility is required, CLEC may request an EEL on an LSR without having to submit separate LSRs and ASRs, so long as the EEL components all have the same characteristics (i.e., the same speed, grade, etc.). In accordance with the Change Management Process, AT&T agrees to provide additional electronic methods for ordering EELs on an LSR without need for a separate ASR as those ordering requirements are developed by the industry standard Ordering and Billing Forum.
- 1.5 For all Unbundled Network Elements and Combinations ordered under this Agreement, AT&T will provide pre-order, ordering and provisioning services equal in quality and speed (speed to be measured from the time AT&T receives the service order from CLEC) to the services AT&T provides to its end users for an equivalent service. When UNEs are ordered in combination, the service must be supported by all the functionalities provided to AT&T local exchange service customers. This will include but is not limited to, Dispatch scheduling and Real Time Due Date assignment. The ordering and provisioning to support these services will be provided in an efficient manner which meets the performance metrics AT&T achieves when providing the equivalent end user services to an end user.
- 1.6 Customer Specific Unbundled Network Elements are Unbundled Network Elements provided by AT&T to CLEC that are used to provide a Telecommunications Service to a single CLEC Customer. Customer Specific Unbundled Network Elements include the Local Loop, and any combination thereof (e.g. local loop). The customer specific provisioning order, based upon OBF LSR forms, will be used in ordering and provisioning Customer Specific Unbundled Network Elements. AT&T agrees that the information exchange will be forms-based using the Local Service Request Form, End User Information Form and Loop Element Form (formerly Loop Service form) developed by the OBF.

2. ORDERING AND PROVISIONING INTERFACE

- 2.1 Pre-order, Ordering and Provisioning requests for Unbundled Network Elements or Combinations provided by AT&T to CLEC will be transmitted to the AT&T Local Service Center (LSC). AT&T will respond to CLEC calls with the same level of service that AT&T provides to their local exchange customers.
- 2.2 AT&T will provide a Single Point of Contact (SPOC) for all of CLEC's ordering, status inquiries or escalation contacts (via an 800# to the LSC) between 8 a.m. to 5:00 p.m. (CST) Monday through Friday (except holidays). AT&T shall list the business days and hours for the LSC in AT&T's CLEC Handbook and notice any changes via Accessible Letter. AT&T will respond to emergency requests for after hours provisioning via the LOC 24 hrs/day, 7 days a week.
- 2.2.1 AT&T will provide ordering and provisioning services to CLEC for Unbundled Network Elements as described at AT&T CLEC Online web site. If CLEC requests that AT&T perform such services, AT&T will quote, within

one (1) business day of the request, a cost-based rate for the number of hours and materials estimated for such services. If CLEC accepts AT&T's quote, AT&T will perform such services to CLEC in the same manner as it does for itself and will bill CLEC for the actual hours worked and materials used.

- 2.3 AT&T will also provide to CLEC a toll free nationwide telephone number to the Information Service Call Center (ISCC) for issues connected to the electronic system interfaces (operational from 8:00 a.m. to 9:00 p.m. CST, Monday through Friday) and 8:00 a.m. to 5:00 p.m. (CST Saturday), which will be answered by capable staff trained to answer questions and resolve problems in connection with the electronic interface associated with the provisioning of Unbundled Network Elements. ISCC help desk function for electronic system interfaces for all off shift hours are covered via on-call pager. These hours of operation will continue to be posted to CLEC OnLine website and are subject to change through the Change Management Process.
3. AT&T will recognize CLEC as the customer of record for all Unbundled Network Elements ordered by CLEC and will send all notices, invoices and pertinent information directly to CLEC.
 - 3.1 AT&T will provide the following to CLEC upon request:
 - 3.1.1 Designed Layout Record Card for designed Unbundled Network Elements;
 - 3.1.2 Where AT&T is not the Central Office Code Administrator, to the extent the information is not available to CLEC in the same manner it is available to AT&T, AT&T will provide copies of notices containing information received by AT&T to CLEC.
 - 3.2 Each Party will use its best efforts to ensure that all of its representatives who receive inquiries regarding the other Party's services: (i) refer repair inquiries to the other Party at a telephone number provided by that Party; (ii) for other inquiries about the other Party's services or products, refer callers to telephone number(s) provided by that Party; and (iii) do not in any way disparage or discriminate against the other Party or its products or services.
 - 3.3 Each Party will work together via the CLEC User Forum to share issues and address concerns regarding processes which impact the Parties. The CLEC User Forum is the primary process for each Party to address non-OSS issues that impact daily business practices of multiple LECs. The Account Manager is the primary contact for each Party to address non-OSS issues that impact the daily business practices for a specified LEC.
 - 3.4 AT&T and CLEC will work cooperatively in establishing and implementing practices and procedures regarding fraud and service annoyance handling.
 - 3.5 AT&T and CLEC will establish mutually acceptable methods and procedures for handling all misdirected calls from CLEC customers requesting pre-order, ordering or provisioning services. All misdirected calls to AT&T from CLEC customers will be given a recording (or a live statement) directing them to call their local provider. To the extent AT&T procedures change such that CLEC customers become identifiable, such customers will be directed to call CLEC at a designated 800 number. CLEC on a reciprocal basis will refer all misdirected calls that CLEC receives from AT&T customers to an AT&T designated number. CLEC and AT&T will agree on the scripts to be used for this purpose.
4. ORDERING REQUIREMENTS
 - 4.1 AT&T will provide CLEC with standard provisioning intervals for all Unbundled Network Elements and combinations as compared to AT&T customers for equivalent service. These intervals are found in Attachment 17.
 - 4.2 On a conversion as specified order, AT&T will not require CLEC to provide data that AT&T has not made available to CLEC, or that CLEC does not have reasonable access to otherwise.

5. PROVISIONING REQUIREMENTS

- 5.1 Except in the event a CLEC local service customer changes its local service provider to another competitive local service provider or AT&T, AT&T may not initiate any CLEC end user requested disconnection or rearrangement of Unbundled Network Elements or Combinations unless directed by CLEC. Any CLEC customer who contacts AT&T regarding a change in CLEC service will be advised to contact CLEC. Any AT&T customer who contacts CLEC regarding a change in AT&T service will be advised to contact AT&T. In those instances when any CLEC local service customer changes its local service provider to another competitive local service provider or AT&T, CLEC will be notified as described in the Line Loss Notification process, contained in Local Account Maintenance Methods and Procedures dated July 29, 1996, or as otherwise may be agreed to by the Parties.
- 5.2 Where available, AT&T will perform pre-testing and will provide in writing (hard copy) or electronically, as directed by CLEC, all test and turn up results in support of Unbundled Network Elements or Combinations ordered by CLEC.
- 5.3 Any written "leave behind" materials that AT&T technicians provide to CLEC local customers will be non-branded materials that do not identify the work being performed as being AT&T's. These materials will include, without limitation, non-branded forms for the customer and non-branded "not at home" cards. "CLEC branded" materials, to be utilized by AT&T installation, maintenance and/or repair technicians when dealing with CLEC's customers, will be furnished to AT&T by and at the sole expense of CLEC. AT&T will not rebrand its vehicles and personnel. CLEC will provide a single point of contact so that AT&T, including individual AT&T technicians, can order "CLEC branded" materials via a toll free telephone number provided by CLEC, for delivery to an address specified by AT&T or the technician.
- 5.4 AT&T technicians will refer CLEC local customers to their local service provider, if a CLEC local customer requests a change to service at the time of installation. When an AT&T employee visits the premises of a CLEC local customer, the AT&T employee must inform the customer that he or she is there acting on behalf of the CLEC.
- 5.5 AT&T will provide telephone and/or facsimile notification of any charges associated with required construction for a given service, and obtain CLEC's approval prior to commencing construction under a CLEC order for such service.

6. PERFORMANCE REQUIREMENTS

- 6.1 When CLEC places an LSR, CLEC will specify a requested Due Date (DD), and AT&T will specify a DD based on the applicable intervals. In the event CLEC's desired Due Date is less than the standard interval, the service order will be assigned a DD using the applicable interval. If expedited service is requested, CLEC will populate Expedite and Expedite Reason on the request. AT&T will contact CLEC and the Parties will negotiate an expedited DD. This situation will be considered an expedited order and applicable service order charges will apply as reflected in the Pricing Schedule labeled "Service Order Charges - Unbundled Element Expedited". AT&T will not complete the order prior to the DD or later than the DD unless authorized by CLEC. CLEC and AT&T will use the escalation process documented in the CLEC Handbook and contacts reflected in the Escalation website for resolving questions and disputes relating to ordering and provisioning procedures or to the process of individual orders, subject ultimately to the dispute resolution provisions of this Agreement. AT&T will notify CLEC of any modifications to these contacts one (1) week in advance of such modifications.
- 6.2 When CLEC places an LSR to change the Desired Due Date (DDD) from a previous version of the LSR that a FOC has already been received on, AT&T will specify a DD based on the applicable intervals. If the desired Due Date is less than the standard interval, the expedite performance requirements will apply in addition. If expedited service is not requested, this situation will be considered a Due Date change and applicable service order charges will apply as reflected in Pricing Schedule labeled "Service Order Charges - Unbundled Element Due Date Change".

- 6.3 When CLEC places an LSR to cancel the request from a previous version of the LSR that a FOC has already been received on, AT&T will process the cancel based on the request. This situation will be considered a cancel and applicable service order charges will apply as reflected in Pricing Schedule labeled "Service Order Charges – Unbundled Element Cancel".
- 6.4 When CLEC or patron/end-user is not ready for service by or on the Due Date (DD), AT&T will return a jeopardy notification to the CLEC. This situation will be considered a Customer Not Ready and applicable service order charges will apply as reflected in Pricing Schedule labeled "Service Order Charges – Unbundled Element Customer Not Ready".

7. INTERVALS FOR ORDER COMPLETION FOR UNE AND OTHER ITEMS

- 7.1 AT&T will provide Performance Measurements as outlined in Attachment 17 Performance Measures within this Agreement.

8. PRICING

- 8.1 CLEC may request that a billing item be investigated on the AT&T provided bill. CLEC is required to follow the existing billing dispute guidelines by submitting the billing dispute form available in the CLEC Handbook and supplying applicable information to the AT&T- Local Service Center (LSC). The AT&T LSC will perform investigation on each disputed item. The LSC shall complete its investigation and inform CLEC of the results within 90 days of receipt of CLEC's dispute submission, unless the Parties mutually agree to a longer period of time based on the complexity of the nature of the dispute.

PRE-ORDER AND ORDERING
 AND PROVISIONING – UNE

Function	Loop	LNP	Loop w/ LNP	Dedicated Transport	DSR
PRE-ORDER					
Address Verification	X	X	X	X	X
Service/Feature Availability	X	X	X	X	X
Telephone Number Assignment	X	X	X	X	X
Dispatch Schedule	X	X	X	X	X
Due Date	X	X	X	X	X
Customer Service Record	X	X	X	X	X
ORDERING & PROVISIONING					
Conversion as Specified	X ^{1,6,7,8}	X ²	X ^{1,6,7,8}	X ⁹	X
Add/Disc Lines	X	X ³	X ³		X ¹¹
Directory Listing - White – Straight Line	X	X	X		X
Directory Listing - White – Other than Straight Line	X	X	X		X
Partial Migration (Line/WTN vs. Account Level)	X	X	X		X ¹¹
Line Conditioning	X		X		
With / Without Diversity	X		X	X	
With / Without Clear Channel Capability	X ¹⁰		X ¹⁰	X	
New Connects	X	X ³	X ³	X	X
Single Line	X		X ³		
Multi-Line (Less Than 30 Lines)	X		X ³		

Function	Loop	LNP	Loop w/ LNP	Dedicated Transport	DSR
Projects (Large Job - add'l facilities/coordinated work effort required - need SWBT criteria)	X		X ³		
Disconnects	X	X	X	X	X
Change Orders	X	X	X	X	X
Add/Disc Class Features					
Simple Number Change		X	X		
Add/Disc Lines	X	X ³	X ³		X ¹¹
Directory Listing - White – Straight Line	X	X	X		X
Directory Listing - White – Other than Straight Line	X	X	X		X
Line Conditioning	X		X		
With / Without Diversity	X		X	X	
With / Without Clear Channel Capability	X ¹⁰		X ¹⁰	X	
Records Only Order	X	X	X	X	X
Outside Move	X		X	X	
Inside Move	X		X		
POST SERVICE ORDER EDI TRANSACTIONS					
Supplemental Orders	X	X	X	X	X
Firm Order Confirmation (FOC)	X	X	X	X	X
Jeopardies	X	X	X	X	X
Rejects	X	X	X	X	X

Function	Loop	LNP	Loop w/ LNP	Dedicated Transport	DSR
Order Completion	X	X	X	X	X

Footnotes:

1. Existing AT&T customer, existing CLEC TSR customer, existing CLEC TSR customer, existing CLEC UNE (Platform, port or loop) customer.
2. Existing AT&T number or existing CLEC INP number.
3. "Numbers" should be substituted for "lines"
4. Existing CLEC Unbundled Loop customer
5. Intentionally Left Blank
6. Intentionally Left Blank
7. Intentionally Left Blank
8. Intentionally Left Blank
9. Existing CLEC leased facility
10. Only applies to DS-1 loops
11. "Directory Listings" should be substituted for "lines"

ATTACHMENT 8: MAINTENANCE - UNBUNDLED NETWORK ELEMENTS

1. GENERAL REQUIREMENTS

- 1.1 AT&T will provide repair, maintenance, testing, and surveillance for all Unbundled Network Elements and any Combinations of Network Elements (Combinations) and Commingled Network Elements (Commingled Elements) as described in Attachment 6 of the Agreement in accordance with the terms and conditions of this Attachment.

2. MAINTENANCE REQUIREMENTS

- 2.1 AT&T will provide maintenance for all Unbundled Network Elements and Combinations and Commingled Elements ordered under this Agreement at levels equal to the maintenance provided by AT&T in serving its end user customers, consistent with Attachment 6 UNE, Section 2.6, and will meet the requirements set forth in this Attachment. Such maintenance requirements will include, without limitation, those applicable to testing and network management. The maintenance to support these services will be provided in a manner which meets the performance metrics provided for in Attachment 17 or any Public Utility Commission-ordered performance measures.

3. REPAIR SERVICE RESPONSE

- 3.1 AT&T technicians will provide repair service on Unbundled Network Elements and Combinations, and Commingled Unbundled Network Elements that is at least equal in quality to that provided to AT&T customers; trouble calls from CLEC will receive response time and priorities that are at least equal to that of AT&T customers. CLEC and AT&T agree to use the severity and priority restoration guidelines set forth in AT&T MMP 94-08-001 dated April 1996, and as subsequently modified. The Parties agree that their mutual objective is to identify and correct the cause of the trouble requiring repair, not simply eliminate a symptom of the underlying trouble. Where AT&T identifies the cause as being within AT&T's network, facilities and control, AT&T shall take appropriate steps to correct the cause of the trouble. CLEC shall be responsible for correcting the cause of the trouble if the cause lies in CLEC's network, facilities and control. The Parties further agree that, where the root cause of the underlying trouble is debatable or difficult to identify, CLEC and AT&T may schedule a technical meeting; where the same trouble has been reported after initial attempts have been made to correct it, CLEC and AT&T shall schedule a technical meeting.

4. INTERCOMPANY COMMUNICATIONS

- 4.1 The AT&T Network Management Service Center ("NMSC") will notify CLEC of the existence, location, and source of all emergency network outages affecting CLEC customers. CLEC may call the AT&T NMSC in order to discuss scheduled activities that may impact CLEC customers. For purposes of this subsection, an emergency network outage is defined as 5,000 or more blocked call attempts in a ten (10) minute period, in a single exchange.

5. EMERGENCY RESTORATION

- 5.1 AT&T NMSC will notify the CLEC via the Event Notification Process of activities involving the central office and inter-office network. Additionally, as cable cuts or failures are identified the LOC will notify the affected CLEC.
 - 5.1.1 AT&T LOC will be the single point of contact to provide CLEC with information relating to the status of restoration efforts and problem resolution during the Resale services and 251(c)(3) UNEs restoration process;
 - 5.1.2 AT&T agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with AT&T TSP services for restoration. AT&T will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services in

as expeditious a manner as possible on a non-discriminatory basis to respond to and recover from emergencies or disasters.

6. MISDIRECTED REPAIR CALLS

- 6.1 All misdirected repair calls to AT&T from CLEC customers prior to permanent number portability will be given a recording (or live statement) directing them to call the number designated by CLEC. Scripts used by AT&T will refer CLEC customers (in both English and Spanish when available) to the CLEC 800 number in the CLEC CNSC. All calls to 611 in AT&T's territory will continue to receive a standardized vacant code announcement (i.e., a recording specifying the number dialed is not valid) for all customers. CLEC on a reciprocal basis will refer all misdirected repair calls that CLEC receives for AT&T customers to an AT&T designated number. For purposes of permanent number portability the Parties agree to work together to determine whether and to what extent a mutually agreeable method for handling misdirected repair calls may be implemented.

7. REPAIR PROCEDURES

- 7.1 AT&T agrees to the following:
- 7.2 AT&T will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the LOC) twenty-four (24) hours per day, seven (7) days per week.
- 7.3 Intentionally Left Blank.
- 7.4 On a reciprocal basis, CLEC will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the CNSC) twenty four (24) hours per day, seven (7) days per week.
- 7.5 While in manual mode operation, AT&T will provide CLEC "estimated time to restore." The AT&T LOC will notify the CLEC CNSC of each missed repair commitment through a status call. When the trouble ticket commitment time occurs and the trouble ticket has not been closed, an additional status call will provide the CNSC the current status (e.g., trouble was dispatched at 8:00 a.m.). The original trouble commitment will not be changed due to possible loss of priority for that customer. All missed appointments (e.g., vendor meets) will be handled in the same way. This jeopardy status information (on missed commitments/appointments), while in a manual mode, will be provided by AT&T for a maximum of four months after CLEC's market entry date in Oklahoma. or until this capability is available through EBI, or until CLEC elects to utilize the Toolbar program to obtain this status. Manual jeopardy status information will be provided during any outage or failure in OSS. The status of all other tickets will be given to the CLEC CNSC through the fax of a daily log (faxed the next morning to the CLEC CNSC by 8 a.m. Central Time Zone) and will include all "closed tickets" from the previous day (including No Access and closed troubles).
- 7.6 When AT&T responds to a CLEC trouble ticket with "no trouble found," CLEC may request a joint test to be conducted by an AT&T technician and, at CLEC's discretion, either a CLEC technician, a vendor technician and/or CLEC's NOC.
- 7.7 Notice of emergency network outages, as defined in this Attachment, will be provided to the CLEC NMC within one (1) hour.
- 7.8 For network outages other than emergency outages, the performance measurements established in Attachment 17 Performance Measures will govern.
- 7.9 For purposes of this Section, facilities and equipment provided to CLEC through an Unbundled Network Element or Combination, or Commingled Elements is considered restored or a trouble resolved when the quality of Unbundled Network Element or Combination, or Commingled Elements is equal to that provided before the outage or the trouble occurred and any discovered defect is repaired.

8. ESCALATION PROCEDURES

- 8.1 AT&T will provide CLEC with written escalation procedures for maintenance resolution to be followed if, in CLEC's judgment, any individual trouble ticket or tickets are not resolved in a timely manner. The escalation procedures to be provided hereunder shall include names and telephone numbers of AT&T management personnel who are responsible for maintenance issues. CLEC acknowledges that the procedures set forth in AT&T's LOC POTS Escalation/Expedite Maintenance Procedures dated May 6, 1996, and LOC escalation contact list meet the requirements of this Section.

9. PREMISES VISIT PROCEDURES

- 9.1 AT&T Maintenance of Service Charges, when applicable, will be billed by AT&T to CLEC, and not to CLEC's end-user customers.
- 9.2 Dispatching of AT&T technicians to CLEC Customer premises shall be accomplished by AT&T pursuant to a request received from CLEC.
- 9.3 When a AT&T employee visits the premises of a CLEC local service customer, the AT&T employee must inform the customer that he or she is there acting on behalf of their local service provider. Materials left at the customer premises (e.g., a door hanger notifying the customer of the service visit) must also inform the customer that AT&T was on their premises acting on behalf of their local service provider. The AT&T employee shall not make any comments or remarks to CLEC's customer or anyone else at the customer's location that disparage CLEC's services, facilities, reliability, operations or business.
- 9.4 If a trouble cannot be cleared without access to CLEC's local service customer's premises and the customer is not at home, the AT&T technician will leave at the customer's premises a non-branded "no access" card requesting the customer to call CLEC for rescheduling of repair.

10. TESTING

- 10.1 All Unbundled Network Elements and/or Combination of Element troubles determined not to be end-user customer related or in CLEC's provided network facilities will be reported by CLEC to AT&T. Upon receipt of a trouble report on Unbundled Network Element(s), AT&T will test and sectionalize all elements purchased from (or provided by) AT&T. If AT&T determines that a trouble is isolated or sectionalized in network facilities provided by CLEC, then AT&T will refer the trouble ticket back to the CLEC Work Center (CNSC) for handling. AT&T shall support CLEC's request for a joint test, as described in Section 7.6.
- 10.2 AT&T and CLEC agree to develop a mutually acceptable Work Center Operational Understanding document to establish methods and procedures to define the exchange of information between AT&T and CLEC under which they will work together.

11. PRICING

- 11.1 Charges for the relevant services provided under this Attachment are included in the Pricing Schedule.

ATTACHMENT 11: NETWORK INTERCONNECTION ARCHITECTURE

This Attachment 11: Network Interconnection Architecture to the Agreement describes the technical arrangement by which CLEC and AT&T will interconnect their networks in the event that CLEC is providing its own switching facilities. The arrangements described herein do not apply to the provision and utilization of unbundled Network Elements which are addressed in Attachment 6: Unbundled Network Elements.

1. DEFINITIONS:

- 1.1 "Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for IXC-carried traffic.
- 1.2 "End Office" or "End Office Switch" is a switching machine that directly terminates traffic to and receives traffic from end users purchasing local exchange services. A PBX is not considered an End Office Switch.
- 1.3 "Facility-Based Provider" is defined as a telecommunications carrier that has deployed its own switch and transport facilities.
- 1.4 "IntraLATA Toll Traffic" is defined as traffic between one AT&T local calling area and another AT&T local calling area or another LEC within the same LATA.
- 1.5 "IntraLATA Toll Trunk Group" is defined as a trunk group carrying IntraLATA Toll Traffic as defined above.
- 1.6 "ISP-Bound Traffic" is as defined in Appendix Definitions.
- 1.7 "Local Tandem" refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch serving a particular LCA (defined below).
- 1.8 "Local/Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic and IXC-carried traffic.
- 1.9 A "Local Calling Area" or "LCA" is an AT&T local calling area, as defined in AT&T's General Exchange Tariff. LCA is synonymous with "Local Exchange Area" (LEA).
- 1.10 "Local Interconnection Trunk Groups" are one-way or two-way trunk groups used to carry Section 251(b)(5)/IntraLATA Toll Traffic between CLEC end users and AT&T end users.
- 1.11 "Local/IntraLATA Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic.
- 1.12 "Local Only Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5) and ISP Bound Traffic.
- 1.13 "Offers Service" – At such time as CLEC opens an NPA/NXX, ports a number to serve an end user, or pools a block of numbers to serve end users.
- 1.14 "Remote End Office Switch" is an AT&T switch that directly terminates traffic to and receives traffic from end users of local Exchange Services, but does not have full feature, function and capability of an AT&T End Office Switch. Such features, function, and capabilities are provided AT&T Remote End Office Switch via an umbilical and an AT&T Host End Office.
- 1.15 Section 251(b)(5) Traffic is as defined in Appendix Definitions.

- 1.16 "Section 251(b)(5)/ IntraLATA Toll Traffic" shall mean for purposes of this Attachment, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) FX or virtual FX traffic, (iv) Transit Traffic, (v) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from AT&T where AT&T- is both the Section 251(b)(5) Traffic and intraLATA toll provider, or (vi) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and intraLATA toll provider.
- 1.17 A "Tandem Serving Area" or "TSA" is an AT&T area defined by the sum of all local calling areas served by AT&T End Offices that subtend an AT&T tandem for Section 251(b)(5)/IntraLATA Toll Traffic as defined in the LERG.

2. REQUIREMENTS FOR ESTABLISHING POINTS OF INTERCONNECTION

Section 2.1 through Section 2.8 are the Parties' requirements for establishing a Point of Interconnection (POI) for the Exchange of Section 251(b)(5)/IntraLATA Toll Traffic.

- 2.1 Intentionally Left Blank.
- 2.2 The Parties will interconnect their network facilities at a minimum of one CLEC designated Point of Interconnection (POI) Neither party shall be required to establish more than one POI per LATA and POIs shall be established pursuant to Section 2.8.
- 2.3 Intentionally Left Blank.
- 2.4 POIs shall be established at any technically feasible point inside the geographical areas in which AT&T is the franchised Incumbent LEC and within AT&T's network.
- 2.5 Intentionally Left Blank.
- 2.6 Intentionally Left Blank.
- 2.7 POI(s) will be identified by street address and Vertical and Horizontal (V & H) Coordinates.
- 2.8 Each Party will be responsible for providing the necessary equipment and facilities on its side of the POI.

3. TRUNKING REQUIREMENTS PER LCA

- 3.1 At such time as CLEC Offers Service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic in an LCA, CLEC shall establish the necessary Local Interconnection Trunk Groups (in accordance with Appendix ITR) to:
 - 3.1.1 Each AT&T Local Tandem in the LCA where CLEC Offers Service when there are AT&T Local Tandem(s) in the LCA where CLEC Offers Service.
 - 3.1.2 Each AT&T End Office in the LCA where CLEC Offers Service when there is no AT&T Local Tandem in the LCA where CLEC Offers Service.
- 3.2 For the purpose of receiving Section 251(b)(5)/IntraLATA Toll Traffic from the other Party, the Parties shall mutually agree to the quantity and location of points of interconnection ("IPs") that each Party will establish within each respective LATA. Where 2-way Local Interconnection Trunks are used (and a single physical POI is used per trunk group), the IP(s) will define the each Party's financial responsibility for the facilities used for Local Interconnection Trunk Groups. Both Parties shall, unless the Parties otherwise mutually agree, have an equal number of IPs. The IP locations of one Party may be exactly the same, partially the same or completely different than the IP locations of the other Party.
- 3.3 In the event that the Parties cannot reach mutual agreement as to the quantity of IPs, the default shall be the quantity of AT&T tandems or CLEC tandems within the LATA, whichever is greater.
- 3.4 In the event that the Parties cannot reach mutual agreement as to the location of IPs, the default shall be the location of each AT&T's tandem switch(es) and CLEC switch(es).

- 3.5 The Parties will work cooperatively to establish the most efficient trunking network in accordance with the provisions set forth in this Agreement and accepted industry practices.
- 3.6 When CLEC Offers Service in an LCA that has at least one AT&T Local Tandem, and the Section 251(b)(5)/IntraLATA Toll Traffic between CLEC and an AT&T End Office which subtends an AT&T Local Tandem in the LCA exceeds 24 DS0s at peak over a period of three consecutive months, CLEC shall establish a Direct End Office Trunk Group (Local Interconnection Trunk Group that terminates to a AT&T End Office also known as a "DEOT" group) to that AT&T End Office, whether one way or two way.
- 3.7 Intentionally Left Blank.
- 3.8 Intentionally Left Blank.
- 3.9 When the LCA in which CLEC Offers Service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic is served only by an AT&T Remote End Office Switch, CLEC shall DEOT to the appropriate AT&T Host End Office Switch.
- 3.10 DEOT group(s) to AT&T End Offices shall be provisioned as one-way or two-way trunks and used as one-way or two-way trunks.
4. INTENTIONALLY LEFT BLANK
5. INTENTIONALLY LEFT BLANK
6. INTENTIONALLY LEFT BLANK
7. INTENTIONALLY LEFT BLANK
8. PROVISION OF INFORMATION
 - 8.1 In order to establish or designate any POI and associated trunks and transport facilities under this Agreement, CLEC shall provide all applicable network information on forms acceptable to AT&T (as set forth in AT&T's CLEC Handbook, published on the CLEC Online website.)
9. ASR CONTROL FOR TWO-WAY TRUNK GROUPS
 - 9.1 CLEC shall have administrative and order control (e.g., determination of trunk group size) of all two-way trunk groups provisioned between CLEC and AT&T.
 - 9.2 This only applies to the extent that it does not require AT&T to redesign its network configuration.
 - 9.3 AT&T reserves the right to issue an ASR on CLEC's behalf in the event CLEC is non-responsive to a TGSR for underutilized trunk groups as outlined in Appendix ITR. At no other time shall AT&T be allowed to issue ASRs on CLEC's behalf.
10. ANCILLARY SERVICES
 - 10.1 Where CLEC requires ancillary services (e.g., Directory Assistance, Operator Services, E911), additional POIs may be required for interconnection to such ancillary services.
 - 10.2 CLEC is solely responsible for the facilities that carry OS/DA, 911, mass calling and Meet-Point trunk groups. The trunking requirements for these are specified in Appendix ITR.
11. SIGNALING
 - 11.1 Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the AT&T network.

- 11.2 Multifrequency (MF) signaling will be utilized in cases where AT&T switching platforms do not support SS7.

12. INTERCONNECTION METHODS

- 12.1 Where CLEC seeks to interconnect with AT&T for the purpose of mutually exchanging Section 251(b)(5)/IntraLATA Toll Traffic between networks, CLEC may use any of the following methods of obtaining interconnection detailed in Appendix Network Interconnection Methods (NIM) attached hereto and incorporated herein. Such methods include but are not limited to:

12.1.1 Physical Collocation

12.1.2 Virtual Collocation

12.1.3 Intentionally Left Blank

12.1.4 Fiber Meet Point

12.1.5 Leasing of facilities from a third party

12.1.6 CLEC self-buildout

12.1.7 Any other mutually agreeable methods of obtaining interconnection.

13. In addition, the Parties agree to the interconnection and trunking requirements listed in Appendix Interconnection Trunking Requirements (ITR), which is attached hereto and made a part hereof.

APPENDIX INTERCONNECTION TRUNKING REQUIREMENTS (ITR)

1. INTRODUCTION

- 1.1 The Interconnection of CLEC and AT&T networks shall be designed to promote network efficiency.
- 1.2 This Appendix Interconnection Trunking Requirements (ITR) to Attachment 11: Network Interconnection Architecture provides descriptions of the trunking requirements for CLEC to interconnect any CLEC provided switching facility with AT&T facilities. All references to incoming and outgoing trunk groups are from the perspective of CLEC.
- 1.3 If either Party changes the methods by which it trunks and routes traffic within its network, it will afford the other Party the opportunity to trunk and route its traffic in the same manner for purposes of interconnection. The Parties agree to offer and provide to each other B8ZS Extended Superframe and/or 64 Kbps clear channel where it is currently deployed at the time of the request.
- 1.4 AT&T will allow CLEC to use the same physical facilities to provision one-way or two-way Local Interconnection Trunk Groups, where technically feasible. CLEC shall have administrative and order control (e.g., determination of trunk group size) of the trunk groups to the extent that it does not require AT&T to redesign its network configuration.

2. TRUNK GROUP CONFIGURATIONS:

- 2.1 AT&T will not impose any restrictions on a CLEC that are not imposed on its own traffic with respect to trunking and routing options afforded the CLEC.

2.1.1 CLEC Originating (CLEC to AT&T):

For CLEC Originating traffic (CLEC to AT&T), IntraLATA toll traffic originating from an End-User obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and IntraLATA toll provider may be combined with Section 251(b)(5) Traffic and ISP-Bound Traffic on the same trunk group when CLEC routes traffic to a AT&T Local/IntraLATA Tandem Switch, Local/ access tandem Switch or directly to a AT&T End Office. When mutually agreed upon traffic data exchange methods are implemented as specified in Section 5.0 of this Appendix, direct trunk group(s) to AT&T End Offices will be provisioned and paid for by AT&T as two-way and used as two-way. When AT&T Access Tandem Switches are separate from Local Tandem Switches separate trunk group used to carry Section 251(b)(5) Traffic and ISP-Bound Traffic will be provided to each Local Tandem Switch and a separate intraLATA toll trunk group used to carry IntraLATA Toll Traffic originating from an End-User obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and intraLATA toll provider will be provided to an Access Tandem Switch. When there are multiple AT&T Local/IntraLATA Tandem Switches and/or Local/Access Tandem Switches in a Local Exchange Area, separate trunk groups will be established to each Local/IntraLATA Tandem Switch and each Local/Access Tandem Switch. Such trunk groups may carry Section 251(b)(5), ISP-Bound Traffic and traffic originating from an End-User obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and intraLATA toll provider. Trunk groups to any AT&T Tandem(s) shall be provisioned as two-way. Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the AT&T network. Multifrequency (MF) signaling will be utilized in cases where AT&T switching platforms do not support SS7.

- 2.1.1.1 Trunking to an AT&T Local, Local/IntraLATA, or Local/Access Tandem Switch will provide CLEC access to the AT&T End Offices which subtend that tandem and to other service providers that are connected to AT&T. Trunking to an AT&T End Office(s) will provide CLEC access only to the NXXs served by that individual End Office(s).

2.1.1.2A Local Interconnection Trunk Group shall be established from CLEC's switch to each AT&T Ohio End Office in any LATA where the AT&T Ohio End Office does not subtend the AT&T Ohio Local Tandem.

2.1.2 CLEC Terminating (AT&T to CLEC):

For CLEC Terminating traffic (AT&T to CLEC), where AT&T has a Local/IntraLATA or Local/Access Tandem Switch AT&T will combine the Section 251(b)(5) Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic originating from an End-User obtaining local dialtone from AT&T where AT&T is both the Section 251(b)(5) Traffic and intraLATA toll provider over a single two-way trunk group. When AT&T has Access Tandem Switches that serve a Local Exchange Area separate from Local Tandem-Switches in a Local Exchange Area, AT&T shall deliver Section 251(b)(5) Traffic and ISP-Bound traffic from the Local Tandem Switch to CLEC over the two-way trunk group. AT&T shall deliver IntraLATA Toll Traffic from the Access Tandem Switch to CLEC over the two-way trunk groups. As noted in Section 2.1.1 above, direct trunk group(s) between CLEC and AT&T End Offices will be provisioned as two-way and used as two-way. Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the AT&T network. Multifrequency (MF) signaling will be utilized in cases where AT&T switching platforms do not support SS7.

2.2 Meet Point Traffic:

Meet Point Traffic will be transported between the AT&T Access Tandem Switch and CLEC over a "meet point" trunk group separate from Local Interconnection Trunk Groups. This trunk group will be established for the transmission and routing of Exchange Access traffic and IntraLATA Toll Traffic routed via an IXC between CLEC's end users and interexchange carriers via an AT&T Access Tandem Switch. When AT&T has more than one Access Tandem Switch within a Local Exchange Area, CLEC may utilize a single "meet point" trunk group to one AT&T Access Tandem Switch within the Local Exchange Area in which CLEC homes its NPA/NXXs. This trunk group will be provisioned as two-way and will utilize SS7 protocol signaling. Traffic destined to and from multiple interexchange carriers (IXCs) can be combined on this trunk group.

2.3 Direct End Office Trunking:

The Parties shall establish a two-way Direct End Office Trunk Group (DEOT) when actual End Office traffic exceeds 24 DSOs at peak over three consecutive months or when no Local Only, Local/IntraLATA or Local/Access Tandem Switch is present in the Local Exchange Area.

Trunking to an AT&T End Office shall afford CLEC access only to the NXXs served by that individual End Office.

2.4 E911 Emergency Traffic:

A segregated trunk group will be required to each appropriate E911 tandem within a Local Exchange Area in which CLEC offers Exchange Service. This trunk group will be set up as a one-way outgoing only and will utilize SS7 protocol signaling unless SS7 protocol signaling is not yet available, then CAMA/ANI MF signaling will be utilized.

2.5 Mass Calling (Public Response Choke Network):

A segregated trunk group will be required to the designated Public Response Choke Network tandem in each serving area in which CLEC provides service pursuant to this Agreement. This trunk group will be one-way outgoing only and will utilize MF signaling. It is anticipated that this group will be sized as follows, subject to adjustments from time to time as circumstances require:

< 15001 access Lines (AC)	2 trunks (min)
15001 to 25000 AC	3 trunks
25001 to 50000 AC	4 trunks
50001 to 75000 AC	5 trunks
> 75000 AC	6 trunks (max)

In lieu of the above CLEC may use call gapping and software designed networks to control Mass Calling.

At the time that CLEC establishes a Public Response Choke Network NXX and tandem, AT&T will establish reciprocal mass calling trunks to CLEC subject to the requirements set forth in this Section. CLEC has the option of call gapping or trunking to a specific tandem for gapping by AT&T.

2.6 Operator Services/Directory Assistance Trunk Group(s)

2.6.1 Inward Assistance Inward Operator Assistance (Call Code 121) - CLEC may choose from two interconnection options for Inward Operator Assistance.

2.6.2 Option 1 - Interexchange Carrier (IXC)

CLEC may utilize the Interexchange Carrier Network. CLEC will route its calls requiring inward operator assistance through its designated IXC POP to AT&T's TOPS tandem. AT&T will route its calls requiring inward operator assistance to CLEC's Designated Operator Switch (TTC) through the designated IXC POP.

CLEC will use the same OSPS platform to provide local and IXC operator services. Where appropriate, CLEC will utilize existing trunks to the AT&T TOPS platform that are currently used for existing IXC inward operator services.

2.6.3 Option 2 - CLEC Operator Switch

CLEC will identify a switch as the Designated Operator Switch (TTC) for its NPA-NXXs. AT&T will route CLEC's calls requiring inward operator assistance to this switch. This option requires a segregated one-way (with MF signaling) trunk group from AT&T's Access Tandem to the CLEC switch. CLEC calls requiring inward operator assistance will be routed to AT&T's operator over an IXC network.

3. TRUNK DESIGN BLOCKING CRITERIA

Trunk forecasting and servicing for the Local Interconnection Trunk Groups will be based on the industry standard objective of 2% overall time consistent average busy season busy hour loads 1% from the End Office to the Tandem and 1% from tandem to End Office based on Neal Wilkinson B.01M [Medium Day-to-Day Variation] until traffic data is available. Listed below are the trunk group types and their objectives:

<u>Trunk Group Type</u>	<u>Blocking Objective (Neal Wilkinson B.01M)</u>
Local Tandem	1%
Local Direct	2%
Interexchange Direct	1 %
IntraLATA Interexchange Tandem	0.5%
911	1 %
Operator Services (DA/DACC)	1 %
Operator Services (0+, 0-)	0.5%
InterLATA Tandem	0.5%
Busy Line Verification/Emergency Interrupt	1%

4. FORECASTING/SERVICING RESPONSIBILITIES

- 4.1 CLEC agrees to provide an initial trunk forecast for establishing the initial trunk groups. AT&T shall review this forecast and if AT&T has any additional information that will change the forecast, AT&T shall provide this information to CLEC. Subsequent forecasts will be provided on a quarterly or semi-annual basis, at CLEC's election. Two of the quarterly forecasts, or one of the semi-annual forecasts, will be provided concurrent with the publication of the AT&T General Trunk Forecast. The forecast will include yearly forecasted trunk quantities for all trunk groups described in this Appendix for a minimum of three years and the use of Common Language Location Identifier coding and Common Language Circuit Identification for Message Trunk coding (CLCI-MSG) which is described in Telcordia Technologies documents BR795-100-100 and BR795-400-100. Trunk servicing will be performed on a monthly basis at a minimum.
- 4.2 The Parties agree to review CLEC's trunk capacity in accordance with CLEC's forecasts, including quarterly forecasts, if so elected and submitted by CLEC.
- 4.3 Such forecasts shall include, subject to adjustments from time to time as circumstances require:
 - 4.3.1 Yearly forecasted trunk quantities will be for all trunk groups referenced in this appendix for a minimum of three (current and plus-1 and plus-2) years; and
 - 4.3.2 A description of major network projects anticipated for the following six months. Major network projects include the introduction of a new switch, trunking or network rearrangements, orders greater than 4 DS1s or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.
 - 4.3.3 Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate orders when facilities are not available.
- 4.4 CLEC shall be responsible for forecasting two-way trunk groups. AT&T shall be responsible for forecasting and servicing any one way trunk groups terminating to CLEC and CLEC shall be responsible for forecasting and servicing any one way trunk groups terminating to AT&T unless otherwise specified in this Appendix. Standard trunk traffic engineering methods will be used as described in TELCORDIA TECHNOLOGIES document SR-TAP-000191, Trunk Traffic Engineering Concepts and Applications or as otherwise mutually agreed to by the Parties.
- 4.5 If forecast quantities are in dispute, the Parties shall meet to reconcile the differences.
- 4.6 Each Party shall provide a specified point of contact for planning, forecasting and trunk servicing purposes.

5. SERVICING OBJECTIVE/DATA EXCHANGE

- 5.1 Each Party agrees to service trunk groups to the blocking criteria listed in Section 3.0 above. Each party will attempt to service trunk groups in a timely manner when they have sufficient data to determine that the service objectives in Section 3.0 are not being met.
- 5.2 Each Party will make trunk group blockage information available to the other party by mechanized procedures. The existing exchange of data for Access Trunk Groups will be extended to provide data on all joint trunk groups.
- 5.3 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by using an Access Service Request (ASR). CLEC will have administrative and order control for the purpose of issuing ASR's on two-way trunk groups.
- 5.4 Both Parties will jointly manage the capacity of Local Interconnection Trunk Groups or Meet Point Trunk Groups. CLEC may send an ASR to trigger changes to the Local Interconnection Trunk Groups

based on capacity assessment and to meet end user demand. AT&T shall send a Trunk Group Service Request (TGSR) to CLEC to trigger changes to the Local Interconnection Trunk Groups which exceed 65% capacity based on capacity assessment. The TGSR is a standard industry support interface developed by the Ordering and Billing Forum of the Carrier liaison Committee of the Alliance for Telecommunications Solutions (ATIS) organization. TELCORDIA TECHNOLOGIES Special Report STS000316 describes the format and use of the TGSR. The Party receiving a complete and accurate ASR will issue a Firm Order Confirmation (FOC) and, if requested on the ASR, a Design Layout Record (DLR) to the ordering Party within applicable industry-established intervals.

5.5 In a Blocking Situation:

5.5.1 In a blocking situation, a TGSR will be issued by AT&T when additional capacity is required to reduce measured blocking to objective design blocking levels based upon analysis of trunk group data. CLEC, upon receipt and review of a TGSR, in a blocking situation, will issue an ASR to AT&T within three (3) business days after receipt of the TGSR. CLEC will note "Service Affecting" on the ASR. These orders will be expedited.

6. TRUNK UNDERUTILIZATION

6.1 Underutilization of Local Interconnection Trunk Groups or Meet Point Trunk Groups exists when provisioned capacity is greater than the current need. The parties agree that this over provisioning is an inefficient deployment and use of network resources and results in unnecessary costs. Those situations where more capacity exists than actual usage requires will be handled in the following manner: This is talking about trunk underutilization not facilities.

6.1.1 If a trunk group is under sixty-five percent (65%) of CCS capacity on a monthly average basis, for each month of any three (3) consecutive months period, either Party may request the issuance of an order to resize the trunk group, which shall be left with not less than thirty-five percent (35%) excess capacity. In all cases grade of service objectives shall be maintained.

6.1.2 AT&T may send a Trunk Group Service Request (TGSR) to CLEC to trigger changes to the Local Interconnection Trunk Groups or Meet Point Trunk Groups based on the capacity assessment. Upon receipt of a TGSR, CLEC will issue an Access Service Request (ASR) to AT&T within ten (10) business days after receipt of the TGSR subject to the following sections.

6.1.3 Upon review of the TGSR, if CLEC does not agree with the resizing, the Parties will schedule a joint planning discussion within twenty (20) business days. The Parties will meet to resolve and mutually agree to the disposition of the TGSR.

6.1.4 If AT&T does not receive an ASR, or if CLEC does not respond to the TGSR by scheduling a joint discussion within the twenty (20) business day period, AT&T will attempt to contact the CLEC to schedule a joint planning discussion. If the CLEC will not agree to meet within an additional ten (10) business days and present adequate reason for keeping trunks operational, AT&T will issue an ASR to resize the Local Interconnection Trunk Groups or Meet Point Trunk Groups.

6.2 CLEC will issue a complete and accurate ASR to AT&T.

6.2.1 Within ten (10) business days after receipt and review of the TGSR; or

6.2.2 At any time as a result of either Party's own capacity management assessment, in order to begin the provisioning process. The standard interval used for the provisioning process will be twenty (20) business days

6.2.3 In a blocking situation, or upon reasonable demonstration that blocking is likely, if the order is not expedited when either Party requests an expedited order, every effort will be made to accommodate the request.

- 6.3 Projects require the coordination and execution of multiple orders or related activities between and among AT&T and CLEC work groups, including but not limited to the initial establishment of Local Interconnection or Meet Point Trunk Groups and service in an area, the introduction of a new switch or central offices, NXX code moves, re-homes, facility grooming, or network rearrangements.

6.3.1 Orders that comprise a project shall be jointly planned and coordinated.

- 6.4 CLEC will be responsible for engineering its network on its side of the Point of Interconnection (POI). AT&T will be responsible for engineering its network on its side of the POI.
- 6.5 If one of the Parties is unable to or not ready to perform Acceptance Tests, or is unable to accept the Local Interconnection and Meet Point Trunk Groups by the due date, the Party will provide a requested revised service due date. If CLEC requests a service due date change which exceeds the 31 calendar days after the original due date, the ASR must be cancelled by the CLEC. Should the CLEC fail to cancel such an ASR, AT&T shall treat the ASR as if it were cancelled.
- 6.6 Trunk servicing responsibilities for OPERATOR SERVICES trunks used for stand-alone Operator Service or Directory Assistance are the sole responsibility of CLEC.
- 6.7 In the event that a Party requires trunk servicing within shorter time intervals than those provided for in this Appendix due to end user demand, such Party may designate its ASR as an "Expedite" and the other Party shall use best efforts to issue its FOC and DLR and install service within the requested interval.

7. SERVICING OBJECTIVE/DATA EXCHANGE

- 7.1 Each Party agrees to service trunk groups in a timely manner to the Trunk Design Blocking Criteria as necessary to meet customer demand.
- 7.2 Exchange of traffic data enables each Party to make accurate and independent assessments of trunk group service levels and requirements. Parties agree to exchange this data and to work cooperatively to implement an exchange of traffic data utilizing FTP computer to computer file transfer process.

8. INSTALLATION, MAINTENANCE, TESTING AND REPAIR

- 8.1 Where available and at the request of either Party, each Party shall cooperate to ensure that its trunk groups are configured utilizing the B8ZS ESF protocol for 64 kbps Clear Channel Capability (64CCC) transmission to allow for ISDN interoperability between the Parties' respective networks where it is currently deployed at the time of the request. Trunk groups configured for 64CCC and carrying Circuit Switched Data (CSD) ISDN calls shall carry the appropriate Trunk Type Modifier in the CLCI-Message code. Trunk groups configured for 64CCC and not used to carry CSD ISDN calls shall carry a different code that is appropriate for the Trunk Type Modifier in the CLCI-Message code.
- 8.2 AT&T will engineer all Local Interconnection Trunk Groups between AT&T and CLEC to a 6dB of digital pad configuration. Further, as of the date of the execution of this Agreement, AT&T and CLEC will cooperatively work to identify and convert all existing Local Interconnection Trunk Groups to a 6dB of digital pad configuration.
- 8.3 Each Party will provide to the other test-line numbers (i.e., switch milliwatt numbers) and access to test lines.
- 8.3.1 Each Party will cooperatively plan and implement coordinated testing and repair procedures, which may include industry standard 105 and 108 tests, for the meet point and Local Interconnection trunks and facilities to ensure trouble reports are resolved in a timely and appropriate manner.

9. NETWORK MANAGEMENT

9.1 Restrictive Controls

Either Party may use protective network traffic management controls such as 7-digit and 10-digit code gaps set at appropriate levels on traffic toward each other's network, when required, to protect the public switched network from congestion due to facility failures, switch congestion, or failure or focused overload. CLEC and AT&T will immediately notify each other of any protective control action planned or executed.

9.2 Expansive Controls

Where the capability exists, originating or terminating traffic reroutes may be implemented by either Party to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes will not be used to circumvent normal trunk servicing. Expansive controls will only be used when mutually agreed to by the Parties.

9.3 Mass Calling

CLEC and AT&T shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes.

APPENDIX NETWORK INTERCONNECTION METHODS (NIM)

This Appendix NIM to Attachment 11: Network Interconnection Architecture designates Network Interconnection Methods (NIM) to be used by the Parties to obtain interconnection. These include, but are not limited to: Fiber Meet Point; Virtual Collocation; SONET Based; Physical Collocation, leasing of facilities from a third party; CLEC self-buildout; or other mutually agreeable methods of obtaining interconnection.

1. FIBER MEET POINT

- 1.1 Fiber Meet Point between AT&T and CLEC can occur at any mutually agreeable, economically and technically feasible point at an AT&T tandem or end office building within each LATA. The Fiber Meet Point will be a point-to-point linear chain SONET system over single mode fiber optic cable. If Fiber Meet Point shall be used to provide interconnection trunking as defined in Appendix ITR to Attachment 11: Network Interconnection Architecture for trunk groups used to carry Section 251(b)(5)/IntraLATA Toll Traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and IntraLATA Toll provider or IntraLATA Toll Traffic originating from an end user obtaining local dialtone from AT&T where AT&T is both the Section 251(b)(5) Traffic and IntraLATA Toll provider (hereinafter "Local Interconnection Trunk Groups").

Fiber Meet Point shall be used to provide transport for Local Interconnection Trunk Groups as defined in Appendix ITR to Attachment 11: Network Interconnection Architecture (NIA).

1.1.1 Intentionally Left Blank.

- 1.1.2 Fiber Meet Point: CLEC will provide fiber cable to the last entrance manhole at the AT&T tandem switch building or end office switch building with which CLEC wishes to interconnect. CLEC will provide a sufficient length of fiber optic cable for AT&T to pull the fiber cable to the AT&T cable vault for termination. In this case the POI shall be at the manhole location

1.1.2.1 Each Party is responsible for designing, provisioning, ownership and maintenance of all equipment and facilities on its side of the POI. Each Party is free to select the manufacturer of its Fiber Optic Terminal (FOT). Neither Party will be allowed to access the Data Communication Channel (DCC) of the other Party's FOT.

1.1.2.2 The fiber connection point shall occur at the following location:

1.1.2.2.1 A manhole outside of the AT&T central office. In this situation, CLEC will provide sufficient fiber optic cable for AT&T to pull the cable into the AT&T cable vault for termination. The POI will be at the manhole and AT&T will assume maintenance responsibility for the fiber cabling from the manhole to the FDF.

- 1.2 Consistent with this Agreement, the Parties will mutually agree upon the precise terms of each Fiber Meet Point facility. These terms will cover the technical details of the Fiber Meet Point as well as other network interconnection, provisioning and maintenance issues.
- 1.3 The AT&T tandem or end office switch includes all AT&T FOT, multiplexing and fiber required to take the optical signal hand-off provided from CLEC for Local Interconnection Trunk Groups as outlined in Appendix ITR. This location is AT&T responsibility to provision and maintain.
- 1.4 In a Fiber Meet Point, CLEC and AT&T will mutually agree on the capacity of the FOT(s) to be utilized. The capacity will be based on equivalent DS1s that contain Local Interconnection Trunk Groups. Each Party will also agree upon the optical frequency and wavelength necessary to implement the interconnection. The Parties will develop and agree upon methods for the capacity planning and management for these facilities, terms and conditions for over-provisioning facilities, and the necessary

processes to implement facilities as indicated below. These methods will meet quality standards as mutually agreed to by CLEC and AT&T.

2. AVOIDANCE OF OVER-PROVISIONING

- 2.1 Underutilization is the inefficient deployment and use of the network due to forecasting a need for more capacity than actual usage requires and results in unnecessary costs for SONET systems. To avoid over-provisioning, the Parties will agree to joint facility growth planning as detailed below.

3. JOINT FACILITY GROWTH PLANNING

- 3.1 The initial fiber optic system deployed for each interconnection shall be the smallest standard available. For SONET this is an OC-3 system. The following lists the criteria and processes needed to satisfy additional capacity requirements beyond the initial system.
- 3.2 Criteria:
- 3.2.1 Investment is to be minimized;
- 3.2.2 Facilities are to be deployed in a "just in time" fashion.
- 3.3 Processes:
- 3.3.1 Discussions to provide relief to existing facilities will be triggered when either Party recognizes that the overall system facility (DS1s) is at 65% capacity.
- 3.3.2 Both Parties will perform a joint validation to ensure current trunks have not been over-provisioned. If any trunk groups are over-provisioned, trunks will be turned down as appropriate. If any trunk resizing lowers the fill level of the system below 65%, the growth planning process will be suspended and will not be reinitiated until a 65% fill level is achieved. Trunk design blocking criteria described in Appendix ITR will be used in determining trunk group sizing requirements and forecasts.
- 3.3.3 If based on the forecasted equivalent DS1 growth, the existing fiber optic system is not projected to exhaust within one year, the Parties will suspend further relief planning on this interconnection until a date one year prior to the projected exhaust date. If growth patterns change during the suspension period, either Party may re-initiate the joint planning process;
- 3.3.4 If the placement of a minimum size FOT will not provide adequate augmentation capacity for the joint forecast over a two year period, and the forecast appears reasonable based upon history, the appropriately sized system shall be deployed at the outset. If the forecast indicates volume sufficient to justify a system larger than OC-3, AT&T shall provide such a system. If the forecast does not justify installing a system larger than OC-3, another minimally size system (such as on OC-3) should be placed. This criteria assumes both Parties have adequate fibers for either scenario. If adequate fibers do not exist, both Parties would negotiate placement of additional fibers.
- 3.3.5 Both Parties will negotiate a project service date and corresponding work schedule to construct relief facilities in an effort to achieve "just in time" deployment;
- 3.3.6 The joint planning process/negotiations should be completed within two months of identification of 70% fill.

4. VIRTUAL COLLOCATION

- 4.1 The description of Virtual Collocation is contained in Attachment 13A, Collocation.

5. SONET-BASED

5.1 Intentionally Left Blank.

6. PHYSICAL COLLOCATION

6.1 The terms and conditions governing Physical Collocation are contained in Attachment 13A, Collocation.

7. LEASING OF FACILITIES FROM A THIRD PARTY OR CLEC SELF-BUILDOUT

7.1 CLEC's leasing of facilities from a Third Party Carrier or self-buildout for purposes of Attachment 11: Network Interconnection Architecture shall be up to the discretion of CLEC.

8. INTENTIONALLY LEFT BLANK

ATTACHMENT 12: INTERCARRIER COMPENSATION

1. INTRODUCTION

AT&T agrees to comply with all generic Public Utilities Commission of Ohio reciprocal compensation decisions regarding internet service traffic, subject to the final outcome of appeals of those decisions and the reciprocal compensation selected by the CLEC under this Agreement. Both parties, however, reserve all rights to contest any order or decision requiring the payment of reciprocal compensation for internet service traffic, including the right to seek refunds or to implement a new system of reciprocal compensation, pursuant to regulatory or judicial approval in accordance with the intervening law provisions in the General Terms and Conditions. Nothing in this Attachment shall constitute an admission by AT&T that ISP-Bound Traffic (as defined in Section 1.2) is in fact Section 251(b)(5) Traffic (as defined below) subject to reciprocal compensation under the 1996 Federal Telecommunications Act.

- 1.1 For purposes of compensation under this Agreement, the telecommunications traffic traded between CLEC and AT&T will be classified as either Section 251(b)(5) Traffic (including Local Traffic), ISP-Bound Traffic, Transit Traffic, IntraLATA Interexchange Traffic, Meet Point Billing, FX Traffic (Virtual, Dedicated and FX-type), FGA Traffic,.

The Parties agree that, notwithstanding the classification of traffic under this Agreement, either Party is free to define its own "local" calling area(s) for purposes of its provision of telecommunications services to its end users. The provisions of this Attachment apply to calls originated over the originating carrier's facilities or over Unbundled Network Elements, as defined in this Agreement. The provisions of this Attachment do not apply to traffic originated over services provided under local Resale service.

- 1.2 Calls originated by CLEC's end users and terminated to AT&T's end users (or vice versa) will be classified as Section 251(b)(5) Traffic under this Agreement and subject to reciprocal compensation if the call: (i) originates and terminates to such end-users in the same AT&T exchange area; or (ii) originates and terminates to such end-users within different AT&T Exchanges that share a common mandatory local calling area, as defined in AT&T tariff, e.g., mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other like types of mandatory expanded local calling scopes. Calls originated by AT&T's end users and terminated to an ISP served by a CLEC (or vice versa) will be classified as compensable "ISP-Bound Traffic" in accordance with the FCC's Order on Remand and Report and Order, In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996, Intercarrier Compensation for ISP-Bound Traffic, FCC 01-131, CC Docket Nos. 96-98, 99-68 (rel. April 27, 2001) (FCC ISP Compensation Order") if the call (i) originates from end users and terminates to an ISP in the same AT&T exchange area; or (ii) originates from end users and terminates to an ISP within different AT&T Exchanges that share common mandatory local calling area, as defined in AT&T's tariff, e.g., mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other like types of mandatory expanded local calling scopes.

- 1.3 CLEC may establish its own local calling areas or prices for purpose of retail telephone service offerings.

- 1.3.1 The transport and termination compensation for Virtual FX, Dedicated FX, and FX-type Traffic will be "Bill and Keep."

Foreign Exchange (FX) services are retail service offerings purchased by FX customers which allow such FX customers to obtain exchange service from a mandatory local calling area other than the mandatory local calling area where the FX customer is physically located. FX service enables particular end-user customers to avoid what might otherwise be toll calls between the FX customer's physical location and customers in the foreign exchange. There are two types of FX service:

- 1.3.1.1 "Dedicated FX Traffic" shall mean those calls routed by means of a physical, dedicated circuit delivering dial tone or otherwise serving an end user's station from a serving Central Office (also known as End Office) located outside of that station's mandatory local calling area. Dedicated FX Service permits the end user

physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, "foreign," exchange, thereby creating a local presence in that "foreign" exchange.

- 1.3.1.2 "Virtual Foreign Exchange (FX) Traffic" and "FX-type Traffic" shall refer to those calls delivered to telephone numbers that are rated as local to the other telephone numbers in a given mandatory local calling area, but where the recipient end user's station assigned that telephone number is physically located outside of that mandatory local calling area. Virtual FX Service also permits an end user physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, foreign," exchange, thereby creating a local presence in the "foreign" exchange. Virtual FX Service differs from Dedicated FX Service, however, in that Virtual FX end users continue to draw dial tone or are otherwise served from a Central (or End) Office which may provide service across more than one Commission-prescribed mandatory local calling area, whereas Dedicated FX Service end users draw dial tone or are otherwise served from a Central (or End) Office located outside their mandatory calling area.
- 1.3.2 "FX Telephone Numbers" (also known as "NPA-NXX" codes) shall be those telephone numbers with different rating and routing points relative to a given mandatory local calling area. FX Telephone Numbers that deliver second dial tone and the ability for the calling party to enter access codes and an additional recipient telephone number remain classified as Feature Group A (FGA) calls, and are subject to the originating and terminating carrier's tariffed Switched Exchange Access rates (also known as "Meet Point Billed" compensation), or if jointly provisioned FGA service. The Terminating Carrier shall be responsible for not billing any minutes of use on its network that are "Virtual FX Traffic," "FX-type Traffic," or "Dedicated FX Service" as defined herein. To the extent minutes of use are nevertheless billed and paid by the originating carrier, but later found to be Virtual FX, Dedicated FX, or FX-type Traffic that should have been subject to Bill and Keep, the terminating carrier will be responsible for reimbursing the originating carrier the amount of compensation paid, plus interest at the interest rate referenced in the General Terms & Conditions of this Agreement.
- 1.3.3 Intentionally Left Blank.
- 1.3.4 To the extent that ISP-Bound Traffic is provisioned via Virtual FX Traffic, Dedicated FX Traffic, or other FX-type arrangement, it is subject to the compensation mechanism of Bill and Keep.
- 1.4 Intentionally Left Blank.
- 1.5 AT&T made an offer (the "Offer") to all Telecommunications Carriers in the State of Ohio to exchange Section 251(b)(5) Traffic pursuant to the terms and conditions of the FCC's interim ISP terminating compensation plan of the FCC's Order on Remand and Report and Order, In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996, Intercarrier Compensation for ISP-Bound Traffic, FCC 01-131, CC Docket Nos. 96-98, 99-68, (rel. April 27, 2001) ("FCC ISP Compensation Order") which as remanded but not vacated in WorldCom, Inc. v. FCC, No. 01-1218 (D.C. Cir. 2002).
- 1.5.1 AT&T and CLEC agree to carry out the FCC's interim ISP terminating compensation plan as of the Effective Date of this Agreement without waiving and expressly reserving, all appellate rights to contest FCC, judicial, legislative, or other regulatory rulings regarding ISP-Bound traffic, including, but not limited to, appeals of the FCC's ISP Compensation Order. By agreeing to this Attachment, both Parties reserve the right to advocate their respective positions before courts, state or federal commissions, or legislative bodies.
- 1.6 AT&T and CLEC agree to exchange All ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's ISP Terminating Compensation Plan Rate
- 1.6.1 Compensation Rate Schedule for ISP-Bound Traffic and Section 251(b)(5) Traffic:
 - 1.6.1.1 The rates, terms, conditions in Sections 1.6.1 through 1.6.4 apply to the termination of all ISP-Bound Traffic and all Section 251(b)(5) Traffic. ISP-Bound Traffic is subject to the rebuttable presumption. Notwithstanding anything contrary in this Attachment, the rebuttable presumption apply to CLEC and AT&T.

1.6.1.2 The Parties agree to compensate each other for the transport and termination of ISP-Bound Traffic and Section 251(b)(5) Traffic on a minute of use basis, at \$.0007 per minute of use.

1.6.1.3 Payment of Intercarrier Compensation on ISP-Bound Traffic and Section 251(b)(5) Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.

1.6.2 Intentionally Omitted.

1.6.3 Intentionally Omitted.

1.6.4 ISP-Bound Traffic Rebuttable Presumption

In accordance with Paragraph 79 of the FCC's ISP Compensation Order, CLEC and AT&T agree that there is a rebuttable presumption that any of the combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between CLEC and AT&T exceeding a 3:1 terminating to originating ratio is presumed to be ISP-Bound Traffic subject to the compensation and growth cap terms in this Section 1.6. Either party has the right to rebut the 3:1 ISP presumption by identifying the actual ISP-Bound Traffic by any means mutually agreed by the Parties, or by any method approved by the Commission. If a Party seeking to rebut the presumption takes appropriate action at the Commission pursuant to section 252 of the Act and the Commission agrees that such Party has rebutted the presumption, the methodology and/or means approved by the Commission for use in determining the ratio shall be utilized by the Parties as of the date of the Commission approval and, in addition, shall be utilized to determine the appropriate true-up as described below. During the pendency of any such proceedings to rebut the presumption, CLEC and AT&T will remain obligated to pay the presumptive (reciprocal compensation rates for traffic below a 3:1 ratio, the rates set forth in Section 1.6.1.2 for traffic above the ratio) subject to a true-up upon the conclusion of such proceedings.

1.6.5 Each party will invoice the other party on a monthly basis for Section 251(b)(5) Traffic and ISP-Bound Traffic at the rates set forth in Section 1.6.1.2.

1.7 Intentionally Left Blank.

2. RESPONSIBILITIES OF THE PARTIES

2.1 Each Party will include in the information transmitted to the other for each call being terminated on the other's network (where technically available), the originating Calling Party Number (CPN). For all traffic originated on a Party's network including, without limitation, Switched Access Traffic, and wireless traffic, such Party shall provide CPN as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with Section 2.5. Each Party to this Agreement will be responsible for passing on any CPN it receives from a third party for traffic delivered to the other Party. In addition, each Party agrees that it shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. If either party identifies improper, incorrect, or fraudulent use of local exchange services (including, but not limited to PRI, ISDN and/or Smart Trunks), or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, the Parties agree to cooperate with one another to investigate and take corrective action.

2.2 If one Party is passing CPN but the other Party is not properly receiving information, the Parties will work cooperatively to correct the problem.

2.3 For traffic which is delivered by one Party to be terminated on the other Party's network, if the percentage of such calls passed with CPN is greater than ninety percent (90%), all calls delivered by one Party to the other for termination without CPN will be billed as either Section 251(b)(5) Traffic or IntraLATA Toll Traffic in direct proportion to the total MOUs of calls delivered by one Party to the other with CPN. If the percentage of calls passed with CPN is less than 90%, all calls delivered by one Party to the other without CPN will be billed as Intrastate IntraLATA Toll Traffic.

2.4 CLEC has the sole obligation to enter into a compensation agreement with third party carriers that CLEC originates traffic to and terminates traffic from, including traffic either originated or terminated to a CLEC end-

user served by CLEC using an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis. In no event will AT&T have any liability to CLEC or any third party if CLEC fails to enter into such compensation arrangements. In the event that traffic is exchanged with a third party carrier with whom CLEC does not have a traffic compensation agreement, CLEC will indemnify, defend and hold harmless AT&T against any and all losses including without limitation, charges levied by such third party carrier. The third party carrier and CLEC will bill their respective charges directly to each other. AT&T will not be required to function as a billing intermediary, e.g., clearinghouse. AT&T may provide information regarding such traffic to other telecommunications carriers or entities as appropriate to resolve traffic compensation issues.

3.0 Intercarrier Compensation for Wholesale Local Switching Traffic

3.1 Where CLEC provides service to an CLEC end user using any combination of Network Elements that utilizes an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis, CLEC will deal directly with a third party carrier for purposes of reciprocal compensation. The following reciprocal compensation terms shall apply in all cases where CLEC purchases an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis. These terms and conditions are in addition to the terms and conditions outlined in Attachment 6. AT&T is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this section.

3.1.1 For intra-switch Section 251(b)(5) Traffic and ISP-Bound Traffic where CLEC has purchased an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis, the Parties agree to impose no call termination charges pertaining to reciprocal compensation on each other.

3.1.2 For interswitch Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between AT&T end users and CLEC's end users where CLEC utilizes an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis, the Parties agree to compensate each other for the termination of such traffic at: (i) the FCC Plan rate specified in Section 1.6.1.2 for the transport and termination of Section 251(b)(5) Traffic, including ISP-Bound Traffic.

4. INTENTIONALLY OMITTED

5. TRANSIT TRAFFIC COMPENSATION

5.1 Transit Traffic is a switching and transport function only, which allows one Party (originating Party) to send Local Traffic, as defined in Section 1.1, to a third party network through the other Party's tandem and/or transport facilities (tandem Party). The Transit Rate, set forth in the Pricing Schedule, is charged by the tandem Party to the originating Party on a MOU basis. The Transit Rate element is only applicable when calls do not terminate to the tandem Party's End User.

5.2 Where the Transit Provider is sent CPN by the originating carrier, the Transit Provider will send the original and true CPN to the terminating Party. Except as provided in Section 9, below, terminating carriers shall be required to directly bill third parties that originate calls and send traffic over Transiting Carrier's network.

5.3 In the event one Party originates traffic that transits the other Party's network to reach a third party telecommunications carrier with whom the originating Party does not have a traffic interexchange agreement, then the originating Party will indemnify the transiting Party for any lawful charges that any terminating third-party carrier imposes or levies on the transiting Party for the delivery or termination of such traffic.

5.4 Unless otherwise provided in this Agreement, neither the terminating party nor the tandem provider will be required to function as a billing intermediary, e.g. clearinghouse.

5.5 Subject to section 9 below, CLEC shall not bill AT&T for terminating any Transit traffic, whether identified or unidentified, i.e. whether AT&T is sent CPN or is not sent CPN by the originating company. However, in the

event CLEC indicates to AT&T that unidentified transit traffic volume has become significant, AT&T agrees to work with CLEC to explore alternatives and to devise a jointly agreed approach to minimizing the amount of unidentified transit traffic.

- 5.6 The transit rate above shall also apply in the case of Local Traffic originated in third party ILEC exchange areas that traverses the AT&T Tandem Office Switch and terminates in other third party exchange areas, providing the other LEC exchanges share a common mandatory local calling area with all AT&T exchanges included in a metropolitan exchange.

6. SEGREGATING AND TRACKING FX TRAFFIC

- 6.1 In order to ensure that Virtual FX, Dedicated FX, and FX-type Traffic is being properly segregated from other types of intercarrier traffic, the terminating carrier will be responsible for keeping a written record of all FX Telephone Numbers (whether Dedicated, Virtual, and FX-type) for which originating access charges apply and providing an NXX level summary of the minutes of use to FX Telephone Numbers on its network to the originating carrier each month (or in each applicable billing period, if not billed monthly).
- 6.2 Each Party shall maintain reports, records and data relevant to the billing of such FX services addressed herein for a period of not less than twenty-four (24) months after creation thereof, unless a longer period is required by Applicable Law.
- 6.3 Alternatively, CLEC may elect to assign a Percentage of FX Usage (PFX) which shall represent the estimated percentage of minutes of use that is attributable to all Dedicated FX, Virtual FX, and FX-type Traffic in a given usage month. Once the CLEC elects this method to estimate the percentage of minutes of use that is attributable to FX traffic, Section 7.1 no longer applies, until and unless the Parties mutually agree to segregate and track such traffic at an NXX level summary. If the parties can not reach agreement on the appropriate PFX Factor, the Parties shall engage in the dispute resolution process set forth in this agreement. During the dispute resolution process, disputed amounts for FX Traffic will remain unpaid by the Party billed and are not subject to interest during the pendency of such Intercarrier Compensation dispute.

7.0 COMPENSATION FOR TERMINATION OF INTRALATA INTEREXCHANGE TOLL TRAFFIC

- 7.1 IntraLATA Interexchange Traffic, not considered EAS Traffic and carried on the jointly-provided ILEC network, is considered as IntraLATA Toll Traffic and is subject to tariff access charges. Billing arrangements are outlined in Section 11.
- 7.2 Compensation for the termination of this traffic will be at terminating access rates for Message Telephone Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge, as set forth in each Party's intrastate access service tariff.
- 7.3 For interstate IntraLATA service, compensation for terminating of intercompany traffic will be at terminating access rates for Message Telephone Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge, as set forth in each Party's interstate access service tariff.

8.0 COMPENSATION FOR ORIGINATION AND TERMINATION OF SWITCHED ACCESS SERVICE TRAFFIC TO OR FROM AN INTEREXCHANGE CARRIER (IXC) (MEET-POINT BILLING (MPB) ARRANGEMENTS)

- 8.1 For interLATA traffic and intraLATA traffic, compensation for termination of intercompany traffic will be at access rates as set forth in each Party's own applicable interstate or intrastate access tariffs.
- 8.2 The Parties will establish MPB arrangements in order to provide Switched Access Services to Interexchange Carriers via a Party's access tandem switch, in accordance with the MPB guidelines adopted by and contained in the Ordering and Billing Forum's MECOD and MECAB documents. Except as modified herein, MPB will be determined during joint network planning.

- 8.3 The Parties will maintain provisions in their respective federal and state access tariffs, or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff, sufficient to reflect this MPB arrangement, including MPB percentages.
- 8.4 As detailed in the MECAB document, the Parties will exchange all information necessary to accurately, reliably and promptly bill third parties for Switched Access Services jointly handled by the parties via the MPB arrangement. The Parties will exchange the information in Exchange Message Interface (EMI) format or via a mutually acceptable electronic file transfer protocol. Where the EMI records cannot be transferred due to a transmission failure, records can be provided via a mutually acceptable medium. The exchange of Access Usage Records ("AURs") to accommodate meet point billing will be on a reciprocal, no charge basis. Each Party agrees to provide the other Party with AURs based upon mutually agreed upon intervals. Each Party will act as the Official Recording Company for switched Access usage when it is jointly provided between the Parties. As described in the MECAB document, the Official Recording Company for tandem routed traffic is: (1) the end office company for originating traffic, (2) the tandem company for terminating traffic and (3) the SSP company for originating 800 traffic.
- 8.5 Initially, billing to interexchange carriers for the Switched Access Services jointly provided by the parties via the MPB arrangement will be according to the multiple bill single tariff method. As described in the MECAB document each Party will render a bill in accordance with its tariff for its portion of the service. Each Party will bill its own network access service rates to the IXC. The residual interconnection charge (RIC), if any, will be billed by the Party providing the End Office function.
- 8.6 MPB will also apply to all jointly provided traffic bearing the 900, 800 and 888 NPAs or any other non-geographical NPAs which may likewise be designated for such traffic where the responsible party is an IXC.
- 8.7 The Party that performs the SSP function (launches the query to the 800 database) will bill the 800 Service Provider for this function.
- 8.8 AT&T and CLEC agree to provide the other party with notification of any discovered errors in the record exchange process within ten (10) Business Days of the discovery.
- 8.9 In the event of a loss of data, both parties shall cooperate to reconstruct the lost data within sixty (60) calendar days of notification and if such reconstruction is not possible, shall accept a reasonable estimate of the lost data, based upon no less than three (3) and no more than twelve (12) consecutive months of prior usage data.
9. INTENTIONALLY OMITTED
10. BILLING ARRANGEMENTS FOR TERMINATION OF SECTION 251(B)(5) TRAFFIC, ISP-BOUND TRAFFIC AND INTRALATA TOLL TRAFFIC
- 10.1 In AT&T OHIO, each Party, unless otherwise agreed, will calculate terminating interconnection minutes of use based on standard switch recordings made within the terminating carrier's network for Section 251(b)(5) Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. These terminating recordings are the basis for each Party to generate bills to the originating carrier.
- 10.1.1 Where a CLEC is terminating traffic to its switch, CLEC is not technically capable of billing the originating carrier through the use of terminating records, AT&T will provide the terminating CLEC the appropriate call records that will allow the terminating CLEC the ability to directly bill the proper intercarrier compensation charges to the originating carrier
- 10.1.2 Where CLEC is using terminating recordings to bill intercarrier compensation, AT&T will provide the terminating Category 11-01-XX records by means of the Daily Usage File (DUF) to identify traffic that originates from an end user being served by a third party telecommunications carrier using an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis. Such records will

contain the Operating Company Number (OCN) of the responsible LEC that originated the calls which CLEC may use to bill such originating carrier for MOUS terminated on CLEC's network.

- 10.2 ISP-Bound Traffic will be calculated using the 3:1 Presumption as outlined in Section 1.6.4 above.
- 10.3 The measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.
- 10.4 In the event of a loss of data, both Parties shall cooperate to reconstruct the lost data within sixty (60) days of notification and if such reconstruction is not possible, shall accept a reasonable estimate of the lost data, based upon no more than three (3) to twelve (12) consecutive months of prior usage data.

11. INTENTIONALLY OMITTED

12. SWITCHED ACCESS TRAFFIC

- 12.1 PSTN-IP-PSTN traffic is subject to switched access charges. For purposes of this Agreement only, Switched Access Traffic shall mean all traffic that originates from an end user physically located in one local exchange and delivered for termination to an end user physically located in a different local exchange (excluding traffic from exchanges sharing a common mandatory local calling area as defined in AT&T's local exchange tariffs on file with the Public Utilities Commission of Ohio) including, without limitation, any traffic that (i) terminates over a Party's circuit switch, including traffic from a service that originates over a circuit switch and uses IP transport technology (regardless of whether only one provider uses IP transport or multiple providers are involved in providing IP transport) and/or (ii) originates from the end user's premises in IP format and is transmitted to the switch of a provider of voice communication applications or services when such switch utilizes IP technology and terminates over a Party's circuit switch. Notwithstanding any contrary provisions contained within this Agreement, all Switched Access Traffic shall be delivered to the terminating party over feature group access trunks per the terminating party's access tariff(s) and shall be subject to applicable intrastate and interstate switched access charges; provided, however, the following categories of Switched Access Traffic are not subject to the above stated requirement relating to routing over feature group access trunks:
 - i. IntraLATA toll Traffic or Optional EAS Traffic from a CLEC end user that obtains local dial tone from CLEC where CLEC is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider,
 - ii. IntraLATA toll Traffic or Optional EAS Traffic from an AT&T's end user that obtains local dial tone from AT&T where AT&T is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider,
 - iii. Switched Access Traffic delivered to AT&T from an IXC where the terminating number is ported to another CLEC and the IXC fails to perform the Local Number Portability (LNP) query; and/or
 - iv. Switched Access Traffic delivered to either Party from a third party competitive local exchange carrier over interconnection trunk groups carrying Section 251(b)(5) Traffic and ISP-bound Traffic destined to the other Party.

In the limited circumstances in which a third party CLEC delivers Switched Access Traffic as described above to either Party over Local Interconnection Trunk Groups, such Party may deliver such Switched Access Traffic to the terminating Party over Local Interconnection Trunk Groups. If it is determined that such traffic has been delivered over Local Interconnection Trunk Groups, the terminating Party may object to the delivery of such traffic by providing written notice to the delivering Party pursuant to the notice provisions set forth in the General Terms and Conditions and request removal of such traffic. The Parties will work cooperatively to identify the traffic with the goal of removing such traffic from the Local Interconnection Trunk Groups. If the delivering Party has not removed or is unable to remove such traffic within sixty (60) days of receipt of notice from the other party, the Parties agree to jointly file a complaint or any other appropriate action with the Public Utilities Commission of Ohio to seek any necessary permission to remove the traffic

from such trunks up to and including the right to block such traffic and to obtain compensation, if appropriate, from the third party CLEC delivering such traffic to the extent it is not blocked. The Parties shall exchange enhanced/information services traffic, including without limitation VoIP traffic and other enhanced services traffic (collectively, "IP Traffic") in accordance with this section.

ATTACHMENT 13: ANCILLARY FUNCTIONS

1. INTRODUCTION

- 1.1 This Attachment 13: Ancillary Functions, and its Appendices set forth the Ancillary Functions that AT&T agrees to offer to CLEC under this Agreement, and the requirements associated therewith. AT&T will offer these Ancillary Functions to CLEC on rates, terms and conditions that are just, reasonable, and non-discriminatory and in accordance with the terms and conditions of this Agreement.

2. COLLOCATION

- 2.1 Certain provisions applicable to the Parties' rights and obligations pertaining to physical collocation are set forth in Attachment Collocation, attached hereto.

3. RIGHTS OF WAY (ROW), CONDUITS AND POLE ATTACHMENTS

- 3.1 The provisions concerning CLEC's access to and use of space on or within a pole, duct, conduit, or right-of-way owned or controlled by AT&T are set forth in Appendix Poles, Conduits, and Rights-Of-Way, attached hereto.

ATTACHMENT 13A - COLLOCATION

Table of Contents

1.0	INTRODUCTION	3
2.0	DEFINITIONS	4
3.0	GENERAL	6
4.0	LIMITATION OF LIABILITY	15
5.0	COLLOCATION SPACE	18
6.0	REPORTS.....	21
7.0	APPLICATION PROCESS	21
8.0	AUGMENT APPLICATION	24
9.0	CANCELLATION PRIOR TO DUE DATE.....	24
10.0	OCCUPANCY – PHYSICAL COLLOCATION ONLY	24
11.0	EFFICIENTLY USED	25
12.0	RELOCATION	26
13.0	COMPLETE SPACE DISCONTINUANCE	27
14.0	FIBER OPTIC CABLE AND DEMARCATION POINT	29
15.0	ENTRANCE FACILITY CONDUIT TO VAULT, PER CABLE SHEATH.....	30
16.0	VIRTUAL COLLOCATION – COOPERATIVE RESPONSIBILITIES	30
17.0	INTERCONNECTION TO OTHERS WITHIN THE SAME ELIGIBLE STRUCTURE	31
18.0	EXTRAORDINARY CHARGES, SPECIAL CONSTRUCTION AND CUSTOM WORK / ICB CHARGES:	31
19.0	DC POWER ARRANGEMENT PROVISIONING AND POWER REDUCTION	31
20.0	COLLOCATION IN CEV'S, HUTS AND CABINETS	33

1.0 Introduction

- 1.1 This Attachment sets forth the terms and conditions pursuant to which the applicable AT&T-owned Incumbent Local Exchange Carrier (ILEC) will provide Physical and Virtual Collocation pursuant to 47 U.S.C. § 251(c)(6). AT&T will provide Collocation arrangements at the rates, terms and conditions set forth herein. Collocation is available to CLEC for the placement of Telecommunications Equipment as provided for in this Attachment solely for the purposes of (i) transmitting and routing Telephone Exchange Service or Exchange Access pursuant to 47 U.S.C. § 251(c)(2) of the Act and applicable effective FCC regulations and judicial rulings, or (ii) obtaining access to AT&T's 251(c)(3) Unbundled Network Elements (UNEs) for the purpose of providing Telecommunications Service pursuant to 47 U.S.C. § 251(c)(3) of the Act and effective FCC rules and associated and effective FCC and judicial orders.
- 1.2 Unless otherwise specified, the terms and conditions in this Attachment apply to both Virtual and Physical Collocation Arrangements. This Attachment provides for the placing of certain Collocator Telecommunications Equipment and facilities on AT&T property for the purposes set forth in Section 1.1.
- 1.3 The terms and conditions expressly set forth in this Attachment shall control in the event of an irreconcilable conflict with any of the following: the Terms and Conditions of the Interconnection Agreement between the Collocator and AT&T and all appendices and/or other Attachments, the Collocation Services Handbook, AT&T's standards and requirements for equipment and facility installations, documentation on the AT&T CLEC Online website as it may change from time to time, or AT&T's TP-76300 which can be found on the AT&T CLEC Online website. References to "this Agreement" herein include the General Terms and Conditions and the other Attachments which comprise Collocator's Interconnection Agreement.
- 1.4 Unless otherwise specified, intervals and processes are described online in the Collocation Services Handbook and/or the appropriate Technical Publication (TP) found on AT&T CLEC Online website.
- 1.5 The rates, terms and conditions contained within this Attachment shall only apply when Collocator is physically or virtually collocated as a sole occupant or as a Host within an AT&T Premises pursuant to this Attachment.
- 1.6 This Attachment is only applicable to AT&T Premises owned or controlled by AT&T.
- 1.7 Scope:
 - 1.7.1 The Parties intend that this Attachment contain the sole and exclusive terms and conditions by which CLEC will obtain Collocation from AT&T pursuant to 47 U.S.C. § 251(c)(6), except to the extent CLEC may also have a Microwave Entrance Facility Collocation Attachment.
 - 1.7.2 AT&T will process any order for 251(c)(6) Collocation submitted by Collocator in accordance with this Attachment.
 - 1.7.3 The Collocation terms and conditions within this Attachment are contingent upon Collocator doing its own work through the use of an AT&T Approved Installation Supplier (AIS).
 - 1.7.4 Physical Collocation provides actual space (hereinafter referred to as Dedicated Space) within AT&T Eligible Structures as defined in Section 2 below. The Physical Collocator will lease the Dedicated Space from AT&T and install its own Telecommunications Equipment within the Dedicated Space that is necessary for the purposes set forth in Section 1.1 above.
 - 1.7.5 The Physical Collocator will provision, install and maintain its Collocation arrangement using the applicable AT&T AIS. When space is Legitimately Exhausted inside an Eligible Structure, AT&T will permit Collocation in Adjacent On-Site Structures located on AT&T's property in accordance with this Attachment.
 - 1.7.6 Virtual Collocation is separate and distinct from Physical Collocation. Virtually collocated Telecommunications Equipment is purchased by the Collocator and is engineered and installed by an AT&T AIS Tier 1. The Collocator's vendor is paid directly by the Collocator. Virtual Collocated equipment is maintained by AT&T at the direction of the Collocator.
- 1.8 Billing Conversions:
 - 1.8.1 Billing Conversions on previously provided Collocation under tariff will apply to all monthly recurring charges (MRCs) contained in the Collocation section of the Pricing Schedule attached. AT&T will initiate all orders

for such Billing Conversion and no non-recurring charges (NRCs) shall apply to CLEC for Billing Conversion orders.

1.8.2 Prospective Effect:

1.8.2.1 Any Billing Conversions made pursuant to this Section shall be effective on a prospective basis only for recurring charges. The rates implemented via this Agreement shall apply to all existing Collocation arrangements that were established under the terms and conditions established pursuant to 47 USC 251(c)(6) without the need for a specific request by the CLEC that such new rates be implemented for each such Collocation arrangement. Adoption of a new rate structure shall not by itself require purchaser to incur any new non-recurring Collocation area modification or application charges. In the event that any order for any 251(c)(6) Collocation submitted by Collocator is pending as of the Effective Date of the Agreement, any NRCs then due and owing or otherwise then contemplated by such pending order shall be assessed in accordance with the rates set forth in the arrangement (e.g., tariff or prior interconnection agreement) under which the order was originally submitted; provided, however, that any MRCs arising out of such order shall be subject to the rates set forth in this Agreement from the Effective Date forward.

2.0 Definitions

- 2.1 "Adjacent Structure" means when a Physical Collocator provided structure is placed on AT&T property (Adjacent On-site) adjacent to an Eligible Structure. This arrangement is only permitted when space is legitimately exhausted inside the Eligible Structure and to the extent adjacent space is available and Technically Feasible to use for this purpose.
- 2.2 "AT&T Premises" means all buildings falling under the FCC's definition of "premises", including AT&T ILEC Central Offices (COs) and Remote Terminals.
- 2.3 "Augment" means a request from a Collocator to add or modify space, equipment, and/or cable to an existing Collocation arrangement.
- 2.4 "Billing Conversions" means that any 251(c)(6) Collocation previously provided under tariff to CLEC, prior to the Effective Date of this Agreement, will be subject to the pricing contained within this Agreement upon the Effective Date of this Agreement.
- 2.5 "Circuit Facility Assignments (CFAs)" means the information provided to show the point of Interconnection between the Collocator and AT&T.
- 2.6 "Collocator" is the CLEC who places Telecommunications Equipment on AT&T's Premises, within designated Collocation areas, for the sole purpose of Interconnecting with AT&T and/or accessing AT&T's 251(c)(3) UNEs for the purpose described in this Attachment.
 - 2.6.1 A "Physical Collocator" is a CLEC that has a Physical Collocation arrangement on AT&T Premise.
 - 2.6.2 A "Virtual Collocator" is a CLEC that has a Virtual Collocation arrangement on AT&T Premise.
- 2.7 "Collo-to-Collo" (Also known as "Direct Connection" or "Direct Connect"), means the cable connection between a Collocator's collocated equipment in a Physical or Virtual Collocation arrangement and its own or another Collocator's physically or virtually collocated equipment, located within the same Eligible Structure.
- 2.8 "Cross-Connect" means a service order-generated connection of one or more Collocator's equipment cables using patch cords or jumpers that attach to connecting equipment hardware at the Main Distribution Frame (MDF), Intermediate Distribution Frame (IDF) or Fiber Distribution Frame (FDF).
- 2.9 "Custom Work Charge" (Also known as special construction), means the charge(s) developed on an ICB basis, solely to meet the construction requirements of the Collocator.
- 2.10 "Day" means, for purposes of application and/or installation intervals, calendar days unless otherwise specified. However, for any time period equal to or less than five (5) days, day denotes Business Day as defined in the General Terms and Conditions (GT&C) of this Agreement.
- 2.11 "Delivery Date" (Also known as Space Ready Date) means the date on which AT&T turns the functional Collocation space over to the requesting Collocator. The space is functional when AT&T has completed all work, as required by

the Collocator's accurate and complete Application, and is not dependent on when or whether the Collocator has completed its work.

- 2.12 "Dedicated Space" means the space assigned for the Collocator's Physical Collocation arrangement located in AT&T Eligible Structure.
- 2.13 "Effective Billing Date" means the date AT&T completed its work as required by the Collocator's accurate and complete application and made the Collocation space available to the Collocator, regardless of any failure by the Collocator to complete its work.
- 2.14 "Efficiently Used" means that at least sixty percent (60%) of the Collocator's specific type of CFA (cable pairs, coaxial or fiber facilities) requested is currently being used for the purpose of interconnecting to AT&T's network for the transmission and routing of Telephone Exchange Service or Exchange Access and/or means the Collocator is using between sixty (60) and one hundred percent (100%) of the Collocator's existing Collocation space arrangement in a particular Eligible Structure.
- 2.15 "Eligible Structure" means AT&T's Central Office (CO) and Serving Wire Centers, as well as, all buildings or similar structures owned or controlled by AT&T that house its network facilities, and all structures that house AT&T's facilities on public Rights-of-Way (ROW) as ROW is defined in Attachment 03 - Structure Access.
- 2.16 "Extraordinary Charges" means those costs for requests for construction or maintenance that are beyond what is ordinary, average, usual or normal in degree or measure based upon the terms, conditions, and rates established in this Attachment. Extraordinary costs are one-time expenses AT&T incurs to meet the specific request of an individual Collocator and will not typically benefit either other CLECs or AT&T.
- 2.17 "Guest-Host" (Also known as Sub-leased) means when a Collocator allows other Telecommunications Carriers to share Collocator's caged Collocation arrangement, pursuant to the terms and conditions agreed to by Collocator (Host) and the other Telecommunications Carriers (Guests).
- 2.18 "Individual Case Basis (ICB)" means the charges based on requests from a Collocator, that are beyond the terms, conditions, and rates established in this Attachment.
- 2.19 "Infrastructure Systems" means the structural components, such as: floors capable of supporting equipment loads, heating, ventilating and air conditioning (HVAC) systems, electrical systems, power, high efficiency filtration, humidity controls, remote alarms, and smoke purge.
- 2.20 "AT&T Approved Installation Supplier (AT&T AIS)" means the suppliers that are approved to perform CO installation work for AT&T and for Collocators in AT&T Eligible Structures.
 - 2.20.1 Approved CO Installation Suppliers Tier 1 (AT&T AIS Tier 1) - These suppliers are approved by AT&T to perform CO installation work for AT&T and for Virtual Collocators in AT&T CO in all Collocation areas and common areas in the technologies and geographical locations for which they are approved by the AT&T per the letter codes listed in a table on the Tier 1 list on the AT&T CLEC Online website.
 - 2.20.2 AT&T Collocation Approved Installation Suppliers Tier 2 (AT&T AIS Tier 2) - These suppliers have been approved to perform collocation installation work for Physical Collocators in the Caged Collocation area and in the "footprint of the bay" in the cageless (Physical) Collocation area within the CO. This category of approval does not include access to common areas, installation of cabling outside of the cage or footprint, Virtual Collocation areas, or the Main Distribution Frame (MDF).
- 2.21 "Interconnector's Collocation Services Handbook for Physical or Virtual Collocation" or like document, is a publication provided to Collocators that provides information on how to order Collocation arrangements and the processes and requirements for Collocation in AT&T's CO. This document is located on the AT&T CLEC Online Web-site and is amended from time to time.
- 2.22 "Legitimately Exhausted" means when all Unused Space (as defined below) in a CO or other Eligible Structure that can be used to locate Telecommunications Equipment via Physical Collocation is completely occupied.
- 2.23 "Other Collocation Space" means the space within the CO that can be designated for Physical Collocation where infrastructure systems do not currently exist and must be constructed. The designation of Other Collocation Space is

applicable to space within the CO only; other Eligible Structures such as CEVs, huts, and vaults are considered "Active" Collocation Space.

- 2.24 "Physical Collocation" means space that is provided by AT&T to Collocator for the purpose of interconnecting to AT&T's network for the transmission and routing of Telephone Exchange Service or Exchange Access, or both pursuant to 47 U.S.C. §251(c)(2), or for obtaining access to AT&T UNEs ("UNEs") for provision of a Telecommunications Service pursuant to 47 U.S.C. §251(c)(3) of the Act.
- 2.25 "Remote Terminals (RT)" means the Controlled Environmental Vaults (CEV's), Huts, Terminals and Cabinets and other AT&T owned or controlled premises containing AT&T network facilities where adequate space is available and Collocation is Technically Feasible.
- 2.26 "Shared Caged Collocation" means when two (2) or more Physical Collocators may initially apply at the same time to share a caged Collocation arrangement. Applicable rates and charges are shown in the Pricing Schedule.
- 2.27 "Technical Publications (TPs)" means the documents used for installation requirements, which can include network equipment, power, grounding, environmental, and physical design requirements. These documents can be found on AT&T CLEC Online website.
- 2.28 "Technically Feasible" means that a Collocation arrangement is Technically Feasible if, in accordance with either national standards or industry practice, there is no significant technical impediment to its establishment. Technical impediment shall be determined consistent with the definition of Technically Feasible in 47 CFR Section 51.5 to the extent that definition may be effective at the time of such determination. A rebuttable presumption that a Collocation arrangement is Technically Feasible shall arise if the arrangement has been deployed by any ILEC in the country.
- 2.29 "Telecommunications Infrastructure Space" means the square footage or linear footage of space, including common areas, used to house Telecommunications infrastructure equipment necessary to support Collocation space used for Interconnection under section 251(c)(2) with AT&T's network or access to 251(c)(3) UNEs of AT&T's network.
- 2.30 "Unused Space" means any space (i) existing in AT&T's Eligible Structures at the time of a Collocation request, (ii) that is not subject to a valid space reservation by AT&T or any Third Party, (iii) that is not occupied by AT&T's, its Affiliates', or Third Party's equipment, and is not needed for access to, or egress from, work areas (iv) that is not being used by AT&T's or its Affiliates for administrative or other functions and (v) on or in which the placement of any equipment or network facilities (AT&T's or Requesting Collocator's) would not violate any local or state law, rule or ordinance (e.g., fire, OSHA, or zoning) or technical standards (performance or safety) or would void AT&T's warranty on proximate.
- 2.31 "Virtual Collocation" is provided for the purpose of interconnecting to AT&T for the transmission and routing of Telephone Exchange Service or Exchange Access, or both, pursuant to 47 U.S.C. §251(c)(2), or for obtaining access to AT&T's 251(c)(3) UNEs for the provision of a Telecommunications Service, pursuant to 47 U.S.C. §251(c)(3) of the Act when the virtually collocated Telecommunications Equipment is provided by the Collocator. Virtual Collocation is separate and distinct from Physical Collocation. Virtually collocated Telecommunications Equipment is purchased by the Collocator and is engineered and installed by an AT&T AIS Tier 1. The Collocator's vendor is paid directly by the Collocator. Virtual Collocated equipment is maintained by AT&T at the direction of the Collocator.

3.0 GENERAL

3.1 Certification:

3.1.1 The Collocator requesting Collocation is responsible for obtaining any necessary certifications or approvals from the Commission prior to provisioning of Telecommunications Service by using the Collocation space. AT&T shall not refuse to process an Application for Collocation space and shall not refuse to provision the Collocation space submitted by a Telecommunications Carrier while that Telecommunications Carrier's state certification is pending or prior to a final approved Interconnection Agreement.

- 3.2 The rates and charges in this Attachment are applicable only for Collocation arrangements in Eligible Structures as defined in Section 2 of this Attachment. AT&T allocates the charges for space preparation and security charges on a prorated basis so the first Collocator will not be responsible for the entire cost of site preparation. However, ancillary

charges for unique Collocator requests for Collocation options directly attributable to the requesting Collocator will not be prorated. Examples include power arrangements and POT bay-related options. Rates and charges can be found in the Pricing Schedule.

- 3.3 Any business telephone services ordered by the Physical Collocator for its administrative use within its Dedicated Space will be provided in accordance with applicable AT&T retail services.
- 3.4 Hazardous Waste and Materials:
 - 3.4.1 The Collocator and its AT&T AIS and/or vendors, shall adhere to all federal, state and local regulations regarding hazardous material/waste. In addition, the AT&T AIS shall adhere to all AT&T requirements and shall coordinate with the AT&T representative before any activity relating to hazardous material/waste is started. Refer to the Interconnector's Collocation Services Handbook for Physical and Virtual Collocation, which may be accessed on the AT&T CLEC Online website.
- 3.5 Safety:
 - 3.5.1 The Collocator shall be entirely responsible for the safety and instruction of its employees or representatives. The Collocator shall take precautions to avoid harm to personnel, equipment, and building (e.g., cutting installed threaded rod) of AT&T or other Telecommunications Carriers. The Collocator shall immediately report to the AT&T CO representative any accident, outside agency inspection or hazardous condition, such as any accident or injury that occurs to employees or subcontractors of the Collocator while on AT&T premises or any OSHA inspection or citations issued to the Collocator while on AT&T premises. Refer to Interconnector's Guide(s) for Physical Collocation for further details.
- 3.6 Americans with Disability Act (ADA):
 - 3.6.1 The rates and charges in this Attachment do not include costs for any ADA construction generated or caused by the Collocation space request. If required, ADA construction will be provided on an ICB.
 - 3.6.2 If AT&T is required to upgrade an Eligible Structure, or portion of the structure to comply with the ADA which arises as a direct result of Collocator's Collocation arrangement, AT&T will prorate the total forward-looking economic cost of the upgrade, and allocate the charge to each Collocator located within the Eligible Structure, based on the total space utilized by each Collocator.
- 3.7 Dispute Resolution – Except as otherwise provided herein, all Dispute Resolutions will be governed by the GT&C's of this Agreement.
- 3.8 Billing – Except as otherwise provided herein, Billing will be governed by the GT&C's of this Agreement.
- 3.9 AT&T will provide a Telephone Inventory Record Keeping System (TIRKS) and/or SWITCH print-out of Circuit Facilities Assignment (CFA) to the CLEC at Collocation space turnover. The CLEC is responsible for payment of all non-recurring charges, where applicable, prior to receiving CFA information.
- 3.10 Parking at Eligible Structures will be provided on a first-come, first-served basis. Collocator may not park in spaces that are reserved for AT&T vehicles and which are designated as reserved.
- 3.11 Collocator shall be allowed to have reasonable use of and access to loading docks.
- 3.12 Contact Numbers:
 - 3.12.1 AT&T is responsible for providing the Collocator personnel a contact number for AT&T personnel who are readily accessible twenty-four (24) hours a day, seven (7) days a week as defined in AT&T's Interconnector's Collocation Services Handbook.
 - 3.12.2 The Collocator is responsible for providing to AT&T personnel a contact number for Collocator personnel who are readily accessible twenty-four (24) hours a day, seven (7) days a week to AT&T. In addition, for all activities requiring verbal and written notification per this Attachment, the Parties will provide the contact numbers included in the application process.
 - 3.12.3 The Physical Collocator is responsible for the posting and/or updating signage on the inside of its Dedicated Space that contains their emergency contact information.
- 3.13 Right-to-Use; Multiple Dedicated Spaces:

- 3.13.1 In accordance with this Attachment, AT&T grants to the Collocator the right to use a Dedicated Space. Each Dedicated Space within an Eligible Structure will be considered a single Dedicated Space for the application of rates according to this Attachment.
- 3.14 Trouble Status Reports:
- 3.14.1 AT&T and the Collocator are responsible for making best efforts to provide prompt notification to each other of significant outages or operations problems which could impact or degrade AT&T or the Collocator's network, switches or services, with an estimated clearing time to restore service. When trouble has been identified within the Collocator's network, the Collocator is responsible for providing trouble status reports when requested by AT&T.
- 3.15 Service Coordination:
- 3.15.1 Collocator is responsible for coordinating with its AT&T AIS to ensure that the Collocator's approved requests are installed in accordance with their Collocation Applications.
- 3.16 Access to the MDF:
- 3.16.1 AT&T will not provide Collocator's personnel with direct access to AT&T's MDF, with the exception of the Collocator's hired AT&T's AIS Tier 1.
- 3.17 Equipment List:
- 3.17.1 A list of all the equipment and facilities, including the associated power requirements, floor loading, and heat release of each piece of equipment ("Equipment List"), that the Collocator will place within its Dedicated Space, or request to be placed in Virtual Collocation Space, must be included on the application for which the Dedicated Space or Virtual Collocation is prepared. The Collocator's equipment and facilities shall be compliant with the standards set out in Section 3.18.1, Minimum Standards, following and meet the requirements for "necessary equipment." The Collocator warrants and represents that the Equipment List is complete and accurate, and acknowledges that any incompleteness or inaccuracy would be a violation of the rules and regulations governing this Attachment. The Collocator shall not place or leave any equipment or facilities within the Dedicated Space not included on the Equipment List without the express written consent of AT&T, which consent shall not be unreasonably withheld.
- 3.17.2 AT&T posts the list of Safety compliant equipment on the "All Equipment List (AEL)" for the Collocator's reference on AT&T CLEC Online website. When the Collocator's equipment is not listed on the approved AEL the equipment will be reviewed for safety by AT&T and written approval or denial of the equipment will be forwarded to the Collocator. The AEL list is available to Collocators via the AT&T CLEC Online website. Inclusion of the equipment on the AEL does not mean that it meets the requirements of "necessary equipment," and thus does not mean that the equipment may be collocated.
- 3.17.3 Subsequent Requests to Place Equipment:
- 3.17.3.1 The Collocator shall furnish to AT&T a written list in the form of an attachment to the original Equipment List for the subsequent placement of equipment in its Dedicated or Virtual Collocation Space. When the Collocator's equipment is not listed in the approved All Equipment List (AEL) the equipment will be reviewed by AT&T and written approval or denial of the equipment will be forwarded to the Collocator. The additional equipment will also be reviewed as to whether it is "necessary equipment." Only if the equipment passes both reviews may it be collocated.
- 3.18 Minimum Standards:
- 3.18.1 Any network equipment placed in AT&T network equipment areas of Eligible Structures by AT&T or Collocator must meet AT&T minimum safety standards. The minimum safety standards are as follows: (1) Collocator's equipment must meet Telcordia Level 1 safety requirements as set forth in TP- 76200, Network Equipment Building Systems (NEBS); or, (2) Collocator must demonstrate that its equipment has a history of safe operation. Safe operation is demonstrated by the equipment having been installed in any ILEC Eligible Structure (including AT&T) prior to January 1, 1998 with no known history of safety problems. When engineering and installing equipment, the Collocator will be expected to conform to the same accepted procedures and standards utilized by AT&T and its contractors.

- 3.18.2 At an RT all Collocator equipment installation shall comply with AT&T TP-76416, "Grounding and Bonding Requirements for Network Facilities" as found on AT&T CLEC Online Website. Metallic cable sheaths and metallic strength members of optical fiber cables, as well as, the metallic cable sheaths of all copper conductor cables shall be bonded to the designated grounding bus for the Remote Site Location. All copper conductor pairs, working and non-working, shall be equipped with a solid-state protector unit (over-voltage protection only), which has been listed by a nationally recognized testing laboratory.
- 3.18.3 In the event that AT&T denied Collocation of Collocator's equipment citing safety standards, AT&T will provide a list of AT&T telecommunications equipment which AT&T locates within the Eligible Structure for which Collocation was denied together with an affidavit attesting that all of such AT&T equipment met or exceeded the same safety standards for which Collocator's equipment was denied for not meeting that standard. This aforementioned list will be provided within (5) Business Days of Collocator's written request.
- 3.18.4 In the event AT&T believes that collocated equipment is not necessary for interconnection or access to 251(c)(3) UNEs or determines that the Collocator's equipment does not meet the minimum safety standards, the Collocator must not collocate the equipment until the dispute is resolved in the Collocator's favor. The Collocator will be given ten (10) Business Days to comply with the requirements and/or remove the equipment from the collocation space if the equipment was already improperly collocated. If it is determined that the Collocator's equipment does not meet the minimum safety standards above, the Collocator must not collocate the equipment and will be responsible for removal of the equipment and all resulting damages if the equipment already was collocated improperly.
- 3.18.5 Collocation equipment or operating practices representing a significant demonstrable technical or physical threat to AT&T personnel, network or facilities, including the Eligible Structure or those of others is strictly prohibited. Notwithstanding any other provision herein, the characteristics and methods of operation of any equipment or facilities placed in the Collocation space shall not create hazards for or cause damage to those facilities, the Collocation space, or the Eligible Structure in which the Collocation space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Attachment. Any and all disputes shall be governed by the GT&Cs of this Agreement.
- 3.19 Compliance Certification:
- 3.19.1 Subject to Section 27 of the GT&Cs of this Agreement, the Parties agree to comply with all applicable federal, state, county, local and administrative laws, rules, ordinances, regulations and codes in the performance of their obligations hereunder.
- 3.20 Re-Entry:
- 3.20.1 If the Collocator shall default in performance of any provision herein, and the default shall continue for sixty (60) calendar days after receipt of AT&T's written Notice, or if the Collocator is declared bankrupt or insolvent or makes an assignment for the benefit of creditors, AT&T may, immediately or at any time thereafter, without notice or demand, enter and repossess the Dedicated Space, expel the Collocator and any claiming under the Collocator, remove the Collocator's property and dispose of such abandoned equipment. Also, services provided pursuant to this Attachment will be terminated without prejudice to any other remedies.
- 3.20.2 AT&T may also refuse additional applications for service and/or refuse to complete any pending orders for additional space or service for the Collocator at any time after sending the Notice required by the preceding Section.
- 3.20.3 Limitations:
- 3.20.3.1 AT&T is not obligated to purchase additional plant or equipment, relinquish occupied space or facilities (unless there is obsolete equipment and Collocator requests it be removed or its removal is ordered by the Commission), to undertake the construction of new building quarters or to construct building additions or substantial improvements to the CO infrastructure of

existing quarters in order to satisfy a request for space or the placement of additional equipment or facilities by a Collocator. However, when planning renovations of existing facilities or constructing or leasing new facilities, AT&T would take into account projected demand for Collocation of equipment. Subject to space availability and technical feasibility, AT&T will ensure that the Collocator is provided Collocation space at least equal in quality to that provided to AT&T, its Affiliates or other Parties to which it provides interconnection.

3.21 Dedicated Space Use and Access:

- 3.21.1 AT&T voluntarily allows Collocator via the AT&T AIS to place ancillary equipment and facilities, including cross-connect and other simple frames, routers, portable test equipment, equipment racks and bays, and other ancillary equipment and facilities on a non-discriminatory basis, only if AT&T and Collocator mutually agree to such placement, in AT&T's Premises solely to support and be used with equipment that the Collocator has legitimately collocated in the same premises.
- 3.21.2 AT&T does not assume any responsibility for the installation, furnishing, designing, engineering, or performance of the Collocator's equipment and facilities.
- 3.21.3 When the Collocator's Collocation arrangement is within the Eligible Structure, the Collocator may not provide its own DC power plant equipment (with rectifiers or chargers and batteries) or AC power backup equipment (e.g., Uninterruptible Power System with batteries, or standby engine). AT&T will provide the necessary backup power to help protect against power outages.
- 3.21.4 Consistent with the environment and purpose of the Dedicated Space, the Collocator shall not use the Dedicated Space for office, retail, marketing, or sales purposes. No signage or marking of any kind by the Collocator shall be permitted on the Eligible Structure or on AT&T grounds surrounding the Eligible Structure in which the Dedicated Space is located excluding the Emergency contact information that the Collocator is required to place on the inside of its Dedicated Space. Unauthorized use of equipment, supplies or other property by Collocator, whether or not used routinely to provide telephone service will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the Collocator, as may be all associated investigative costs.
- 3.21.5 Physical Collocation: AT&T will not delay a Physical Collocator employee's entry into an Eligible Structure containing its collocated equipment or its access to its collocated equipment. AT&T will provide the Physical Collocator with reasonable access to restroom facilities and parking. All access is provided subject to compliance by the Collocator's employees and AT&T AISs with AT&T's policies and practices pertaining to fire, safety and security (e.g. the Collocator must comply with 4.10 below of this Attachment).

3.22 Pre-visits for Physical Collocation Only:

- 3.22.1 In order to permit reasonable access during construction of the Physical Collocation space, the Physical Collocator may submit a request for its one (1) free accompanied site visit to its designated Physical Collocation space at any time subsequent to AT&T's receipt of the BFFO. In the event the Physical Collocator desires access to its designated Physical Collocation Space after the first accompanied free visit and the Physical Collocator's access request form(s) has not been approved by AT&T or the Physical Collocator has not yet submitted an access request form to AT&T, the Physical Collocator shall be permitted to access the Physical Collocation space accompanied by a AT&T security escort, at the Physical Collocator's expense, which will be assessed pursuant to the Security Escort fees contained in the Pricing Schedule. If any travel expenses are incurred, the Physical Collocator will be charged for the time AT&T employees spend traveling per the rates listed in the Pricing Schedule. The Physical Collocator must request that escorted access be provided by AT&T to the Physical Collocator's designated Collocation space at a mutually agreed to time. An AT&T security escort will be required whenever the Physical Collocator or its approved agent or AT&T AIS requires access to the entrance manhole. AT&T will wait for one-half (1/2) hour after the scheduled escort time to provide such requested escort service and the Physical Collocator shall pay for such half-hour charges in the event Collocator's employees, approved agent, AT&T AIS or Guest(s) fails to show up for the scheduled escort appointment.. Prospective

Collocator will not be allowed to take photographs, make copies of AT&T site-specific drawings or make any notations.

3.22.2 The Physical Collocator agrees to comply promptly with all laws, ordinances and regulations affecting the use of the Dedicated Space. Upon the discontinuance of service, the Physical Collocator shall surrender the Dedicated Space or land for an adjacent structure to AT&T, in the same condition as when first occupied by the Physical Collocator, except for ordinary wear and tear.

3.22.3 AT&T will not accept delivery of nor responsibility for any correspondence and/or equipment delivered to the Physical Collocator at the Eligible Structure. However, through agreement between AT&T and the Physical Collocator, a Physical Collocator may make arrangements for receipt and/or securing of its equipment at the Eligible Structure by Physical Collocator's personnel and/or AT&T AIS.

3.22.4 Upkeep of Physical Collocation Arrangement:

3.22.4.1 The Physical Collocator shall be responsible for the general upkeep and cleaning of the Physical Collocation Arrangement. The Physical Collocator shall be responsible for removing any of Physical Collocator's debris from the Physical Collocation Arrangement and the surrounding area on each visit.

3.23 Security Cards for Physical Collocation:

3.23.1 The Physical Collocator's employees and AT&T AIS shall be permitted access to its collocated equipment seven (7) days a week, twenty-four (24) hours a day without a security escort. The Physical Collocator shall provide AT&T with notice at the time of dispatch of its own employee or AT&T AIS to an Eligible Structure in accordance with applicable AT&T CLEC Online Handbook requirements.

3.23.2 The Physical Collocator will be required to submit a complete and accurate request form for Security Cards, access, keys and/or ID cards (also known as "Access Devices"), for the Physical Collocator's employee and AT&T AIS utilizing the appropriate request forms located on AT&T's CLEC Online website. The Physical Collocator must submit to AT&T the completed form for all employees and AIS requiring access to AT&T's Premises at least thirty (30) calendar days prior to the date the Physical Collocator desires to gain access to the Collocation space.

3.23.2.1 In an emergency or other extenuating circumstances (but not in the normal course of business), the Physical Collocator may request that AT&T expedite the issuance of the access keys/cards and/or ID cards, and AT&T will issue them as soon as reasonably practical. There may be an additional charge for such expedited requests as reflected in the Pricing Schedule.

3.23.3 Any access key/cards and/or ID cards provided by AT&T to the Physical Collocator for its employees and AT&T AIS may not be duplicated under any circumstances.

3.23.4 The Physical Collocator agrees to be responsible for all Access Devices issued to the Physical Collocator for its employees and AT&T AIS contracted by the Collocator to perform work on the Collocator's behalf. The Physical Collocator is responsible for the return of all Access Devices in the possession of the Physical Collocator's employees and AT&T AIS after termination of the employment relationship. The contractual obligation with the Physical Collocator ends, upon the termination of this Agreement, or upon the termination of occupancy of Collocation space in a specific AT&T Premises.

3.23.5 Lost or Stolen Access Devices:

3.23.5.1 The Physical Collocator shall immediately notify AT&T in writing when any of its Access Devices have been lost or stolen. If it becomes necessary for AT&T to re-key buildings or deactivate an Access Device as a result of a lost or stolen Access Device(s) or for failure of the Physical Collocator's employees, and AT&T AIS to return an Access Device(s), the Physical Collocator shall pay for the costs of re-keying the building or deactivating the Access Device(s).

3.23.6 Rates and charges for access keys/cards are found in the Pricing Schedule.

3.23.7 Threat to Personnel, Network or Facilities:

- 3.23.8 Regarding safety, Collocator's equipment or operating practices representing a significant demonstrable technical or physical threat to AT&T's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited.
- 3.24 Interference or Impairment:
- 3.24.1 Regarding safety and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the Dedicated Space shall not create hazards for or cause damage to those facilities, the Dedicated Space, or the Eligible Structure in which the Dedicated Space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Dedicated Space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Attachment.
- 3.25 Personal Property and Its Removal:
- 3.25.1 In accordance with and subject to the conditions of this Attachment, the Physical Collocator may place or install in or on the Dedicated Space such personal property or fixtures ("Property") as are needed for the purpose of Physical Collocation. Property placed by the Physical Collocator in the Dedicated Space shall not become a part of the Dedicated Space even if nailed, screwed or otherwise fastened to the Dedicated Space. Such Property must meet AT&T standards for flame and smoke ratings, e.g., no combustibles. Such Property shall retain its status as personal and may be removed by the Physical Collocator at any time. Any damage caused to the Collocation Arrangement by the Physical Collocator's employees, AT&T AIS, agents or Guests during the installation or removal of such property shall be promptly repaired by the Physical Collocator at its sole expense.
- 3.26 Alterations:
- 3.26.1 Under no condition shall the Physical Collocator or any person acting on behalf of the Physical Collocator make any rearrangement, modification, augment, improvement, addition, and/or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Collocation Space or the AT&T Premises, hereinafter referred to individually or collectively as "Alterations", without the expressed written consent of AT&T, which shall not be unreasonably withheld. The cost of any such Alteration shall be paid by Collocator. An Alteration shall require the submission of the appropriate Subsequent Application and/or Augment and will result in the assessment of the applicable application fee associated with the type of alteration requested.
- 3.27 Maintenance:
- 3.27.1 AT&T shall maintain the exterior of the Eligible Structure and grounds, and all entrances, stairways, passageways, and exits used by the Physical Collocator to access the Dedicated Space.
- 3.27.2 AT&T shall maintain the Eligible Structure for customary building services, utilities (excluding telephone facilities), including janitorial and elevator services in the common areas.
- 3.27.3 In Controlled Environmental Vault (CEV), huts and cabinets where Physical Collocation space is not available, a Collocator may opt for Virtual Collocation wherein AT&T maintains and repairs the virtually collocated equipment as described in 16.0 below following and consistent with the rates, terms and conditions as provided for throughout this entire Attachment. AT&T may at its option, elect to offer this maintenance alternative in one or more of its COs, and in one or more of its CEVs, huts and cabinets where Physical Collocation space is available.
- 3.28 Equipment Staging and Storage:
- 3.28.1 No storage or staging area will be provided outside of the licensed space. Collocation areas may not be used for office administrative space (e.g., filing cabinet, desk, etc.). Fire standards and regulations prohibit the storage of flammable material, e.g., cardboard boxes, paper, packing material, etc. Safety standards prohibit the storage of chemicals of any kind (Refer to Interconnector's Guide for Physical Collocation via the AT&T CLEC Online website).
- 3.29 AT&T AIS Requirements:

3.29.1 Collocator shall select a supplier which has been approved as an AT&T AIS to perform all engineering and installation work. The Collocator's AT&T AIS must follow and comply with all of AT&T's specifications and the following AT&T Technical Requirements and/or publications, as appropriate: TP-76300, TP-76900, TP-76200, and TP-76400. Unless the AT&T AIS has met the requirements for all of the required work activities, Collocator must use the applicable AT&T AIS for the work activities associated with transmission equipment, switching equipment and power equipment. The list of AT&T AIS is available on AT&T CLEC Online website. The Collocator's AT&T AIS shall be responsible for installing Collocator's equipment and associated components, performing operational tests after installation is complete and notifying AT&T's equipment engineers and Collocator upon successful completion of the installation and any associated work. When an AT&T AIS is used by Collocator, the AT&T AIS shall bill Collocator directly for all work performed for Collocator. AT&T shall have no liability for or responsibility to pay, such charges imposed by Collocator's AT&T AIS. AT&T shall make available its supplier approval program to Collocator or any supplier proposed by Collocator and will not unreasonably withhold approval. All work performed by or for Collocator shall conform to generally accepted industry standards.

3.30 Construction Notification:

3.30.1 AT&T will notify the Physical Collocator prior to the scheduled start dates of all major construction activities (including power additions or modifications) in the general area of the Collocator's Dedicated Space with potential to disrupt the Collocator's services. AT&T will provide such notification to the Collocator at least twenty (20) Business Days before the scheduled start date of such major construction activity. AT&T will inform the Collocator as soon as practicable by telephone of all emergency-related activities that AT&T or its subcontractors are performing in the general area of the Collocator's Dedicated Space, or in the general area of the AC and DC power plants which support the Collocator's equipment. If possible, notification of any emergency-related activity will be made immediately prior to the start of the activity so that the Collocator may take reasonable actions necessary to protect the Collocator's Dedicated Space.

3.31 Eligible Structure List:

3.31.1 AT&T shall maintain publicly available documents on AT&T CLEC Online website, indicating its Eligible Structures, if any, that have no space available for Physical Collocation. AT&T will update this document within ten (10) calendar days of the date at which an Eligible Structure runs out of such Collocation space.

3.31.2 AT&T will remove obsolete unused equipment from its Eligible Structures that have no space available for Collocation upon reasonable request by a Collocator or upon order of the Commission. AT&T shall reserve space for switching, MDF and Digital Cross Connect System (DCS) to accommodate access line growth.

3.32 Legitimately Exhausted:

3.32.1 Before AT&T may make a determination that space in an Eligible Structure is Legitimately Exhausted, AT&T must have removed all unused obsolete equipment from the Eligible Structure, if requested by CLEC or required by the Commission, and made such space available for Collocation. Removal of unused obsolete equipment shall not cause a delay in AT&T's response to a Collocator's application or in provisioning Collocation arrangements. AT&T may reserve space for transport equipment for the current year plus two (2) years. Additionally, AT&T may not reserve space for equipment for itself, or advanced or interLATA services Affiliates or other Affiliates of AT&T or for future use by AT&T or its Affiliates under conditions that are more favorable than those that apply to other Telecommunications Carriers seeking to reserve Collocation space for their own use. AT&T may reserve space for switching, power, MDF, and DCS up to anticipated customer growth except as may be restricted in the AT&T CLEC Online Handbook. Additional information is available in the AT&T CLEC Online Handbook.

3.33 AT&T's Right of Access:

3.33.1 AT&T, its employees, and other AT&T authorized persons shall have the right to enter Dedicated Space at any reasonable time on three (3) calendar days advance notice (unless otherwise negotiated by the Parties) of the time and purpose of the entry to examine its condition, make repairs required to be made by AT&T hereunder, and for any other purpose deemed reasonable by AT&T.

3.33.2 AT&T may access the Dedicated Space for purpose of averting any threat of harm imposed by the Physical Collocator or its equipment or facilities upon the operation of AT&T equipment, facilities and/or personnel located outside of the Dedicated Space without such advance notice; in such case, AT&T will notify the Collocator by telephone of that entry and will leave written notice of entry in the Dedicated Space. If routine inspections are required, they shall be conducted at a mutually agreeable time.

3.34 Physical Collocator's Equipment, Facilities & Responsibilities:

3.34.1 In their Physical Collocation arrangement, the Physical Collocator is solely responsible for the design, engineering, testing, performance and maintenance of the Telecommunications Equipment and facilities used in the Dedicated Space. The Physical Collocator will be responsible for servicing, supplying, repairing, installing and maintaining the following within the Dedicated Space:

3.34.1.1 Its fiber optic cable(s) or other permitted transmission media as specified in Section 16.0;

3.34.1.2 Its equipment;

3.34.1.3 Interconnection facilities between the Physical Collocator's equipment area and AT&T's designated demarcation;

3.34.1.4 DC power delivery cabling between the Physical Collocator's equipment area and AT&T's designated power source;

3.34.1.5 Required point of termination cross connects in the Dedicated Space;

3.34.1.6 If CLEC chooses to use a POT frame, POT frame maintenance, including replacement power fuses and circuit breaker restoration, to the extent that such fuses and circuit breakers are within the Dedicated Space;

3.34.1.7 The connection cable and associated equipment which may be required within the Dedicated Space(s).

3.34.2 AT&T neither accepts nor assumes any responsibility whatsoever in any of the areas in this Section 3.35 headed Physical Collocator's Equipment, Facilities & Responsibilities.

3.35 Virtual Collocator Equipment, Facilities & Responsibilities:

3.35.1 The Virtual Collocator's AT&T AIS will install no later than two (2) Business Days prior to the scheduled turn-up of the Virtual Collocator's equipment, at its expense, all facilities and equipment required to facilitate Interconnection under section 251(c)(2) or access to AT&T's 251(c)(3) UNEs. The Virtual Collocator's virtually collocated equipment will be maintained by AT&T. The Collocator will, at its expense, provide the following:

3.35.1.1 Its fiber optic cable(s) or other permitted transmission media as specified in Section 16.0;

3.35.1.2 Its equipment;

3.35.1.3 Interconnection facilities between the Collocator's equipment area and AT&T's designated demarcation;

3.35.1.4 DC power delivery cabling between the Collocator's equipment and AT&T's designated power source;

3.35.1.5 All plug-ins and/or circuit packs (working, spare, and replacements);

3.35.1.6 All unique tools and test equipment;

3.35.1.7 Any ancillary equipment and cabling used for remote monitoring and control;

3.35.1.8 Any technical publications and updates associated with all Collocator-owned and provided equipment;

3.35.1.9 All training as described in Section 4.11.3 below.

3.35.1.10 The Virtual Collocator will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by the Virtual Collocator for placement in/on AT&T property. Suitable replacements are to be immediately provided to AT&T to restore equipment.

3.35.1.11 The Virtual Collocator will provide at least the minimum number of usable equipment spares specified by the manufacturer. Replacements must be delivered to AT&T CO using the equipment spare within five (5) calendar days of notification that a spare was used or tested defective.

3.35.1.12 For the disconnection of circuits, the Virtual Collocator will provide all circuit information no later than two (2) Business Days prior to the scheduled disconnection of the Virtual Collocator's circuit.

4.0 Limitation of Liability

4.1 Except as otherwise provided herein, Limitation of Liability will be governed by the GT&Cs of this Agreement.

4.1.1 Both AT&T and the Collocator shall be indemnified and held harmless by the other against claims and damages by any Third Party arising from provision of the other ones' services or equipment, except those claims and damages directly associated with the provision of services to each other which are governed by the provisioning Party's applicable agreements.

4.2 Third Parties: The Parties acknowledge the following: that AT&T is required by law to provide space in and access to its Eligible Structures to certain other persons or entities ("Others"), which may include competitors of the Collocator; that such space may be close to the Collocation Space, possibly including space adjacent to the Collocated Space and with access to the outside of the Collocated Space within the Collocation area; and that if caged, the cage around the Dedicated Space is a permeable boundary that will not prevent the Others from observing or even damaging the Collocator's equipment and facilities.

4.3 In addition to any other applicable limitation, neither AT&T nor the Collocator shall have any liability with respect to any act or omission by any other, regardless of the degree of culpability of any other, except in instances involving gross negligence or willful actions by either AT&T or the Collocator or its agents or employees.

4.4 The CLEC will be responsible for any and all damages resulting from any harm to AT&T's or other CLEC's premises, or any outage in AT&T's or other CLEC's network, which is a result of the installation, operation, or maintenance of the CLEC's equipment, including but not limited to from any defect in CLEC's equipment or its installation, operation, or maintenance, or resulting from the actions or inaction, willful, or negligent, of the CLEC's employees, suppliers, or contractors.

4.5 Force Majeure Events shall be governed by the GT&Cs of this Agreement.

4.6 Insurance:

4.6.1 Except as otherwise provided herein, Insurance will be governed by the GT&Cs of this Agreement with the liability limits therein specific to Collocation.

4.6.2 A certificate of insurance stating the types of insurance and policy limits provided the Collocator must be received prior to commencement of any work. If a certificate is not received, AT&T will notify the Collocator, and the Collocator will have five (5) Business Days to cure the deficiency. If the Collocator does not cure the deficiency within five (5) Business Days, Collocator hereby authorizes AT&T, and AT&T may, but is not required to, obtain insurance on behalf of the Collocator as specified herein. AT&T will invoice Collocator for the costs incurred to so acquire insurance.

4.6.3 The Collocator shall also require all AT&T AIS who may enter the Eligible Structure for the performance of work on their behalf to maintain the same insurance requirements.

4.7 Self-Insured:

4.7.1 Self-insurance in lieu of the insurance requirements listed preceding Section 4.6 above shall be permitted if the Collocator 1) has a tangible net worth of fifty (50) million dollars or greater, and 2) files a financial statement annually with the Securities and Exchange Commission and/or having a financial strength rating of 4A or 5A assigned by Dun & Bradstreet. The ability to self-insure shall continue so long as the Collocator meets all of the requirements of this Section. If the Collocator subsequently no longer satisfies this Section, the coverage requirements in the GT&Cs Insurance Section will immediately apply.

4.8 Indemnification of AT&T:

4.8.1 Except as otherwise provided herein, Indemnification is governed by the GT&Cs of this Agreement.

4.9 Casualty Loss:

4.9.1 Damage to Collocation Space:

4.9.1.1 If the Collocation Space is damaged by fire or other casualty that is not the result of the Collocator's or Collocator's AT&T AIS actions or those of a Third Party as hereinafter described, and (1) the Collocation Space is not rendered untenable in whole or in part, AT&T shall repair the same at its expense and the monthly charge shall not be abated, or (2) the Collocation Space is rendered untenable in whole or in part and such damage or destruction can be repaired within ninety (90) Business Days, AT&T has the option to repair the Collocation Space at its expense and the monthly charges shall be proportionately abated while the Collocator was deprived of the use. If the Collocation Space cannot be repaired within ninety (90) Business Days, or AT&T opts not to rebuild, then AT&T shall notify the Collocator within thirty (30) Business Days following such occurrence that the Collocator's use of the Collocation Space will terminate as of the date of such damage. Upon the Collocator's election, subject to space availability and technical feasibility, AT&T must provide to the Collocator, a comparable substitute Collocation arrangement at another mutually agreeable location at the applicable non-recurring charges for that arrangement and location.

4.9.1.2 Any obligation on the part of AT&T to repair the Dedicated Space shall be limited to repairing, restoring and rebuilding the Dedicated Space as prepared for the Collocator by AT&T.

4.10 Damage to Eligible Structure:

4.10.1 Notwithstanding that the Collocator's Collocation Space may be unaffected thereby, in the event that the Eligible Structure in which the Collocation Space is located shall be so damaged by fire or other casualty that closing, demolition or substantial alteration or reconstruction of the Eligible Structure shall, in AT&T's opinion be advisable, AT&T, at its option, may terminate services provided via this Attachment. AT&T shall provide the Collocator ten (10) Business Days prior written notice of termination within thirty (30) Business Days following the date of such occurrence, if possible.

4.11 Security:

4.11.1 AT&T may impose the following reasonable security measures on Collocator to assist in protecting its network and equipment from harm. AT&T may use security measures expressly allowed by the FCC. In addition, AT&T may impose security arrangements as stringent as the security arrangements AT&T maintains at its own Eligible Structures either for its own employees or for authorized contractors. To the extent security arrangements are more stringent for one group than the other, AT&T may impose the more stringent requirements. AT&T will not impose discriminatory security requirements that result in increased Collocation costs without the concomitant benefit of providing necessary protection of AT&T's equipment. Neither Party will use any information collected in the course of implementing or operating security arrangements for any marketing or other purpose in aid of competing with the other Party.

4.11.2 Collocator will conduct background checks of its employee and/or the AT&T AIS who will have access to the Collocation space. Such background checks will include but are not to be limited to criminal background checks for offenses involving theft or damage to property, and a check of FBI listings of known or suspected terrorists.

4.11.3 Collocator shall provide its employees and/or the AT&T AIS with picture identification, which must be worn and visible at all times while in Collocator's Collocation space or other areas in or around the AT&T Premises. The photo identification card shall bear, at a minimum, the employee's name and photo and Collocator's name. AT&T reserves the right to remove from an AT&T Premises any employee of Collocator not possessing identification issued by Collocator or who has violated any of AT&T's policies as outlined in the CLEC Security Training documents.

- 4.11.3.1 Collocator technicians will be security-qualified by the Collocator and will be required to be knowledgeable of AT&T's security standards. Collocator personnel and technicians will undergo the same level of security training or its equivalent that AT&T's own employees and authorized contractors must undergo. AT&T will not, however, require Collocator to receive security training from AT&T, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with its own security training.
- 4.11.3.2 Collocator and AT&T will each establish disciplinary procedures up to and including dismissal or denial of access to the Eligible Structure and other property of AT&T for certain specified actions that damage, or place the equipment, facilities, or the network or personnel of the Collocator or AT&T in jeopardy. The following are actions that could damage or place the Eligible Structure, or the network or the personnel of the Collocator or AT&T in jeopardy and may justify disciplinary action up to and including dismissal or the denial of access to the Eligible Structure and other AT&T property:
- 4.11.3.2.1 Theft or destruction of AT&T's or Collocator's property;
 - 4.11.3.2.2 Use/sale or attempted use/sale of alcohol or illegal drugs on AT&T property;
 - 4.11.3.2.3 Threats or violent acts against other persons on AT&T property;
 - 4.11.3.2.4 Knowing violations of any local, state or federal law or the requirements of this Agreement on AT&T property;
 - 4.11.3.2.5 Permitting unauthorized persons access to AT&T or Collocator's equipment on AT&T property; and
 - 4.11.3.2.6 Carrying a weapon on AT&T property
- 4.11.3.3 In addition, AT&T reserves the right to interview Collocator's employees, agents, suppliers, or Guests in the event of wrongdoing in or around an AT&T Premises or involving AT&T's or another Collocated Telecommunications Carrier's property or personnel, provided that AT&T shall provide reasonable notice to Collocator's Security representative of such interview. Collocator and its employees, agents, suppliers, or Guests shall reasonably cooperate with AT&T's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving Collocator's employees, agents, suppliers, or Guests. Additionally, AT&T reserves the right to bill Collocator for all reasonable costs associated with investigations involving its employees, agents, suppliers, or Guests if it is established and mutually agreed in good faith that Collocator's employees, agents, suppliers, or Guests are responsible for the alleged act(s). Collocator and AT&T will take appropriate disciplinary steps as determined by each Party to address any violations reported by AT&T or the Collocator.
- 4.11.3.4 AT&T may use reasonable security measures to protect its equipment. In the event AT&T elects to erect an interior security partition in a given Eligible Structure to separate its equipment, AT&T may recover the costs of the partition in lieu of the costs of other reasonable security measures if the partition costs are lower than the costs of any other reasonable security measure for such Eligible Structure. In no event shall a Collocator be required to pay for both an interior security partition to separate AT&T's equipment in an Eligible Structure and any other reasonable security measure for such Eligible Structure. If AT&T elects to erect an interior security partition and recover the cost, it must demonstrate to the Physical Collocator that other reasonable security methods cost more than an interior security partition around AT&T's equipment at the time the price quote is given.
- 4.11.3.4.1 AT&T's construction of an interior security partition around its own equipment shall not interfere with a CLEC's access to its equipment, including equipment Collocated directly adjacent to AT&T's equipment. AT&T's construction of an interior security partition around its own equipment shall not impede a Telecommunications Carrier's ability to Collocate within AT&T's space. To the

extent that AT&T is required to install additional security measures within its interior security partition because a CLEC has access to its own equipment within the area, such security measures shall be constructed and maintained at AT&T's expense.

- 4.11.3.4.2 AT&T's enclosure of its own equipment will not unreasonably increase a CLEC's cost nor shall it result in duplicative security costs. The cost of an interior security partition around AT&T's equipment cannot include any embedded costs of any other security measures for the Eligible Structure.

5.0 Collocation Space

5.1 Use of Collocation Space:

5.1.1 Nature of Use – Equipment Permitted to be Collocated

5.1.1.1 Equipment is considered necessary for Interconnection if an inability to deploy that equipment would, as a practical, economic, or operations matter, preclude the Collocator from obtaining Interconnection with AT&T at a level equal in quality to that which AT&T obtains within its own network or AT&T provides to an Affiliate, subsidiary, or other Party.

5.1.1.2 Equipment is considered necessary for access to a 251(c)(3) UNE if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude the Collocator from obtaining non-discriminatory access to that 251(c)(3) UNE.

5.1.1.3 Examples of equipment that would not be considered necessary include, but are not limited to: traditional circuit switching equipment, equipment used exclusively for call-related databases, computer servers used exclusively for providing information services, OSS equipment used to support collocated Telecommunications carrier network operations, equipment that generates customer orders, manages trouble tickets or inventory, or stores customer records in centralized databases, etc.

5.1.1.4 AT&T will determine upon receipt of an application if the requested equipment is necessary based on the criteria established by the FCC. In order to make this determination, AT&T may need to request additional information from Collocator. Collocator agrees to use its best efforts to provide such information to AT&T in a timely manner.

5.1.2 Multi-functional equipment shall be deemed necessary for Interconnection or access to a 251(c)(3) UNE if, and only if, the primary purpose and function of the equipment (as the Collocator seeks to deploy it) meets either or both of the standards set forth above in this Section. For a piece of multi-functional equipment to be utilized primarily to obtain equal in quality Interconnection or non-discriminatory access to one or more 251(c)(3) UNEs, there also must be a logical connection or link between the additional functions the equipment would perform and the Telecommunication Services the Collocator seeks to provide to its End Users by means of the interconnection or 251(c)(3) UNE. The additional functions of the equipment that, as stand-alone functions, do not meet either of the standards set forth above in this Section must not cause the equipment to significantly increase the burden of AT&T's property.

5.2 Demarcation Point - AT&T

5.2.1 AT&T will designate the point(s) of demarcation between Collocator's equipment and/or network facilities and AT&T's network facilities. For DS0, DS1, DS3 and fiber terminations, AT&T shall designate, provide and install demarcation point hardware on a per arrangement basis. Collocator shall utilize an AT&T AIS Tier 1 to installing their interconnection cabling to the AT&T designated demarcation point .

5.2.2 The Physical Collocator or its AT&T AIS, must install, maintain and operate the equipment/facilities on its side of the demarcation point, and may self-provision cross-connects that may be required within its own Collocation Space to activate service requests.

5.2.3 The Virtual Collocator via its AT&T AIS must install and operate the equipment/facilities on its side of the demarcation point, and may self-provision cross-connects that may be required within its own Collocation Space to activate service requests. AT&T will maintain the Virtual Collocation arrangement.

5.3 Types of Available Physical Collocation Arrangements:

5.3.1 AT&T will make each of the arrangements outlined below available within its Eligible Structures in accordance with this Attachment and the AT&T CLEC On-line Collocation Handbook so that Collocator will have a variety of Collocation options from which to choose.

5.3.2 Caged Physical Collocation:

5.3.2.1 Caged Collocation option provides the Physical Collocator with an individual enclosure (not including a top). This enclosure is an area designated by AT&T within an Eligible Structure to be used by the Physical Collocator for the sole purpose of installing, maintaining and operating the Physical Collocator-provided equipment for the purpose of Interconnection under section 251(c)(2) and access to 251(c)(3) UNEs. Accordingly, AT&T will not provide the Physical Collocator with direct access to AT&T's MDF, with the exception of the AT&T's AIS Tier 1.

5.3.2.2 AT&T will provide floor space, floor space site conditioning, cage common systems materials, cage preparation, and safety and security charges in increments of one (1) square foot. For this reason, the Physical Collocator will be able to order space and a cage enclosure in amounts as small as that sufficient to house and maintain a single rack or bay of equipment (minimum of fifty (50) square feet of caged space) and will ensure that the first Physical Collocator in an AT&T Premises will not be responsible for the entire cost of site preparation and security.

5.3.2.3 At the Physical Collocator's option, the Collocator may elect to install its own enclosure, but must comply with all methods, procedures and guidelines followed by AT&T in constructing such an arrangement. The Physical Collocator may provide a cage enclosure (which shall not include a top), cable rack and support structure inside the cage, lighting, receptacles, cage grounding, cage sign and door key set. In addition, terms and conditions for contractors performing cage construction activities as set forth following will apply.

5.3.3 Shared Caged Collocation:

5.3.3.1 AT&T will provide Shared Caged Collocation as set forth in the AT&T CLEC Online Handbook. Two (2) or more Physical Collocators may initially apply at the same time to share a Caged Collocation space as set forth in 2.0 above. Charges to each Physical Collocator will be based upon the percentage of total space utilized by each Physical Collocator.

5.3.4 Guest-Host Collocation (Also known as Sub-Lease Collocation):

5.3.4.1 The Physical Collocator may allow other Telecommunications Carriers to share the Physical Collocator's caged Collocation space, pursuant to the terms and conditions agreed to by the Physical Collocator (Host) and the other Telecommunication Carriers (Guests) which must be consistent with the provisions contained in this Section and this Agreement, except where the AT&T Premises is located within a leased space and AT&T is prohibited by said lease from offering such an option to the Physical Collocator. AT&T shall be notified in writing by the Physical Collocator upon the execution of any agreement between the Host and its Guest(s) prior to the submission of an application. Further, such notification shall include the name of the Guest(s), the term of the agreement, and a certification by the Physical Collocator that said agreement imposes upon the Guest(s) the same terms and conditions for Collocation space as set forth in this Attachment between AT&T and the Physical Collocator. The term of the agreement between the Host and its Guest(s) shall not exceed the term of this Agreement between AT&T and the Physical Collocator.

5.3.4.2 The Physical Collocator, as the Host, shall be the sole interface and the responsible Party to AT&T for the assessment and billing of rates and charges contained within this Attachment and for the purposes of ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest(s), the Guest(s) employees and agents. There will be a minimum charge of one (1) bay/rack per Host/Guest. In addition to the above, the Physical Collocator

shall be the responsible Party to AT&T for the purpose of submitting applications for initial and additional equipment placement for the Guest(s).

- 5.3.4.3 Notwithstanding the foregoing, the Guest(s) may submit service orders to AT&T to request the provisioning of interconnecting facilities between AT&T and the Guest(s), the provisioning of services, and/or access to Section 251(c)(3) UNEs. The bill for these interconnecting facilities, services and Section 251(c)(3) UNEs will be charged to the Guest(s) pursuant to the applicable the Guest's Interconnection Agreement with AT&T.

5.3.5 Cageless Collocation:

- 5.3.5.1 AT&T will provide cageless Collocation in any Collocation space that is supported by the existing Telecommunications infrastructure. AT&T will provide space in single bay increments, including available space adjacent to or next to AT&T's equipment as needed.
- 5.3.5.2 AT&T shall allow the Physical Collocator to collocate the Physical Collocator's equipment and facilities without requiring the construction of a cage or similar structure.
- 5.3.5.3 Except where the Physical Collocator's equipment requires special technical considerations (e.g., special cable racking or isolated ground plane), AT&T shall assign cageless Collocation arrangement in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, the Physical Collocator must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in TP-76200, and shall be responsible for compliance with all special technical requirements associated with such equipment.

5.4 Adjacent On-Site Collocation:

- 5.4.1 Where Physical Collocation space within the AT&T CO is Legitimately Exhausted AT&T will permit the Physical Collocator to Physically Collocate on AT&T's property in the Physical Collocator's adjacent structures similar to structures that AT&T uses to house Telecommunication Equipment, to the extent Technically Feasible.
- 5.4.2 AT&T and CLEC will mutually agree on the location of the designated space on AT&T premises where the Adjacent Structure will be placed. AT&T will not unreasonably withhold agreement as to the site desired by the Physical Collocator. Safety and maintenance requirements, zoning, future building expansion and other state and local regulations are all examples of reasonable grounds to withhold agreement as to the site desired by the Physical Collocator.
- 5.4.3 AT&T will offer the following increments of power to the Adjacent Structure:
- 5.4.3.1 a standard offering of one-hundred (100) amps of AC power to the Adjacent Structure when CO Switchboard AC capacity exists or
- 5.4.3.2 DC power within two (2) cable options that allow increments of 2-100 (100A feed and 100B feed) Amp Power Feeds, 2-200 (200A feed and 200B feed) Amp Power Feeds, 2-300 (300A feed and 300B feed) Amp Power Feeds, and 2-400 (400A feed and 400B feed) Amp Power Feeds to the Adjacent Structure from the CO Power source.
- 5.4.4 At its option, the Physical Collocator may choose to provide its own AC and DC power to the Adjacent Structure.
- 5.4.5 AT&T will provide Physical Collocation services to such Adjacent Structures, subject to the same requirements as other Collocation arrangements in this Attachment.
- 5.4.6 AT&T shall permit the Physical Collocator to place its own equipment, including, but not limited to, copper cables, coaxial cables, fiber cables and Telecommunications Equipment, in adjacent facilities constructed by the Physical Collocator's AT&T AIS. Accordingly, AT&T will not provide the Physical Collocator's personnel or agents with direct access to AT&T's MDF, with the exception of the AT&T's AIS Tier 1.

- 5.4.7 The Physical Collocator shall be responsible for securing all required licenses and permits, the required site preparations and shall further retain responsibility for securing and/or constructing the Adjacent Structure and any building and site maintenance associated with the placement of such Adjacent Structure.
- 5.4.8 Regeneration is required for Collocation in an Adjacent Structure if the cabling distance between the Physical Collocator's POT bay or termination point located in an Adjacent Structure and AT&T's cross-connect bay exceeds American National Standards Institute, Inc. (ANSI) limitations. Regeneration is not required in any other circumstances except where the Physical Collocator specifically requests regeneration. Required regeneration and Physical Collocator requested regeneration will be provided at the Physical Collocator's expense.
- 5.4.9 In the event that interior space in an Eligible Structure becomes available, AT&T will provide the option to the Physical Collocator to relocate its equipment from an Adjacent on-site facility into the interior space. In the event the Physical Collocator chooses to relocate its equipment into the interior space, appropriate charges applicable for Collocation within the Eligible Structure will apply.
- 5.4.10 If a Physical Collocator elects to provide an Adjacent On-Site Space Collocation as described above, when all available space for Physical Collocation is Legitimately Exhausted inside an AT&T Eligible Structure, AT&T will charge Planning Fees to recover the costs incurred to estimate the quotation of charges for the Collocator's Adjacent On-site Collocation arrangement request. Rates and charges are found in the Pricing Schedule. In addition, should the Collocator elect to have AT&T provision an extension of DC Power Service from the Eligible Structure to the Adjacent Structure, a Collocator Interconnect Power Panel (CIPP) will be required.
- 5.4.11 Adjacent On-site Planning Fee
 - 5.4.11.1 An initial Planning Fee will apply when a Collocator is requesting any Interconnection Terminations between the Collocator's Adjacent On-site structure and AT&T on an initial or subsequent Adjacent On-site collocation application. This fee recovers the design route of the Interconnection Terminations as well as the design route of the power arrangement to the Collocator's Adjacent On-site structure.

5.5 Virtual Collocation:

- 5.5.1 Virtual Collocation for the purpose of Interconnection under section 251(c)(2) to AT&T or access to AT&T provided 251(c)(3) UNEs is ordered as set forth in AT&T-22-STATE's Interconnector's Collocation Services Handbook for Virtual Collocation. AT&T will designate the location or locations within its wire centers, CEVs, huts and cabinets for the placement of all equipment and facilities associated with Virtual Collocation. Virtual Collocation does not involve the reservation of segregated CO or CEV, hut and Cabinet space for the use of Virtual Collocator. AT&T will provide Virtual Collocation for the Virtual Collocator's comparable equipment as it provides to itself in the CO, wire center, CEV, hut or Cabinet, as the case may be, subject to the requirements of this Agreement.

6.0 Reports

6.1 Space Availability Report:

- 6.1.1 CLEC may request a space availability report prior to its application for Collocation space within AT&T's Eligible Structures. This report will specify the amount of Collocation space available at each requested Eligible Structure, the number of Collocators, and any modifications in the use of the space since the last report. The report will also include measures that AT&T is taking to make additional space available for Collocation. CLEC may access the appropriate form for the space availability report on the AT&T CLEC Online website. A space availability report does not reserve space at the AT&T Premises for which the space availability report was requested by CLEC.
- 6.1.2 Fees for such reports are shown in the Pricing Schedule.

7.0 Application Process

- 7.1 AT&T will provide Collocation arrangements in Eligible Structures on a "first-come, first-served" basis. To apply for a Dedicated Space in a particular Eligible Structure CLEC and AT&T will follow the Collocation Application

("Application") process in the AT&T's Interconnector's Collocation Services Handbook at the AT&T CLEC Online website. The Collocator will provide a completed Application through the Collocation Application Web Portal via AT&T's CLEC Online website and will pay AT&T an initial Planning/Application Fee as found in the Pricing Schedule.

7.1.1 Application for Multiple Methods of Collocation:

7.1.1.1 A Collocator wishing AT&T to consider multiple methods for Collocation in an Eligible Structure on a single Application will need to include in each Application a prioritized list of its preferred methods of collocating, e.g., caged, cageless, or other, as well as adequate information, (e.g., specific layout requirements, cage size, number of bays, requirements relative to adjacent bays, etc.) for AT&T to process the Application for each of the preferred methods. If a Collocator provides adequate information and its preferences with its Application, AT&T would not require an additional Application, nor would the Collocator be required to restart the quotation interval should its first choice not be available in an Eligible Structure.

7.2 Complete and Accurate Application Review Process:

7.2.1 Upon receipt of the Collocator's complete and accurate Application and initial Planning/Application Fee payment, AT&T will begin development of the quotation.

7.2.2 In responding to an Application request, if space and interconnection facilities are available and all other Collocation requirements are met, AT&T shall advise the Collocator that its request for space is granted, confirm the applicable NRC and MRC rates and the estimated provisioning interval. AT&T will not select for Collocator the type of Collocation to be ordered.

7.2.3 All applicable NRCs are required to be paid to AT&T prior to the Collocation space being turned over to the Collocator. AT&T processes the payment of the aforementioned NRCs in two installments: 50% of the applicable NRCs are due upon the Collocator's deliverance of the signed BFFO to AT&T with the remaining 50% payment due two weeks prior to the Collocation space turnover.

7.3 Space Unavailability Determination and Resolution:

7.3.1 In responding to an Application request if space is not available, AT&T will notify the Collocator that its application for Collocation Space is denied due to the lack of space and no Application fee shall apply. If AT&T knows when additional Collocation space may become available at the AT&T CO requested by Collocator such information will be provided to Collocator in AT&T's written denial of Collocation Space. AT&T in its denial will provide the Collocator with any other known methods of Collocation that may be available within the Eligible Structure that the Collocator's Application addressed. If the Collocator determines the alternative method of collocation meets their needs, the Collocator will be required to submit a new collocation application and pay the initial Planning Fee.

7.3.2 The notification will include a possible future space relief date, if applicable. At that time, any non-recurring charges collected with the Application, including the Planning Fee, will be returned to the Collocator. When AT&T's response includes an amount of space less than that requested by Collocator or space that is configured differently, no Application fee will apply. If Collocator decides to accept the available space, Collocator must resubmit its Application to reflect the actual space available including the reconfiguration of the space. When Collocator resubmits its Application to accept the available space, AT&T will bill the applicable Application/ Planning fee.

7.3.3 In the event of a denial, AT&T will file a notice that the Collocator's request was denied with the Commission. When contested in support of its denial, AT&T will concurrently submit to both the Commission and the Collocator, provided under seal and subject to proprietary protections, the following when applicable:

- 7.3.3.1 central office common language location identifier (CLLI),
- 7.3.3.2 the identity of the requesting Collocator,
- 7.3.3.3 amount of space requested by the Collocator
- 7.3.3.4 the total amount of space at the AT&T premises

- 7.3.3.5 floor plan documentation (as provided for in the Space Availability Determination section of the Interconnector's Collocation Services Handbook)
- 7.3.3.6 identification of switch turnaround plans and other equipment removal plans and timelines, if any,
- 7.3.3.7 CO rearrangement/expansion plans, if any,
- 7.3.3.8 and description of other plans, if any, that may relieve space exhaustion.
- 7.3.4 In the event AT&T denies a Collocator's request and the Collocator disputes the denial, the Collocator may request a tour of the Eligible Structure to verify space availability or the lack thereof. The request shall be submitted to AT&T's designated representative in writing. Time limits established by the FCC must be respected. The inspection tour shall be scheduled as mutually agreeable.
- 7.3.5 Prior to the inspection tour, a "Reciprocal Non-disclosure Agreement" shall be signed by the designated AT&T representative and the representative the Collocator, who will participate in the tour.
- 7.3.6 AT&T will provide all relevant documentation to the Collocator including blueprints and plans for future facility expansions or enhancements, subject to executing the Reciprocal Non-disclosure Agreement. AT&T's representative will accompany and supervise the Collocator agent on the inspection tour.
- 7.3.7 If the Collocator believes, based on the inspection tour of the Eligible Structure facilities, that the denial of Physical Collocation space is unsupportable, the Collocator agent shall promptly so advise AT&T. The Collocator and AT&T shall then each concurrently prepare a report detailing its own findings of the inspection tour. The Collocator and AT&T reports shall be concurrently served on each other and submitted to the Commission no later than forty-five (45) calendar days following the filing of the request for space. The burden of proof shall be on AT&T to justify the basis for any denial of collocation requests.
- 7.4 Revisions:
 - 7.4.1 If a modification or revision is made to any information in the Application after AT&T has provided the Application response and prior to a BFFO, with the exception of modifications to (1) Customer Information, (2) Contact Information or (3) Billing Contact Information, whether at the request of Collocator or as necessitated by technical considerations, the Application shall be considered a new Application and handled as a new Application with respect to the response and provisioning intervals. AT&T will charge Collocator the appropriate Application/Augment fee associated with the level of assessment performed by AT&T.
 - 7.4.2 Once AT&T has provided the BFFO/quote and CLEC has accepted and authorized AT&T to begin construction, any further modifications and/or revisions must be made via a subsequent Collocation Application and the appropriate fees will apply.
- 7.5 Augments:
 - 7.5.1 A request from a Collocator to add or modify space, equipment, and/or cable to an existing Collocation arrangement is considered an Augment. Such a request must be made via a complete and accurate Application.
 - 7.5.2 Upon receipt of the Collocator's complete and accurate Application and Planning Fee payment, AT&T will begin development of the Augment quotation. In responding to an Augment request, if power and/or Interconnection facilities are available and all other Collocation requirements are met, AT&T shall advise the Collocator that its request is granted, confirm the applicable non-recurring and recurring rates and the estimated provisioning interval.
 - 7.5.3 Several types of Augments are identified in the Collocation section of the AT&T CLEC Online website. Those Augments will have associated pricing within the Pricing Schedule. Examples are:
 - 7.5.3.1 100 Copper cable pair connections
 - 7.5.3.2 28 DS1 connections and/or
 - 7.5.3.3 1 DS3 connections and/or
 - 7.5.3.4 24 fiber connections

- 7.6 For all Augments other than provided above, AT&T will work cooperatively with Collocator to negotiate a mutually agreeable delivery interval. All intervals and procedures associated with Augment Applications can be found in AT&T's Interconnector's Collocation Services Handbook at the AT&T CLEC Online website.
- 7.7 Intervals for Interconnection & Power Cabling:
- 7.7.1 CLEC shall consult the AT&T CLEC On-Line Handbook for information regarding interval changes regarding Interconnection to and /or Power Cabling changes. CLEC must use an AT&T AIS to establish Interconnection and/or Power cabling as outlined in the appropriate TP.
- 8.0 **Augment Application**
- 8.1 In the event Collocator or the Physical Collocator's Guest(s) desires to modify its use of the Collocation space in a CO after a BFFO, Collocator shall complete a new Application that contains all of the detailed information associated with a requested alteration of the Collocation space. The subsequent Application will be processed by AT&T when it is complete and accurate, meaning that all of the required fields on the Subsequent Application have been completed with the appropriate type of information associated with the requested alteration. AT&T shall determine what modifications, if any, to the AT&T Premises are required to accommodate the change(s) requested by Collocator in the subsequent Application. Such modifications to the AT&T Premises may include, but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, equipment additions, etc.
- 9.0 **Cancellation Prior to Due Date**
- 9.1 In the event that the Collocator cancels its Collocation Application after AT&T has begun preparation of the Telecommunications Infrastructure Space and Dedicated Space, but before AT&T has been paid the entire amounts due under this Attachment, then in addition to other remedies that AT&T might have, the Collocator shall be liable in the amount equal to the non-recoverable costs less estimated net salvage, the total of which is not to exceed the Preparation Charges. Non-recoverable costs include the non-recoverable cost of equipment and material ordered, provided or used; the non-recoverable cost of installation and removal, including the costs of equipment and material ordered, provided or used; labor; transportation and any other associated costs. Upon Collocator's request, AT&T will provide the Collocator with a detailed invoice showing the costs it incurred associated with preparation.
- 10.0 **Occupancy – Physical Collocation Only**
- 10.1 Unless there are unusual circumstances, AT&T will notify the Physical Collocator that the Dedicated Space is ready for occupancy after AT&T's completion of preparation of the Dedicated Space. All MRCs and NRCs will begin to accrue on the date that the Collocation space construction had been completed by AT&T ("Space Ready Date"), regardless of any failure by the Physical Collocator to complete its work or occupy the space.
- 10.2 After the Physical Collocator's receipt of such notice, the Physical Collocator shall request within fifteen (15) calendar days an acceptance walk-through of the Collocation space with AT&T. The acceptance walk-through will be scheduled on a mutually agreed upon date. Any material deviations from mutually agreed Application specifications may be noted by the Physical Collocator as exceptions, which to qualify as exceptions, must be agreed to as exceptions by AT&T. The agreed upon exceptions shall be corrected by AT&T by a mutually agreed upon date. The correction of these exceptions shall be at AT&T's expense. AT&T will then establish a new Space Ready Date.
- 10.3 Upon completion of corrections described in Section 10.2, AT&T will again notify the Physical Collocator that the Dedicated Space is ready for occupancy and the Parties will, upon Collocator's request, conduct a follow-up acceptance walk-through as set forth in this Section. This follow-up acceptance walkthrough will be limited to only those corrections identified and agreed to by the Parties in the initial walkthrough, as described in Section 10.2 above. If a follow-up acceptance walk-through is not requested by the Physical Collocator within 15 calendar days, the Space Ready Date shall be deemed to be the Delivery Date. If a follow-up acceptance walk-through is requested, but no continuing material exceptions are mutually agreed upon at the follow-up walk-through, the Delivery Date will be deemed to be the date of the follow-up acceptance walk-through. If a follow-up acceptance walk-through is requested, and material exceptions are mutually agreed upon at the follow-up walk-through, the Delivery Date will be deemed to be the date upon which the Physical Collocator accepts all corrections to such exceptions, which acceptance shall not be unreasonably withheld.

- 10.4 All charges to the Physical Collocator will begin to accrue on the Effective Billing Date, regardless of any failure by Collocator to complete its work or occupy the space. In the case of the termination of this Agreement prior to term, or the early termination of any Collocation services, AT&T shall be entitled to full payment within thirty (30) calendar days of such expiration or termination for all services performed and expenses accrued or incurred that AT&T is entitled to recover under the provisions of this Attachment for establishing such Collocation arrangement prior to such expiration or termination.
- 10.5 If the Physical Collocator cancels or abandons its Collocation space in any of AT&T COs before AT&T has recovered the full cost associated with providing that space to the Physical Collocator, the amount of any such remaining costs shall become immediately due and payable within thirty (30) calendar days after the Physical Collocator abandons that space.
- 10.6 The Physical Collocator shall notify AT&T in writing that its Collocation equipment installation is complete. For purposes of this Section, the Collocator's Telecommunications Equipment is considered to be operational and interconnected when it is connected to either AT&T's network or interconnected to another Third Party Collocator's equipment that resides within the same structure, provided the Third Party Collocator's equipment is used for Interconnection with AT&T's network or to obtain access to AT&T's 251(c)(3) UNEs. For the purpose of this Attachment, AT&T may refuse to accept any orders for cross-connects until it has received such notice from Physical the Collocator.
- 10.7 Early Space Acceptance:
- 10.7.1 If Physical Collocator decides to occupy the Collocation space prior to the Space Ready Date, the date Physical Collocator executes the Agreement for "Customer Access and Acceptance to Unfinished Collocation Space" is the date that will be deemed the space acceptance date and billing will begin from that date.
- 10.7.2 The Physical Collocator will, whenever possible, place its Telecommunications Equipment in the Collocation space within thirty (30) calendar days of space turnover. Operational Telecommunications Equipment must be placed in the Dedicated Space and interconnected to AT&T's network pursuant to Section 251(c)(2) or used to obtain access to AT&T 251(c)(3) UNEs within one hundred eighty (180) calendar days after receipt of Notice that AT&T has completed its work as required by the complete and accurate Collocation Application.
- 10.8 Reclamation of Dedicated Space:
- 10.8.1 If the Physical Collocator fails to place operational Telecommunications Equipment in the Dedicated Space to Interconnect with AT&T to obtain access to AT&T 251(c)(3) UNEs meeting all the requirements of Section 5.1 above and 10.7 above and the space is needed to meet customer demand (filed application for space, accompanied by all fees) for another Collocator or to avoid construction of a building addition, then AT&T has the right to reclaim the Dedicated Space. AT&T will send the Physical Collocator written Notice of its intent to terminate the Physical Collocator's Collocation arrangement in the prepared Dedicated Space within ten (10) Business Days after the notice date. If the Physical Collocator does not place operational Telecommunications Equipment in the Dedicated Space and interconnect with AT&T or obtain access to AT&T 251(c)(3) UNEs by that tenth (10th) Business Day then the Collocation is deemed terminated and the Physical Collocator shall be liable in an amount equal to the unpaid balance of the applicable charges.
- 10.8.2 If the Physical Collocator causes AT&T to prepare the Dedicated Space and then the Physical Collocator does not use the Dedicated Space (or all of the Dedicated Space), the Physical Collocator will pay AT&T the monthly recurring and other applicable charges as if the Physical Collocator were using the entire Dedicated Space, until such time as the Physical Collocator submits a complete and accurate decommissioning Application, and the decommissioning process is completed as required.
- 11.0 **Efficiently Used**
- 11.1 Orders for additional space will not be accepted until the Collocator's existing Collocation space in the requested Eligible Structure is Efficiently Used (as defined in Section 2 this Attachment) except to the extent the Collocator

establishes to AT&T's satisfaction that the Collocator's apparent inefficient use of space is caused by the CLEC holding Unused Space for future use on the same basis that AT&T holds Unused Space for future use.

- 11.2 Orders for additional CFAs will not be accepted until the specific CFA type requested (e.g. DS0, DS1, fiber, etc.) in the requested Eligible Structure is Efficiently Used. The determination as to whether this criterion is met or necessary is solely within the reasonable judgment of AT&T.

12.0 Relocation

12.1 AT&T Requested Relocation:

- 12.1.1 When AT&T determines, in order to be compliant with zoning changes, condemnation, or government order or regulation, that it is necessary for the Dedicated Space to be moved, AT&T will provide written notice to the resident Collocator(s) within five (5) Business Days of the determination to move the location. Such a determination may affect movement from an Eligible Structure to another Eligible Structure, or from an Adjacent Space Collocation structure to a different Adjacent Space Collocation structure or and Adjacent Space Collocation structure to an Eligible Structure.
- 12.1.2 If the relocation occurs for reasons other than an emergency, AT&T will provide the resident Collocator(s) with at least one hundred eighty (180) calendar days advance written Notice prior to the relocation.
- 12.1.3 An Application will be required by the Collocator for the arrangement of the new Dedicated Space and/or the new Telecommunications Equipment Space. The Collocator will not be required to pay any Application fees associated with the relocation described in this Section 12.1.
- 12.1.4 The Collocator shall be responsible for the costs for the preparation of the new Telecommunications Equipment Space and Dedicated Space at the new location or an adjacent space Collocation structure if such relocation arises from circumstances beyond the reasonable control of AT&T, including zoning changes, condemnation or government order or regulation that makes the continued occupancy or use of the Dedicated Space or the Eligible Structure in which the Dedicated Space is located or the adjacent space Collocation structure for the purpose then used, uneconomical in AT&T's reasonable discretion.
- 12.1.5 A Collocator's presence in AT&T COs or adjacent space Collocation structures must not prevent AT&T from making a reasonable business decision regarding building expansions or additions to the number of COs required to conduct its business or its locations.

12.2 CLEC Requested Relocation:

- 12.2.1 If the Physical Collocator requests that the Dedicated Space and/or Telecommunications Equipment space, be moved within the Eligible Structure in which the Dedicated Space is located, to another Eligible Structure, from an Adjacent Space Collocation structure, (as described in Section 5.4 above) to a different Adjacent Space Collocation structure or to an Eligible Structure, AT&T shall permit the Collocator to relocate the Dedicated Space or Adjacent Space Collocation structure, subject to availability of space and technical feasibility.
- 12.2.2 A new Application will be required for the new Dedicated Space and the Application fee shall apply.
- 12.2.3 The Collocator shall be responsible for all applicable charges associated with the move, including the re-installation of its equipment and facilities and the preparation of the new Telecommunications Equipment space, and Dedicated Space, or Adjacent Space Collocation structure as applicable. In any such event, the new Dedicated Space shall be deemed the Dedicated Space and the new Eligible Structure (where applicable) shall be deemed the Eligible Structure in which the Dedicated Space is located and the new Adjacent Space Collocation structure shall be deemed the Adjacent Space Collocation structure.

12.3 Virtual to Physical Relocation:

- 12.3.1 In the event Physical Collocation space was previously denied in an AT&T CO, due to technical reasons or space limitations, and Physical Collocation Space has subsequently become available, Collocator may relocate its existing Virtual Collocation arrangement(s) to a Physical Collocation arrangement(s).
- 12.3.2 Collocator must arrange with a AT&T AIS Tier 1 for the relocation of equipment from a Virtual Collocation space to a Physical Collocation space and will bear the cost of such relocation, including the costs

associated with moving the services from the Virtual Collocation space to the new Physical Collocation space.

13.0 Complete Space Discontinuance

13.1 Collocator Requested Termination of the Collocation Space:

- 13.1.1 The Collocator may terminate its occupancy of a particular Collocation space which includes the removal of all equipment, equipment bays, interconnection facilities (e.g., power, timing, grounding and interconnection cabling) and Collocator infrastructure installed within its Collocation space. The Collocator is required to provide a complete and accurate Collocation Application requesting to terminate its existing Collocation Arrangement (see AT&T's CLEC Online website for the appropriate form).
- 13.1.2 The Collocator and the Physical Collocator's Guest(s) shall have thirty (30) calendar days from the BFFO date or a date mutually agreed to by the Parties ("Termination Date") to vacate the Collocation Space. Unless the Physical Collocator's Guest(s) have assumed responsibility for the Collocation space housing the Guest(s)'s equipment and executed the appropriate documentation required by AT&T (see Space Reassignment section 13.2 below) to transfer the Collocation Space to the Guest(s) prior to Collocator's Termination Date then the Physical Collocator must insure the removal of all the Guest(s) equipment and facilities by the Termination Date.
- 13.1.3 Upon termination the Collocation Space will revert back to AT&T's space inventory.
- 13.1.4 The Collocator shall return the Collocation space to AT&T in the same condition as when it was first occupied by Collocator, with the exception of ordinary wear and tear.
- 13.1.5 Collocator's AT&T AIS shall be responsible for informing AT&T personnel of any required updates and/or changes to AT&T's records that are required in accordance with AT&T's TP specifications.
- 13.1.6 The Collocator shall be responsible for the cost of removing any Collocator constructed enclosure, as well as any CLEC installed supporting structures (e.g., racking, conduits, power cables, etc.), by the Termination Date.
- 13.1.7 Any equipment not removed by the Termination Date by the Collocator will be removed and disposed of by AT&T at the expense of the Collocator.
- 13.1.8 Upon termination of occupancy, Collocator, at its sole expense, shall remove its equipment and any other property owned, leased or controlled by Collocator from the Collocation Space
- 13.1.9 The Virtual Collocator will work cooperatively with AT&T to remove the Collocator's equipment and facilities via use of AT&T AIS from AT&T's property subject to the condition that the removal of such equipment can be accomplished without damaging or endangering other equipment located in the Eligible Structure. AT&T is not responsible for and will not guarantee the condition of such equipment removed by any Party.
- 13.1.10 The Virtual Collocator is responsible for arranging for and paying for the removal of virtually collocated equipment including all costs associated with equipment removal, packing and shipping.
- 13.1.11 Upon termination of the Collocation Space, the Collocator must remove the entrance cable used for the Collocation arrangement. If the entrance cable is not scheduled for removal within seven (7) calendar days after removal of the Collocation equipment, AT&T may arrange for the removal, and the Collocator will be responsible for any charges incurred to remove the cable. The Collocator is only responsible for physically removing entrance cables housed in conduits or inner-ducts and will only be required to do so when AT&T instructs the Collocator that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the CO.

13.2 Space Reassignment also known as Transfer of Ownership:

- 13.2.1 In lieu of submitting an Application to terminate a Collocation Arrangement, as described above, the Collocator ("Exiting Collocator") may reassign the Collocation Arrangement to another Collocator ("Collocator Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Collocation Arrangement may not occur without the written consent of AT&T. In order to request consent to assign a Collocation Arrangement, either the Collocator Assignee or Exiting Collocator must

submit a Collocation Application on behalf of both the Exiting Collocator and Collocator Assignee. Space Reassignment shall be subject to the following terms and conditions:

- 13.2.1.1 Collocator Assignee must, as of the date of submission of the Collocation Application, have an approved Interconnection Agreement with AT&T.
- 13.2.1.2 Exiting Collocator will be liable to pay all NRCs and MRCs Collocation charges on the Collocation Arrangement to be reassigned until the date AT&T turns over the Collocation Arrangement to the Collocator Assignee. Any disputed charges shall be subject to the Dispute Resolution Process in the GT&Cs of this Agreement. AT&T's obligation to turn over the Collocation Arrangement shall not arise until all undisputed charges are paid. Collocator Assignee's obligation to pay MRCs for a Collocation Arrangement will begin on the date AT&T makes available the Collocation Arrangement to the Collocator Assignee.
- 13.2.1.3 An Exiting Collocator may not reassign Collocation space in an Eligible Structure where a waiting list exists for Collocation space, unless all Collocator's on the waiting list above the Collocator Assignee decline their position. This prohibition does not apply in the case of an acquisition, merger or complete purchase of the Exiting Collocator's assets.
- 13.2.1.4 Collocator Assignee will defend and indemnify AT&T from any losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees) if any other person, entity or regulatory authority challenges the reassignment of any Collocation Arrangement(s) or otherwise claims a right to the space subject to the reassignment.
- 13.2.2 Collocator Assignee or the Exiting Collocator shall submit one (1) complete and accurate Application for each Collocation Arrangement. The Exiting Collocator must ensure that the Collocator Assignee complies with the following: Collocator Assignee submits a complete and accurate Application for a Collocation Arrangement, Collocator Assignee represents warrants and agrees that it has obtained an executed sale or lease agreement for and holds proper title to all non-AT&T equipment and other items in or otherwise associated with each Collocation Arrangement. Collocator Assignee further agrees to indemnify and hold AT&T harmless from any Third Party claims involving allegations that Collocator Assignee does not hold proper title to such non-AT&T equipment and other items.
- 13.2.3 AT&T in its response to the Application will provide a price quote. Collocator Assignee must pay one-hundred percent (100%) of all NRCs in the price quote before AT&T begins to convert the Collocation Arrangement being reassigned. Once Collocator Assignee has paid one-hundred percent (100%) of all such NRCs, AT&T shall finish the work to convert the space within thirty (30) calendar days. AT&T and Collocator Assignee will coordinate all conversion work to ensure that the End Users of Collocator Assignee will have minimal, if any, disruption of service during such conversion.
- 13.2.4 Collocator Assignee may submit a security application for access to a Collocation Arrangement simultaneously with the Collocation Application. If a completed security application is provided at the time the Collocation Application is filed, the security cards will be made available at the time that the Collocation space is turned over. If the security application is not provided at the time that the Collocation Application is filed, then Collocator Assignee may submit a security application for access at any time and the terms and conditions as provided in Section 4.11 above will apply. In no event will the security cards be provided to the Collocator Assignee before the assigned space is turned over.
- 13.2.5 Collocator Assignee assumes each Collocation Arrangement "as is" which means that AT&T will make no changes to the Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Collocation Arrangement by Collocator Assignee must be submitted via a separate augment Application (as provided by the Collocator Assignee's ICA).

13.3 Interconnection Termination Reduction:

- 13.3.1 The Collocator may request a reduction of the existing amount of Interconnection terminations that service a Collocation Arrangement. The Collocator shall submit an augment Application in order to process this request. The Collocator must maintain at least one minimum Interconnection arrangement.
- 13.3.2 Interconnection termination reduction requests may require the disconnection and removal of interconnection cable. AT&T will perform the interconnection cable removal work above the rack level at the applicable fees referenced in the Pricing Schedule. Within thirty (30) calendar days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Collocation Arrangement, the Collocator must remove terminations at both ends of the interconnection cable and cut and cap cables up to the AT&T rack level. Collocator must use the AT&T AIS for this procedure and AT&T AIS must follow the appropriate TP found on AT&T CLEC Online website.

14.0 Fiber Optic Cable and Demarcation Point

14.1 Fiber Optic Cable Entrance Facilities:

- 14.1.1 Collocator will utilize the Application process described within this attachment for entrance facility requests. All rate elements for Collocator Entrance Facility can be found in the Pricing Schedule.
- 14.1.2 The Collocator is responsible for bringing its entrance facilities to the entrance manhole(s) designated by AT&T, and leaving sufficient length of the cable in the manhole for AT&T to fully extend the Collocator-provided facilities to the designated point in the cable vault.
 - 14.1.2.1 The Physical Collocator's AT&T AIS Tier 1 will extend the Collocator provided fiber entrance cable from the cable vault to the Physical Collocation Dedicated Space.
 - 14.1.2.2 For a Virtual Collocation arrangement AT&T will splice the Collocator provided entrance fiber to an AT&T fiber cable terminated on AT&T's Fiber distribution frame.

- 14.2 If the Collocator has not left the cable in the manhole within one hundred twenty (120) calendar days of the request for entrance fiber, the Collocator's request for entrance fiber will expire and a new Application must be submitted along with applicable fees. The Collocator may request an additional thirty (30) calendar day extension by notifying AT&T, no later than fifteen (15) calendar days prior to the end of the 120 calendar day period mentioned above, of the need of the extension for the Collocator to place cable at the manhole.
- 14.3 The Collocator shall use a dielectric Optical Fiber Non-conductive Riser-rated (OFNR) fiber cable as the transmission medium to the Dedicated Space for Physical or to the AT&T designated splice point for Virtual. In addition, AT&T requires this fiber to be yellow or black with yellow striped sheath.
- 14.4 The Collocator, where not impractical for technical reasons and where space is available, may use Microwave Entrance Facility Collocation pursuant to the Microwave Attachment.
- 14.5 Copper or coaxial cable will only be permitted to be utilized as the transmission medium where the Collocator can demonstrate to AT&T or the Commission that use of such cable will not impair AT&T's ability to service its own End Users or subsequent Collocators. Collocation requests utilizing copper or coaxial cable facilities will be provided as an Individual Case Basis (ICB).
- 14.6 AT&T shall provide a minimum of two separate points of entry into the Eligible Structure, where AT&T has at least two such entry points, there is sufficient space for new facilities in those entry points, and it is Technically Feasible.. Where such dual points of entry are not available, when AT&T performs work as is necessary to make available such separate points of entry for itself, at the same time it will accommodate the Collocator's request under this Section. The Collocator and AT&T shall share the costs incurred by prorating those costs using the number of cables to be placed in the entry point by both AT&T and the Collocator(s).
- 14.7 AT&T will also provide nondiscriminatory access where Technically Feasible and sufficient space exists, to any entry point into Eligible Structures in excess of two (2) points in those locations where AT&T also has access to more than two such entry points. Where AT&T performs such work in order to accommodate its own needs and those specified in the Collocator's written request, the Collocator and AT&T shall share the costs incurred by prorating those costs using the number of cables to be placed in the entry point by both AT&T and the Collocator(s).

15.0 Entrance Facility Conduit to Vault, Per Cable Sheath

- 15.1 This facility represents any reinforced passage or opening in, on, under, over or through the ground between the first manhole and the cable vault through which the entrance cable is placed. Associated rates and charges can be found in the Pricing Schedule. All procedures for CLEC Entrance Facility Conduit can be found in the AT&T CLEC On-Line Handbook.

16.0 Virtual Collocation – Cooperative Responsibilities

- 16.1 The Virtual Collocator will work cooperatively with AT&T to develop implementation plans including timelines associated with:
- 16.1.1 Placement of Collocator's fiber into the CO vault,
 - 16.1.2 Location and completion of all splicing,
 - 16.1.3 Completion of installation of equipment and facilities,
 - 16.1.4 Removal of above facilities and equipment,
 - 16.1.5 To the extent known, the Collocator can provide forecasted information to AT&T on anticipated additional Virtual Collocation requirements,
 - 16.1.6 To the extent known, the Collocator is encouraged to provide AT&T with a listing of the equipment types that they plan to virtually collocate in AT&T's COs or CEVs, huts and cabinets. This cooperative effort will insure that AT&T personnel are properly trained on Collocator equipment.
- 16.2 Installation of Virtual Collocation Equipment:
- 16.2.1 AT&T does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's equipment, arrangement, or facilities.
 - 16.2.2 AT&T will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between Collocation equipment.
 - 16.2.3 In this arrangement, Telecommunications Equipment (also referred to herein as equipment) is furnished by the Collocator and engineered and installed by a AT&T AIS.
 - 16.2.4 The Collocator and AT&T must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, AT&T will cooperatively test the collocated equipment and facilities with the Collocator.
- 16.3 Repair & Maintenance of Equipment - Virtual Collocation Only:
- 16.3.1 Except in emergency situations, the Collocator-owned fiber optic facilities and CO terminating equipment will be repaired only upon the request of the Collocator. In an emergency, AT&T may perform necessary repairs without prior notification. The labor rates specified in the Pricing Schedule apply to AT&T COs and AT&T CEVs, huts and cabinets and are applicable for all repairs performed by AT&T on the Collocator's facilities and equipment.
 - 16.3.2 When initiating repair requests on Collocator owned equipment, the Collocator must provide AT&T with the location and identification of the equipment and a detailed description of the trouble.
 - 16.3.3 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, AT&T will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.
 - 16.3.4 The Collocator will request any and all maintenance by AT&T on its Virtually Collocated facilities or equipment. When initiating requests for maintenance on collocated equipment, the Collocator must provide AT&T with the location and identification of the equipment and a detailed description of the maintenance requested.
 - 16.3.5 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, AT&T will be responsible for maintaining the Virtually Collocated equipment at the same standards that it maintains its own equipment.

16.4 Alarm Maintenance:

16.4.1 The Collocator has the ability to purchase its own remote monitoring and alarming equipment.

16.4.2 Since the maintenance of the Collocator's equipment is at the direction and control of the Collocator, AT&T will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of the Collocator with the option discussed for during emergencies.

17.0 Interconnection to Others within the same Eligible Structure

17.1 Upon receipt of a BFFO, AT&T will permit the Collocator to construct, via an AT&T AIS Tier 1, direct connection facilities, (also known as Collo-to-Collo) to the Collocator's own Physical/Virtual Collocation arrangement and/or another Third Party Physical/Virtual Collocator's Collocation arrangement within the same Eligible Structure. The Collocator may use either copper or optical facilities between the collocated equipment in the same Eligible Structure, subject to the same reasonable safety requirements that AT&T imposes on its own equipment.

17.1.1 The Collocator is prohibited from using the Collocation space for the sole or primary purpose of cross-connecting to Third Party collocated Telecommunications Carrier's.

17.1.2 The Collocator must utilize an AT&T AIS Tier 1 to place the CLEC to CLEC connection.

17.1.3 The CLEC to CLEC connection shall be provisioned using facilities owned by Collocator.

17.1.4 With their Application the Collocator shall provide a Letter of Authorization (LOA) from the Third Party collocated Telecommunications Carrier to which the Collocator will be cross-connecting.

17.1.5 The CLEC to CLEC connection shall utilize AT&T common cable support structure and will be billed for the use of such structure according to rates in the Pricing Schedule.

18.0 Extraordinary Charges, Special Construction and Custom Work / ICB Charges

18.1 Extraordinary Charges - Collocator will be responsible for all extraordinary construction costs, incurred by AT&T to prepare the Collocation space for the installation of Collocator's equipment and for extraordinary costs to maintain the Collocation space for Collocator's equipment on a going-forward basis. Extraordinary costs may include costs for such items as asbestos removal, fire suppression system or containment, modifications or expansion of cable entry facility, increasing the DC power system infrastructure capacity, increasing the capacity of the AC system (if available), or of the existing commercial power facility, installation, maintenance, repair, monitoring of securing measures, conversion of non-Collocation space, or other modifications required by local ordinances. Ordinary costs may become extraordinary by their unusual nature (e.g. volume that is substantially beyond the average or typical Collocation arrangement or request) or its infrequency of occurrence (e.g. construction that will benefit only the requesting Collocator).

18.1.1 AT&T may charge a recurring and a non-recurring fee for extraordinary costs on a time-sensitive or time-and-materials basis.

18.1.2 An estimate of such costs plus contribution will be provided to the Collocator prior to AT&T commencing such work.

18.1.3 AT&T must advise Collocator if extraordinary costs will be incurred within twenty (20) Business Days of the Collocator's complete and accurate Application.

18.1.4 Extraordinary costs will only be billed upon receipt of the signed acceptance of AT&T's price quote. Construction will not begin until receipt of the Collocator's signed acceptance.

18.1.5 Special Construction and/or Custom work may not be charged to Collocator for any work performed which will benefit or be used by AT&T or other Collocators except on a pro-rated basis where reasonable.

19.0 DC Power Arrangement Provisioning and Power Reduction

19.1 In a CO AT&T shall make available -48V DC power to serve the Collocator's equipment. When obtaining DC power from an AT&T Power Source (BDFB or Power Plant), Collocator's fuses and power cables (for the A & B feeds) must be engineered (sized), and installed by Collocator's AT&T AIS Tier 1, in accordance with the number of DC amps requested by Collocator on Collocator's Initial Application or any Subsequent Applications. Collocator is also responsible for contracting with an AT&T AIS Tier 1 to run the power distribution feeder cable from the AT&T Power

Source to the equipment in Collocator's Collocation arrangement. The AT&T AIS Tier 1 contracted by Collocator must provide AT&T with a copy of the engineering power specifications prior to the day on which Collocator's equipment becomes operational (hereinafter "Commencement Date"). AT&T will provide the common power feeder cable support structure between the AT&T Power Source and Collocator's Collocation arrangement. Collocator shall contract with an AT&T AIS Tier 1 who shall be responsible for performing those power provisioning activities required to enable Collocator's equipment to become operational, which may include, but are not limited to, the installation, removal or replacement of the following: dedicated power cable support structure within Collocator's Collocation arrangement, power cable feeds and terminations of the power cabling. Collocator and Collocator's AT&T AIS Tier 1 shall comply with all applicable NEC, AT&T TP-76300, Telcordia and ANSI Standards that address power cabling, installation and maintenance.

- 19.2 AT&T will permit Collocator to request DC power in five (5) amp increments from five (5) amps up to forty (40) amps. Above forty amps, DC power will be provisioned in ten (10) amp increments up to one hundred (100) amps from the AT&T Power source.
- 19.3 Collocator Interconnect Power Panel (CIPP) – (Options):
 - 19.3.1 A Collocator Interconnect Power Panel (CIPP) with maximum 200 amp capacity may be ordered from AT&T or an equivalent panel provided by the Collocator's AT&T AIS Tier 1. At least one (1) DC power panel is required with each application requiring DC Power when designed to provide between 50 and 200 amps per feed of DC current. However the Collocator may substitute the required power panel with an equivalent power panel subject to meeting NEBS Level 1 Safety and review by AT&T technical support. See the Collocation Handbook for additional information.
- 19.4 Eligible Structure Ground Cable Arrangement, Each:
 - 19.4.1 The ground cable arrangement is the cabling arrangement designed to provide grounding for equipment within the Collocator's Dedicated Space. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. AT&T provides an Integrated Ground Plane to serve the Collocator's equipment in the same manner as AT&T equipment. Requests for an "Isolated" Ground Plane will be treated on an ICB basis.
- 19.5 Power Reduction:
 - 19.5.1 The Collocator may request to decrease the amount of existing power available to a Collocation Arrangement. This can be done either by disconnecting and removing a power cable feed or by replacing the existing fuse with a fuse of a lower breakdown rating on a power cable feed. If the Collocator desires to disconnect a power arrangement (A&B feed), the Collocator will be responsible for hiring an AT&T AIS Tier 1 to remove the terminations at both ends of the power cable feed and cut cables up to the AT&T rack level that make up the power arrangement. If the Collocator desires to reduce the amperage on a power cable feed, the Collocator will be responsible for paying the costs necessary to change the fuse that serves the A&B feeds at the AT&T power source. In either case, the Collocator must maintain a minimum amount of power on at least one power arrangement (A&B feed) to service their Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.
 - 19.5.2 If the Collocator desires to only reduce the fuse capacity on an existing power arrangement (A&B feed) rather than disconnect and remove cable to an existing power arrangement, they may only reduce the fuse size to the lowest power amp increment offered in this Attachment referenced in 19.2 above. Different minimum amp increments apply for power arrangements fed from either an AT&T BDFB or an AT&T power plant. When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in the Pricing Schedule will apply. When the Collocator has only one power arrangement (A&B feed) serving their Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.
 - 19.5.3 When a power reduction request involves a fuse change only on a power arrangement serviced from the AT&T BDFB (e.g. power arrangements less than or equal to a fifty (50) amp A feed and a fifty (50) amp B feed) the Collocator must hire an AT&T AIS Tier 1 to coordinate fuse changes at the AT&T BDFB. Applicable fees referenced in Pricing Schedule will still apply. When a power reduction request involves a

fuse change on a power arrangement serviced from the AT&T Power Plant (e.g. power arrangements consisting of a one-hundred (100) amp A feed and a one-hundred (100) amp B feed and above), the Collocator must hire an AT&T AIS Tier 1 power supplier to coordinate the fuse changes at the AT&T power plant.

- 19.5.4 When a power reduction request requires disconnecting and removing a power cable feed from either the AT&T's BDFB (Battery Distribution Fuse Bay) or power plant, the AT&T AIS Tier 1 will perform the power cable removal work up to the rack level.. Applicable fees referenced in Pricing Schedule will apply. Within thirty (30) calendar days after submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity:

19.5.4.1 Remove terminations at both ends of the power cable feed and cut cables up to the AT&T rack level. Collocator must use a AT&T AIS Tier 1 for this procedure and that supplier must follow TP76300 guidelines for cutting and capping the cable at the rack level.

- 19.6 When the Collocator has multiple power arrangement serving a Collocation Arrangement (e.g., one power arrangement consisting of fifty (50) amps on the A feed and fifty (50) amps on the B feed and a second power arrangement consisting of twenty (20) amps on the A feed and twenty (20) amps on the B feed), the Collocator has the option of either fusing down the fifty (50) amp power arrangement (A&B feed) or disconnecting and removing the power cable feed from the fifty (50) amp power arrangement (A&B feed). If the Collocator chooses to disconnect and remove the power cable feed from a power arrangement (A&B feed), then the charges referenced in Pricing Schedule will apply. If the Collocator has multiple power arrangements (A&B feed) where they can request both a fuse reduction and a power cable removal for one Collocation Arrangement [e.g. reduce one power arrangement from fifty (50) amps (A&B feed) to twenty (20) amps (A&B feed) and remove the power cable from a second power arrangement from fifty (50) amps (A&B feed) to 5 amps (A&B feed)], then the project management fee for power cable removal referenced in the Pricing Schedule will apply in addition to the individual charges referenced in the Pricing Schedule associated with the overall power reduction request.
- 19.7 For any power reduction request (one which involves either a disconnect and removal, re-fusing only, or a combination of the two), the Collocator must submit an augment application for this request along with the appropriate application and project management fees referenced in the Pricing Schedule. The same Augment intervals that are outlined in this Attachment for adding power will apply to power reduction requests.

20.0 Collocation In CEV'S, HUTS And CABINETS

- 20.1 Remote Terminals - When the requirements of this Agreement are met, collocation will be allowed in Controlled Environmental Vaults (CEV's), Huts and Cabinets and other AT&T owned or controlled premises where Collocation is practical and Technically Feasible, e.g. where heat dissipation is not severely limited and there is sufficient space for Collocator's equipment.
- 20.2 AT&T will assign space in a RT in two-inch vertical mounting space increments within a CEV, Hut or cabinet for the placement of Collocator's equipment. The number of two-inch vertical mounting spaces required is determined by the size of the equipment to be placed plus additional space required for heat dissipation and ventilation of the equipment to be placed in adjacent equipment. Refer to the Pricing Schedule for rates.
- 20.3 AT&T: RT Collocation Arrangements - AT&T shall make available -48V DC power for Collocator's RT Collocation arrangement at an AT&T power source within the RT. The charge for power shall be assessed as part of the MRCs per the Pricing Schedule. If the power requirements for Collocator's equipment exceed the capacity available, then such additional power requirements shall be assessed on an individual case basis.

APPENDIX POLES, CONDUITS, AND RIGHTS-OF-WAY

MASTER AGREEMENT FOR ACCESS TO POLES, DUCTS, CONDUITS, AND RIGHTS-OF-WAY

This Appendix is made by and between Southwestern Bell Telephone, L.P. d/b/a AT&T Ohio ("AT&T") and Cox Ohio Telecom, L.L.C. ("CLEC"). As provided in this Appendix, AT&T will provide CLEC nondiscriminatory access, in accordance with the Pole Attachment Act, the Telecommunications Act of 1996, and applicable rules, regulations, and commission orders, to poles, ducts, conduits, and rights-of-way owned or controlled by AT&T and located in this state.

ARTICLE 1: PARTIES

- 1.01 The Ohio Bell Telephone Company d/b/a AT&T Ohio ("AT&T"). AT&T's principal office is located at 208 South Akard, Dallas, TX 75202.
- 1.02 CLEC Legal Name. Cox Ohio Telecom, L.L.C. ("CLEC") is a Limited Liability Company incorporated in the State of Delaware. CLEC maintains an office at 1400 Lake Hearn Drive, Atlanta, GA 30319. CLEC is more fully described in EXHIBIT II ("Identification of CLEC").

ARTICLE 2: PURPOSE OF APPENDIX

The Communications Act of 1934, as amended by the Telecommunications Act of 1996, states that each local exchange carrier has the duty to afford access to the poles, ducts, conduits, and rights-of-way of such carrier on rates, terms, and conditions that are consistent with the Pole Attachment Act, 47 U.S.C. § 224, as amended by the Telecommunications Act of 1996. The primary purpose of this Appendix is to set forth the basic rates, terms, conditions, and procedures under which CLEC shall have access to AT&T's poles, ducts, conduits, and rights-of-way. AT&T shall provide CLEC with nondiscriminatory access to poles, ducts, conduits, or rights-of-way owned solely or in part by it, or controlled by it, as the term "nondiscriminatory access" is defined in the Telecommunications Act of 1996. This Appendix is intended by the parties to implement, rather than abridge, their respective rights and remedies under federal and state law.

- 2.01 Access Ancillary to Arrangements for Interconnection, Collocation, and Access to Unbundled Network Elements. Nothing contained in this Appendix shall be construed as precluding CLEC from having such additional access to AT&T's poles, ducts, conduits, and rights-of-way as may be necessary to effectuate the terms of other arrangements between CLEC and AT&T relating to interconnection, collocation, and access to unbundled network elements. To the extent that this Appendix does not provide the access required, additional terms of access may be included in any tariff or agreement between the parties establishing arrangements for interconnection, collocation, or access to unbundled network elements.

ARTICLE 3: DEFINITIONS

- 3.01 Definitions In General. As used in this Appendix, the terms defined in this article shall have the meanings set forth below in Sections 3.02 to 3.48 except as the context otherwise requires.
- 3.02 Anchor. The term "anchor" refers to a device, structure, or assembly which stabilizes a pole and holds it in place. An anchor assembly may consist of a rod and fixed object or plate, typically embedded in the ground, which is attached to a guy strand or guy wire which, in turn, is attached to the pole. The term "anchor" does not include the guy stand which connects the anchor to the pole.
- 3.03 Appendix. When capitalized, the term "Appendix" refers to this Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way. The term "Appendix" includes all appendices, attachments, and addenda to this Appendix.
- 3.04 Assigned. When used with respect to pole, duct, conduit, or right-of-way space, the term "assigned" refers to space that is occupied by, or has been designated for occupancy by, either party or by another

telecommunications carrier, cable television system, provider of telecommunications services, governmental entity, or other person or entity having occupancy rights. Except as otherwise specifically provided in this Appendix, no person or entity shall have the right to occupy space assigned to another person or entity (other than on a temporary basis in the event of emergency) until the assignment has been released or lapsed. Assignment is further described in Article 8 of this Appendix.

- 3.05 Authorized contractor. "Authorized contractors" are contractors selected by CLEC who may, subject to CLEC's direction and control, perform facilities modification or make-ready work which would ordinarily be performed by AT&T or persons acting on AT&T's behalf. As used in this Appendix, the term "authorized contractor" does not refer to contractors performing routine installation, maintenance, or repair work on CLEC's behalf or other contractors who may be selected by CLEC to perform work on CLEC's behalf without AT&T's approval. More specifically, the term "authorized contractor" refers only to those contractors included on a list of contractors mutually approved by CLEC and AT&T to perform one or more of the following tasks within a specified AT&T construction district: (a) installation of those sections of CLEC's ducts or facilities which connect to AT&T's conduit system as provided in Section 6.08(c); (b) installation of inner duct as provided in Section 10.02(b); (c) excavation work in connection with the removal of retired or inactive (dead) cables as provided in Section 10.02(c); or (d) make-ready work as provided in Sections 10.04 and 10.05. A person or entity approved as an authorized contractor is only an authorized contractor with respect to those tasks for which such person or entity has been approved by both parties and is an authorized contractor only in those AT&T construction districts agreed to by both parties. Designation of an authorized contractor for a specific category of tasks shall not be deemed to be the designation of such person or entity as an authorized contractor for other purposes, nor shall approval of an authorized contractor by one AT&T construction district constitute approval of such authorized contractor for the area served by a different AT&T construction district; provided, however, that if a specific construction job extends beyond the boundaries of a single construction district, an authorized contractor shall, for the purposes of that job, be deemed to have been approved by all AT&T construction districts in which the work is to be performed.
- 3.06 Available. When used with respect to pole, duct, conduit, and right-of-way space, the term "available" refers to space that is not occupied or assigned. In conduit systems owned or controlled by AT&T, maintenance ducts shall not be considered "available" for assignment. All other unassigned ducts, inner ducts, sub-ducts, and partitioned conduits in a conduit system owned or controlled by AT&T shall be deemed available for assignment.
- 3.07 Cables. The term "cable" includes but is not limited to twisted-pair copper, coaxial, and fiber optic cables. Cables are transmissions media which may be attached to or placed in poles, ducts, conduits, and rights-of-way but are not themselves poles, ducts, conduits, or rights-of-way. Nothing contained in this Appendix shall be construed as a grant of access to cables attached to AT&T's poles or placed in AT&T's ducts, conduits, or rights-of-way.
- 3.08 Conduit. The term "conduit" refers to all AT&T conduits subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, conduits are tubes or structures, usually underground or on bridges, containing one or more ducts used to enclose cables, wires, and associated transmission equipment. Except as the context otherwise requires, the term "conduit" refers only to conduit owned or controlled by AT&T, including the re-enterable manholes and handholes used to connect ducts and provide access to the cables, wires, and facilities within the ducts. As used in this Appendix, the term "conduit" refers only to conduit structures (including ducts, manholes, and handholes) and space within those structures and does not include (a) cables and other telecommunications equipment located within conduit structures or (b) central office vaults, controlled environment vaults, or other AT&T structures (such as huts and cabinets) which branch off from AT&T conduit.
- 3.09 Conduit occupancy. The term "conduit occupancy" refers to the presence of wire, cable, optical conductors, or other within any part of AT&T's conduit system.

- 3.10 Conduit system. The term “conduit system” refers to any combination of ducts, conduits, manholes, and handholes joined to form an integrated whole. As used in this Appendix, the term “conduit system” refers only to conduit systems owned, or controlled by AT&T and does not include (a) cables and other telecommunications equipment located within conduit structures, (b) central office vaults, controlled environment vaults, or other AT&T structures (such as huts and cabinets) which branch off from AT&T conduit or (c) isolated pipe and ducts not connected to the conduit system.
- 3.11 Construction District. The term “construction district” refers to the AT&T organization responsible for outside plant construction in a specified geographic area. The term “construction district” connotes responsibility for handling a function and not to the official name of the organization responsible for outside plant construction matters.
- 3.12 Cost/Cost-based. The terms “cost” and “costs” refer to costs determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. The term “cost-based” refers to rates, fees, and other charges which are based on costs and determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders.
- 3.13 Duct. The term “duct” refers to all AT&T ducts subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, a duct is a single enclosed tube, pipe, or channel for enclosing and carrying cables, wires, and other facilities. As used in this Appendix, the term “duct” includes “inner ducts” created by subdividing a duct into smaller channels. Except as the context otherwise requires, the term “duct” refers only to ducts owned or controlled by AT&T and space within those ducts and does not include cables and other telecommunications equipment located within such ducts.
- 3.14 Exhibit. The capitalized term “EXHIBIT” refers to one of the following exhibits to this Appendix.
- | | |
|---------------|--|
| EXHIBIT I: | Intentionally Left Blank |
| EXHIBIT II: | Identification of CLEC |
| EXHIBIT III: | Administrative Forms and Notices |
| SW-9433: | Pole Attachments |
| SW-9434: | Access Application and Make-Ready Authorization Work |
| SW-9435: | Conduit Occupancy |
| SW-9436A: | Notification of Surrender or Modification of Pole Attachment License by Licensee |
| SW-9436B: | Notification of Surrender or Modification of Conduit Occupancy License by CLEC |
| SW-9436C: | Notification of Unauthorized Attachments by CLEC |
| EXHIBIT IV: | Insurance Requirements |
| EXHIBIT V: | Nondisclosure Agreement |
| EXHIBIT VII: | Notices to AT&T |
| EXHIBIT VIII: | Identification of Utility Liaison Supervisor (ULS) |
- 3.15 Facilities. The terms “facility” and “facilities” refer to any property, equipment, or items owned or controlled by any person or entity.
- 3.16 FCC. The acronym “FCC” refers to the Federal Communications Commission.

- 3.17 First Interconnection Order. The term "First Interconnection Order" refers to the First Report and Order adopted by the FCC on September 1, 1996, and released on September 8, 1996, in CC Docket No. 96-98, In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996 and CC Docket No. 95-185, In the Matter of Interconnection between Local Exchange Carriers and Commercial Mobile Radio Service Providers. Access to poles, ducts, conduits, and rights-of-way is addressed in the First Interconnection Order in Paragraphs 1119-1240.
- 3.18 Handhole. The term "handhole" refers to a structure similar in function to a manhole, but which is too small for personnel to enter. As used in this Appendix, the term "handhole" refers only to handholes which are part of AT&T's conduit system and does not refer to handholes which provide access to buried cables not housed within AT&T ducts or conduits. As used in this Appendix, the term "handhole" refers only to handhole structures owned or controlled by AT&T and does not include cables and other telecommunications equipment located within handhole structures.
- 3.19 This Section Intentionally Left Blank.
- 3.20 Interconnection agreement. The term "interconnection agreement" refers to the interconnection agreement, if any, to which this Appendix has been made an appendix, attachment, or exhibit, or, as the context may require, any other interconnection agreement between the parties.
- 3.21 Jacket. The term "jacket" refers to a single enclosed outer covering containing communications wires, fibers, or other communications media. As used in this Appendix, the term "jacket" refers to the outermost sheath or jacket of a cable.
- 3.22 Joint user. The term "joint user" refers to any person or entity which has entered or may enter into an agreement or arrangement with AT&T permitting it to attach its facilities to AT&T's poles or anchors or place its facilities in AT&T conduit system.
- 3.23 License. The term "license" refers to a written instrument confirming that AT&T has afforded CLEC or another joint user access to specific space on or within a pole, duct, conduit, or right-of-way owned or controlled by AT&T in accordance with applicable federal and state laws and regulations. The term "license" includes licenses issued by AT&T pursuant to this Appendix and may, if the context requires, refer to licenses issued by AT&T prior to the date of this Appendix.
- 3.24 Local service provider ("LSP"). The terms "local service provider" and "LSP" refer to telecommunications carriers authorized by applicable federal and state laws and regulations to provide local exchange service. As used in this Appendix, these terms include AT&T.
- 3.25 Maintenance duct. The term "maintenance duct" generally refers to a full-sized duct (typically three inches in diameter or larger) which may be used by AT&T and joint users (including CLEC) on a short-term basis for maintenance, repair, or emergency restoration activities. Maintenance ducts will be available, on a nondiscriminatory basis, to all persons and entities (including AT&T, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located for (a) short-term emergency repairs as provided in Article 15 of this Appendix and (b) short-term non-emergency maintenance or repair activities as provided in Articles 12 and 13 of this Appendix. No more than one full-sized duct within any given conduit system cross-section shall be designated by AT&T as the maintenance duct. In those locations where, on the effective date of this Appendix, there is not a full-sized duct available to be used as a maintenance duct, AT&T will designate an inner duct, if one is available, as the maintenance duct although such inner duct may be too small to accommodate some of the cables occupying the conduit section in which such inner duct is located. The term "maintenance duct" does not include ducts and conduits extending from a AT&T manhole to customer premises. Maintenance ducts shall not be considered "available" (as defined in Section 3.06) for assignment to AT&T, CLEC, or joint users for purposes other than short-term use as contemplated in this section; provided, however, that AT&T may assign the duct currently designated as a maintenance duct if another suitable full-sized duct will be made available to serve as a replacement maintenance duct and may assign an inner duct currently

designated as a maintenance duct if another inner duct will be made available to serve as a replacement maintenance duct. Maintenance duct designations may change from time to time and may or may not be reflected in AT&T outside plant records. When only one usable full-sized duct remains in a conduit section, that duct shall be deemed to be the maintenance duct.

- 3.26 Make-ready work. The term “make-ready work” refers to all work performed or to be performed to prepare AT&T poles, ducts, conduits, and rights-of-way and related facilities for the requested occupancy or attachment of CLEC’s facilities. Make-ready work does not include the actual installation of CLEC’s facilities. “Make-ready work” includes, but is not limited to, clearing obstructions (e.g., by “rodding” ducts to ensure clear passage), the rearrangement, transfer, replacement, and removal of existing facilities on a pole or in a conduit system where such work is required to accommodate CLEC’s facilities (as contrasted from work performed on AT&T’s behalf in furtherance of AT&T’s own business needs, or convenience). “Make-ready work” may require “dig-ups” of existing facilities and may include the repair, enlargement or modification of AT&T’s facilities (including, but not limited to, conduits, ducts, handholes and manholes), consolidating services into fewer cables, or the performance of other work required to make a pole, anchor, duct, conduit, manhole, handhole or right-of-way usable for the initial placement of CLEC’s facilities. All splicing and associated wire work related to any make ready request will be completed by the owner of the facilities involved. The cost for performing this work will be paid for by the party requiring the make ready.
- 3.27 Manhole. The term “manhole” refers to an enclosure, usually below ground level and entered through a hole on the surface covered with a cast iron, cast aluminum, steel, or concrete manhole cover, which personnel may enter and use for the purpose of installing, operating, and maintaining facilities in a conduit. The term “handhole” refers to a structure similar in function to a manhole, but which is usually too small for personnel to enter. As used in this Appendix, the term “manhole” refers only to manhole structures owned or controlled by AT&T and does not include cables and other telecommunications equipment located within manhole structures.
- 3.28 Occupancy. The term “occupancy” refers to the physical presence of facilities on a pole, in a conduit or duct, or within a right-of-way.
- 3.29 Overlashing. The term “overlashing” refers to the practice of placing an additional cable or inner duct by lashing spinning wire over both existing cables and existing strands supporting those cables or inner ducts.
- 3.30 Person acting on CLEC’s behalf. The terms “person acting on CLEC’s behalf,” “personnel performing work on CLEC’s behalf,” and similar terms include both natural persons and firms and ventures of every type, including, but not limited to, corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms “person acting on CLEC’s behalf,” “personnel performing work on CLEC’s behalf,” and similar terms specifically include, but are not limited to, CLEC, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request of or as directed by CLEC and its respective officers, directors, employees, agents, and representatives. An authorized contractor selected by CLEC to perform make-ready work shall be deemed to be a person acting on CLEC’s behalf while performing such work at CLEC’s request.
- 3.31 Person acting on AT&T behalf. The terms “person acting on AT&T behalf,” “personnel performing work on AT&T’s behalf,” and similar terms include both natural persons and firms and ventures of every type, including but not limited to corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms “person acting on AT&T’s behalf,” “personnel performing work on AT&T’s behalf,” and similar terms specifically include, but are not limited to, AT&T, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request or on behalf of AT&T and its respective officers, directors, employees, agents, and representatives. An authorized contractor selected by AT&T to perform make-ready work shall be deemed to be a person acting on AT&T’s behalf while performing such work at AT&T’s request.

- 3.32 Pole. The term “pole” refers to all AT&T poles subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). Except as the context otherwise requires, the term “pole” refers only to utility poles and anchors which are either owned or controlled by AT&T and does not include cables and other telecommunications equipment attached to pole structures.
- 3.33 Pole Attachment. As defined in the Pole Attachment Act, 47 U.S.C. § 224(a)(4), the term “pole attachment” refers to “any attachment by a cable television system or provider of telecommunications service to a pole, duct, conduit, or right-of-way owned or controlled by a utility.” In this Appendix, except as the context otherwise requires, the term “pole attachment” refers to any attachment by a cable television system or provider of telecommunications service to a pole (and associated anchors) owned or controlled by AT&T. The term “pole attachment” includes all such facilities attached to or supported by a AT&T pole, including but not limited to cables, risers and U-guards, equipment boxes, drop wires, anchors, bolts, clamps, drive rings, guys, hooks, strands, and other hardware affixed to the pole. Groupings of associated pole attachments for billing purposes shall be consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. Except as otherwise authorized by applicable FCC rules, regulations, or orders, CLEC’s pole attachments occupying the same usable space (or otherwise associated with facilities occupying the same usable space on a pole) shall be treated as a single attachment for billing purposes.
- 3.34 Pole Attachment Act. The term “Pole Attachment Act” refers to those provisions of the Communications Act of 1934, as amended by the Telecommunications Act of 1996, now codified as 47 U.S.C. § 224, as those provisions may be amended from time to time.
- 3.35 Pre-license survey. The term “pre-license survey” refers to work and activities performed or to be performed by AT&T or by persons acting on AT&T’s behalf for the primary purpose of:
- (a) confirming or determining the existing availability and capacity of a pole duct, conduit, or right-of-way and identifying capacity, safety, reliability, or engineering concerns, if any, relating to CLEC’s application;
 - (b) confirming or determining the extent, if any, to which modifications to AT&T’s poles, ducts, conduits, or rights-of-way are required to accommodate CLEC’s facilities;
 - (c) confirming or determining what make-ready work, if any, will be required to prepare AT&T’s poles, ducts, conduits, or rights-of-way to accommodate CLEC’s facilities; and
 - (d) estimating the costs, if any, that CLEC will be required to pay for any such make-ready work or facilities modifications.
- 3.36 Pre-occupancy survey. The term “pre-occupancy survey” refers to work and activities performed or to be performed by CLEC or persons acting on behalf of CLEC for the primary purpose of enabling CLEC to determine:
- (a) whether AT&T’s poles, ducts, conduits, or rights-of-way, in their existing condition, are suitable for CLEC’s intended use;
 - (b) the extent, if any, to which modifications of AT&T’s poles, ducts, conduits, or rights-of-way will be proposed by CLEC to expand the capacity of AT&T’s poles, ducts, conduits, or rights-of-way to accommodate CLEC’s facilities; and
 - (c) what make-ready work, if any, is required to prepare the poles, conduits, or conduit system to accommodate CLEC’s facilities.
- 3.37 Primary point of contact. The term “primary point of contact” refers to the persons designated by CLEC and AT&T, respectively, to coordinate arrangements for CLEC’s access to AT&T’s poles, ducts, conduits, and rights-of-way and records relating to such poles, ducts, conduits, and rights-of-way. AT&T’s designated

primary point of contact shall be the Utility Liaison Supervisor unless the parties have arranged for that function to be performed by a designated account representative who will serve as an intermediary between CLEC and the Utility Liaison Supervisor.

- 3.38 Rights-of-way. As used in this Appendix, the term “rights-of-way” refers generally to legal rights to pass over or use the land of another for limited purposes as defined in a statute, ordinance, easement, grant or other conveyance. Rights-of-way include, but are not limited to public rights-of-way authorizing AT&T to locate facilities on, under, or over public lands and roadways servitudes created by private easements or obtained through the exercise of eminent domain authority enabling AT&T to pass over, place facilities on, and have rights of ingress and egress to the and of another. Rights-of-way also include easements which, at the time of land development or subdivision, were dedicated for use by public or private utilities and are being occupied, in whole or in part, by AT&T’s facilities.
- 3.39 Sheath. The term “sheath” refers to an enclosed covering containing communications wires, fibers, or other communications media. A cable may include both inner and outer sheaths.
- 3.40 Spinning. The term “spinning” refers to a method of attaching a cable or inner-duct to a supporting strand. “Spinning” is sometimes referred to as “lashing.”
- 3.41 State. When capitalized, the term “State” (as used in terms such as “this State”) refers to the State of Ohio.
- 3.42 State Commission. The term “State Commission” refers to the Public Utility Commission of Ohio.
- 3.43 Strand. The term “strand” refers to support wires, typically stranded together, or other devices attached to a pole and connecting that pole to an anchor or to another pole for the purpose of increasing pole stability or supporting wires, cables, and associated facilities. The term “strand” includes, but is not limited to, strands sometimes referred to as “anchor strands,” “anchor/guy strands,” “down guys,” “guy strands,” “pole-to-pole guys,” and “messengers.”
- 3.44 Telecommunications Act of 1996. The term “Telecommunications Act of 1996” refers to the Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56, enacted February 8, 1996.
- 3.45 Third party. The terms “third party” and “third parties” refer to persons and entities other than the parties to this Appendix (that is, persons and entities other than CLEC and AT&T).
- 3.46 Utility Liaison Supervisor (“ULS”). The terms “Utility Liaison Supervisor” and “ULS” refer to the person or persons designated by AT&T to be responsible for handling and processing requests for access to AT&T’s poles, ducts, conduits, and rights-of-way in this State. The term “ULS” connotes responsibility for handling a function and is not a job title. Except as otherwise specifically provided in this Appendix or in the parties’ interconnection agreement, if any, the ULS shall serve as CLEC’s single point of contact for arranging access to AT&T’s poles, ducts, conduits, and rights-of-way and access to AT&T’s records relating to AT&T’s poles, ducts, conduits, and rights-of-way. The Utility Liaison Supervisor for this State is identified in EXHIBIT VIII.
- 3.47 Vault. The term “vault” includes central office vaults and controlled environment vaults (“CEVs”). Vaults may be connected to, but are not considered part of, AT&T’s conduit system. Access, if any, to vaults (and to ducts, conduits, and risers which serve no purpose other than to provide a means of entry to and exit from such vaults) shall be governed by the tariffs, agreements, or commission orders, if any, establishing arrangements for interconnection, collocation, and access to unbundled network elements, and not by this Appendix.
- 3.48 “Vicinity of” When used in terms such as “vicinity of AT&T’s conduit system,” “vicinity of AT&T’s poles,” “vicinity of AT&T’s rights-of-way,” or “vicinity of AT&T’s poles, ducts, conduits, or rights-of-way,” the term “vicinity of ...” includes sites on, within, near to, surrounding, or adjoining AT&T’s poles, ducts, conduits, and rights-of-way. These sites include, but are not limited to, all sites within a distance of 10 feet of any AT&T pole, duct, conduit, or right-of-way.

ARTICLE 4: NATURE AND SCOPE OF AGREEMENT

- 4.01 Scope of Agreement. This Appendix establishes procedures for grants of non-discriminatory access to AT&T poles, ducts, conduits, and rights-of-way located within this State, without regard to whether the site is located on public or private property.
- 4.02 No Transfer of Property Rights. Nothing contained in this Appendix or any license issued hereunder shall create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other. The payment of fees and charges as provided by this Appendix and licenses issued hereunder shall not create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other. No use, however extended, of AT&T's poles, ducts, conduits, or rights-of-way shall create or vest (or be construed as creating or vesting) in CLEC any right, title, or interest in or to any real or personal property owned by AT&T, and the placement of CLEC's facilities on or in AT&T's poles, ducts, conduits and rights-of-way shall not create or vest in AT&T any right, title, or interest in such facilities.
- 4.03 No Effect on AT&T's Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way. Except as provided in subsections (a)-(b) of this section, nothing contained in this Appendix or any license subject to this Appendix shall in any way affect AT&T's right to abandon, convey, or transfer to any other person or entity AT&T's interest in any of AT&T's poles, ducts, conduits, or rights-of-way.
- (a) AT&T shall give CLEC no less than 60 days written notice prior to abandoning, conveying, or transferring any pole, duct, conduit, or right-of-way (1) to or in which CLEC has attached or placed facilities pursuant to this Appendix or (2) with respect to which CLEC has been assigned pole attachment or conduit occupancy space. The notice shall identify the transferee, if any, to whom any such pole, duct, conduit, or right-of-way is to be conveyed or transferred.
 - (b) Transfers or conveyances of poles, ducts, conduits, or rights-of-way to any entity controlling, controlled by, or under common control with AT&T or to any entity which acquires or succeeds to ownership of substantially all of AT&T's assets shall be subject to CLEC's rights under this Appendix and licenses subject to this Appendix.
- 4.04 No Effect on AT&T's Rights to Manage its Facilities. Except to the extent expressly provided by the provisions of this Appendix and subject to the provisions of the Telecommunications Act of 1996 and other applicable laws, rules, and regulations, nothing contained in this Appendix shall be construed as limiting or interfering with AT&T's rights to:
- (a) locate, relocate, move, replace, modify, maintain, and operate its own facilities (including but not limited to AT&T's poles, ducts, conduits and rights-of-way, and any of AT&T's facilities attached thereto or located therein) at any time and in any manner which AT&T deems appropriate to serve its own customers, avail itself of new business opportunities, or otherwise meet its own business needs; or
 - (b) enter into new agreements or arrangements with other persons or entities permitting them to attach or place their facilities on or in AT&T's poles, ducts, conduits, or rights-of-way,
- provided, however, that such relocations, moves, replacements, modifications, maintenance, and operations or new agreements or arrangements shall not interfere with CLEC's pole attachment, right-of-way, or conduit occupancy use rights provided pursuant to this Appendix.
- 4.05 No Effect on CLEC's Rights to Manage its Own Facilities. This Appendix shall not be construed as limiting or interfering with CLEC's right to conduct its normal business operations in serving its customers or to avail itself of new business opportunities except to the extent expressly provided by the provisions of this Appendix or by the Telecommunications Act of 1996 or other applicable laws, rules or regulations.
- 4.06 No Right to Interfere with Facilities of Others. Except to the extent expressly provided by the provisions of this Appendix or by the Telecommunications Act of 1996 or other applicable laws, rules, or regulations, the

provisions of this Appendix shall not be construed as authorizing either party to this Appendix, or persons acting on their behalf, to rearrange or interfere in any way with the facilities of the other party or joint users or with the use of or access to such facilities by the other party or joint users.

ARTICLE 5: ACCESS TO RIGHTS-OF-WAY

- 5.01 Public Rights-of-Way. AT&T and CLEC agree that neither party has the right to restrict or interfere with the other party's access to public rights-of-way. AT&T and CLEC shall each be responsible for obtaining their own rights-of-way and permission to use real or personal property owned or controlled by any governmental body, subject to the procedures set forth in Section 5.03 below.
- 5.02 Private Rights-of-Way Not Owned or Controlled by AT&T. AT&T and CLEC agree that neither party has the right to restrict or interfere with the other party's access to private rights-of-way not owned or controlled by AT&T. Each party shall make its own, independent legal assessment of its right to enter upon or use the land or property of third-party property owners and shall bear all expenses, including legal expenses, involved in making such determinations, subject to the procedures set forth in Section 5.03 below.
- 5.03 Access to Associated Rights-of-Way. Each pole attachment and conduit occupancy license made under this Appendix shall include access to and use of all associated rights-of-way, including, but not limited to, rights-of-way required by CLEC for ingress, egress, or other access to any sites where AT&T's solely or partly owned or controlled poles, manholes, conduit, ducts, or other parts of AT&T's solely or partly owned or controlled conduit system are located, but only to the extent, if any, that AT&T has the legal authority to grant such access and use. AT&T also agrees to provide nondiscriminatory access to rights-of-way containing Controlled Environment Vaults (CEVs), huts, cabinets, and other similar structures to the extent that collocation to such facilities is agreed or required by order of any court or governmental agency having jurisdiction over the subject matter. AT&T agrees that it shall place no restrictions on CLEC's ability to construct, maintain, and monitor its facilities at these sites that are more restrictive than those AT&T places on itself.
- (a) Although AT&T shall afford access to rights-of-way owned or controlled by it and permit CLEC to utilize AT&T's rights-of-way to the extent that AT&T has legal authority to do so, CLEC acknowledges that AT&T may not own or control certain rights-of-way to the extent necessary to permit CLEC full access to such rights-of-way. The following general principles shall be applied with respect to access to rights-of-way on third-party real estate:
- (1) CLEC shall first attempt to obtain right-of-way directly from the property owner.
 - (2) If AT&T has legal authority to permit access by CLEC to a right-of-way on third-party property, AT&T will not restrict CLEC's use of the right-of-way.
 - (3) If CLEC has the right of eminent domain under state law, CLEC shall independently attempt to obtain the right-of-way it seeks through the exercise of that right.
- (b) AT&T and CLEC agree that dark fiber and unused four-wire copper cable are not considered "poles, conduits, and rights-of-way".
- 5.04 Access to Rights-of-Way Incident to the Use of CEVs and Similar Structures. AT&T will provide CLEC nondiscriminatory access, consistent with the requirements of the Pole Attachment Act and Telecommunications Act of 1996, and as provided in Sections 5.03 above, to rights-of-way containing Controlled Environment Vaults (CEVs), huts, cabinets, and other similar structures. AT&T will place no restrictions on access to such rights-of-way that are more restrictive than those AT&T places on itself; provided, however, that neither party shall conduct activities on such rights-of-way which interfere with the facilities of the other party, with the privacy of communications carried over the other party's network, or with the other party's access to and use of its own facilities. This section relates only to access to rights-of-way and shall not be construed as granting access to the CEVs, huts, cabinets, and similar structures located on such rights-of-way. Access, if any, to CEVs, huts, cabinets, and similar structures, and to ducts,

conduits, and risers which serve no purpose other than to provide a means of entering or exiting such structures, shall be governed by the tariff, agreement, or order, if any, granting CLEC access to such structures.

ARTICLE 6: SPECIFICATIONS

- 6.01 Compliance with Requirements, Specifications, and Standards. CLEC agrees that CLEC's facilities attached to AT&T's poles or occupying space in its ducts, conduits, and rights-of-way shall be attached, placed, constructed, maintained, repaired, and removed in full compliance with the requirements, specifications, and standards specified in this Appendix.
- 6.02 Design to Minimize the Need for Access to AT&T's Poles, Ducts, and Conduits. The parties shall each design their facilities to minimize the need for the parties to access AT&T's poles, ducts, and conduits.
- 6.03 Infrequent Construction Techniques and Connectivity Solutions. Unless precluded by documented engineering criteria or written guidelines AT&T applied to itself as of January 1, 1996, consistent with considerations of safety, reliability, and or engineering practices, AT&T agrees to permit CLEC at its own expense to utilize the following techniques to avoid high or unusual expenditures: (a) placement of pole attachments on both the "field" side and "road" side of a pole; (b) placement of extension arms or stand-off brackets on poles; and (c) building conduit branches into AT&T's conduit systems. CLEC acknowledges that use of the above techniques will be rare, and will be permitted only on a case-by-case basis.
- 6.04 Published Standards. AT&T and CLEC agree that the following standards equally apply to either party with respect to facilities attached to or placed in AT&T's poles, ducts, conduits, and rights-of-way and further agree that facilities shall be placed, constructed, maintained, repaired, and removed in accordance with, current (as of the date when such work is performed) editions of the following publications:
- (a) the Blue Book Manual of Construction Procedures, Special Report SR-TAP-001421, published by Bell Communications Research, Inc. ("Bellcore"), and sometimes referred to as the "Blue Book";
 - (b) the National Electrical Safety Code ("NESC"), published by the Institute of Electrical and Electronic Engineers, Inc. ("IEEE"); and
 - (c) the National Electrical Code ("NEC"), published by the National Fire Protection Association ("NFPA").
- 6.05 Additional Electrical Design Specifications: Conduit. The parties agree that, in addition to the specifications and requirements referred to in Sections 6.01-6.04 above, facilities placed in AT&T's conduit system after the effective date of this Appendix shall meet all of the electrical design specifications set forth in this section.
- (a) No facilities shall be placed in AT&T's conduit system in violation of FCC regulations, including regulations relating to electrical interference. In addition, neither party shall place any facility in AT&T's conduit system which causes or may cause electrical interference with the facilities of the other party or joint users sufficient to jeopardize network integrity or degrade the quality of any communications services offered by either party or a joint user. If either party is notified by the other party or a joint user that its facilities are causing, or have the potential to cause, unacceptable levels of electrical interference, the party notified shall either correct the problem, remove the facility, or initiate good faith negotiations with the complaining party or joint user to resolve the issue.
 - (b) Facilities placed in AT&T's conduit system shall not be designed to use the earth as the sole conductor for any part of the circuits.
 - (c) Facilities placed in AT&T's conduit system and carrying more than 50 volts AC (rms) to ground or 135 volts DC to ground shall be enclosed in an effectively grounded sheath or shield.

- (d) No coaxial cable shall be placed in AT&T's conduit system unless such cable meets the voltage limitations of Article 820 of the National Electrical Code.
 - (e) Coaxial cable placed in AT&T's conduit system may carry continuous DC voltages up to 1800 volts to ground where the conductor current will not exceed one-half ampere and where such cable has two separate grounded metal sheaths or shields and a suitable insulating jacket over the outer sheath or shield. The power supply shall be so designed and maintained that the total current carried over the outer sheath shall not exceed 200 microamperes under normal conditions. Conditions which would increase the current over this level shall be cleared promptly.
 - (f) CLEC shall not circumvent the corrosion mitigation measures of AT&T or joint users.
- 6.06 Additional Physical Design Specifications: Conduit. Facilities placed in AT&T's conduit system following the effective date of this Appendix shall meet all of the following physical design specifications:
- (a) Except as otherwise specifically agreed in this Appendix or licenses issued hereunder CLEC's facilities shall enter AT&T's conduit system at locations consistent with the physical design specifications that AT&T applies to itself (typically through a manhole) or at such other designated locations agreed upon in writing (e.g., through the licensing process) by the parties in accordance with Section 6.03 (infrequent construction techniques and connectivity solutions).
 - (b) Cables bound or wrapped with cloth or having any kind of fibrous coverings or impregnated with an adhesive material shall not be placed in AT&T's conduit or ducts.
 - (c) The integrity of AT&T's conduit system and overall safety of personnel require that "dielectric cable" be used within AT&T's conduit system when a cable facility utilizes a duct or route shared in the same trench by any electric transmissions facility such as the facilities of a power utility.
 - (d) New construction splices in cables (including but not limited to fiber optic and twisted pair cables) shall be located in manholes, pull boxes or handholes.
- 6.07 Efficient Use of Conduit. To ensure efficient use of conduits, AT&T will, when cable diameters permit, install inner ducts in multiples that fully utilize duct space (typically three or four inner ducts in a full four-inch duct) as needed for AT&T's own business purposes and to accommodate CLEC and other joint users; provided, however, that AT&T shall not be required to install inner duct in anticipation of potential future requests for access by CLEC and other joint users.
- 6.08 Specifications Applicable to Connections: Conduit. Except as otherwise specifically agreed in this Appendix or licenses issued hereunder, or as mutually agreed upon by the parties in writing, the following specifications apply to connections of CLEC's conduit to AT&T's conduit system:
- (a) CLEC shall not bore, make, or enlarge any hole in, or otherwise structurally modify or alter any manhole, handhole, duct, conduit, or other facility which is part of AT&T's conduit system except as provided in this Appendix or licenses issued hereunder, or as mutually agreed upon by the parties in writing.
 - (b) Nothing contained in subsection (a) shall be construed as precluding CLEC or qualified personnel acting on CLEC's behalf from reattaching cable racks or performing similar routine work which is minor in nature and associated with the placing and splicing of cable.
 - (c) Where CLEC's duct or facility physically connects with AT&T's manhole the section of CLEC's facility which connects to AT&T's manhole shall be installed by AT&T or its contractor at CLEC's expense (which shall be AT&T's actual costs or the price charged AT&T by the contractor). AT&T will perform this work in an interval consistent with the intervals AT&T performs work for itself. If AT&T's interval for beginning or completing this work does not meet CLEC's needs, CLEC as an authorized contractor may perform the work itself or use subcontractor(s) selected by CLEC from a list of mutually agreeable qualified "bidders" developed by AT&T and CLEC.

- (d) AT&T will have the option to monitor the entrance and exit of CLEC's facilities into AT&T's conduit system and the physical placement of CLEC's facilities in AT&T's conduit system. Notice requirements for, and expenses associated with, this monitoring are addressed in Section 6.11 of this Appendix.
- (e) If CLEC constructs or utilizes a duct connected to AT&T's conduit system, the duct and all connections between that duct and AT&T's conduit system shall be sealed to prevent the entry of gases or liquids into AT&T's conduit system. If CLEC's duct enters a building, it shall also be sealed where it enters the building and at all other locations necessary to prevent the entry of gases and liquids from the building into AT&T's conduit system.

6.09 General Requirements Relating to Personnel, Equipment, Materials, and Public Safety. The parties contemplate that CLEC, its contractors, and other persons acting on its behalf will perform work for CLEC on, within, and in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way. The provisions of this section are intended to protect the integrity of the networks, facilities and operations of AT&T, CLEC and joint users, to protect the health and safety of persons working on, within, or in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way, and to protect the public at large.

- (a) Neither party nor any person acting on such party's behalf shall permit any person to climb on or work on AT&T's poles or in the vicinity of AT&T's poles, or enter AT&T's manholes or work within or in the vicinity of AT&T's conduit system, unless such person has the training, skill, and experience required to recognize potentially dangerous conditions relating to the pole or conduit system and to perform the work safely.
- (b) Neither party nor any person acting on such party's behalf shall permit any person acting on its behalf to perform any work on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way without first verifying, to the extent practicable, on each date when such work is to be performed, that conditions at the work site (including but not limited to the physical condition of the pole or any part of AT&T's conduit system) are sufficiently safe for the work to be performed. If CLEC or any person acting on CLEC's behalf determines that the condition of the pole, duct, conduit, conduit system, or rights-of-way is not safe enough for the work to be performed, CLEC shall notify AT&T of the condition of the pole or conduit system in question and shall not proceed with the work until CLEC is satisfied that the work can be safely performed.
- (c) Neither party nor any person acting on such party's behalf shall knowingly permit defective equipment or materials to be used on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.
- (d) When CLEC or personnel performing work on its behalf are working on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way located within, under, over, adjacent to, or in the vicinity of streets, highways, alleys or other traveled rights-of-way, CLEC and all personnel performing work on CLEC's behalf shall follow procedures which CLEC deems appropriate for the protection of persons and property. CLEC and its contractors shall be responsible, at all times, for determining and implementing the specific steps required to protect persons and property at the site. CLEC or its designated contractor will provide all traffic control and warning devices required to protect pedestrian and vehicular traffic, workers, and property from danger. CLEC and its contractors shall have sole responsibility for the safety of all personnel performing work on CLEC's behalf, for the safety of bystanders, and for insuring that all operations conform to current OSHA regulations and all other governmental rules, ordinances or statutes.
- (e) Neither party nor any persons acting on such party's behalf shall engage in any conduct which damages public or private property in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way or creates a hazard or nuisance on such property (including but not limited to a hazard or nuisance resulting from any abandonment of or failure to remove its facilities or any construction debris from the property, failure to erect warning signs or barricades as may be necessary to give notice to

others of unsafe conditions on the premises while work performed on its behalf is in progress, or failure to restore the property to a safe condition after such work has been completed).

- (f) CLEC shall promptly suspend activities on, within, or in the vicinity of AT&T's poles, ducts, or conduits, if notified by AT&T that such activities create an unreasonable risk of injury to persons or property (including unreasonable risks of service interruptions). CLEC shall not resume such activities on or in the vicinity of CLEC's poles until CLEC is satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified and shall not resume such activities within or in the vicinity of AT&T's conduit system until both CLEC and AT&T are satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified. In the event that AT&T requires CLEC to suspend work activities and it is later determined that there was no reasonable basis for the work suspension, AT&T agrees to compensate CLEC for the cost resulting from the delay.
- (g) All personnel acting on CLEC's behalf shall, while working on or in AT&T's poles, ducts, conduits, or rights-of-way, carry with them suitable identification and shall, upon the request of any AT&T employee or representative, produce such identification.
- (h) CLEC (and any person acting on CLEC's behalf) may report unsafe conditions on, within, or in the vicinity of AT&T's poles or conduit system to AT&T.

6.10 Specific Requirements Relating to Personnel, Equipment, Materials, and Construction Practices Within or in the Vicinity of AT&T's Conduit Systems. When AT&T or CLEC, their contractors, and other persons acting on their behalf perform work on, within, or in the vicinity of AT&T's ducts, conduits, and rights-of-way where such ducts or conduits are located, they will be guided by the following:

- (a) Except as may be mutually agreed upon by the parties in writing, CLEC shall not "rod" or clear any duct or inner duct in AT&T's conduit system other than a duct or inner duct assigned to CLEC. Following the assignment of a specific duct or inner duct to CLEC, CLEC may request that AT&T rod or clear the duct or inner duct. If the duct or inner duct cannot be cleared, AT&T shall assign to CLEC the next available duct or inner duct. CLEC's request for assignment of the next available duct shall be in writing, may be transmitted to AT&T via fax or other transmission media mutually agreed upon by the parties, and shall be processed within the same intervals applicable to the processing of similar requests by AT&T's own personnel.
- (b) Personnel performing work within AT&T's conduit system on either party's behalf shall not climb on, step on, or otherwise disturb the cables, air pipes, equipment, or other facilities located in any manhole or other part of AT&T's conduit system.
- (c) Personnel performing work within or in the vicinity of AT&T's conduit system (including any manhole) on either party's behalf shall, upon completing their work, make reasonable efforts to remove all tools, unused materials, wire clippings, cable sheathing and other materials brought by them to the work site.
- (d) All of CLEC's facilities shall be firmly secured and supported in accordance with Bellcore and industry standards and any applicable construction standards adopted by AT&T and applicable to AT&T's own facilities.
- (e) CLEC's facilities shall be plainly identified with CLEC's name in each manhole with a firmly affixed permanent tag that meets the identification standards set by AT&T for its own facilities.
- (f) Manhole pumping and purging required in order to allow work operations to proceed shall be performed in accordance with the requirements of Sections 6.14 and 6.15.
- (g) Planks or other types of platforms shall be supported only by cable racks.

- (h) Any leak detection liquid or device used by CLEC or personnel performing work on CLEC's behalf within or in the vicinity of AT&T's conduit system shall be of a type approved by AT&T and included on AT&T's then-current list of approved types of leak-detection liquids and devices; provided, however, that CLEC may use any type of leak detection liquid or device which meets Bellcore's published standards if AT&T has not provided CLEC AT&T's list of approved types of leak detection liquids or devices at least 60 days in advance of CLEC's work.
- (i) CLEC and its contractors shall be responsible for providing proper ventilation while work is being performed in AT&T's conduit system on CLEC's behalf. Except for protective screens, no temporary cover shall be placed over an open manhole unless it is at least four feet above the surface level of the manhole opening.
- (j) Smoking or the use of any open flame is prohibited in manholes, in any other portion of the conduit system, or within 10 feet of any open manhole entrance.
- (k) Artificial lighting, when required by CLEC, will be provided by CLEC. Only explosion-proof lighting fixtures shall be used.
- (l) Neither AT&T nor CLEC nor personnel performing work on its behalf shall allow any combustible gas, vapor, liquid, or material to accumulate in AT&T's conduit system (including any manhole) during work operations performed within or in the vicinity of AT&T's conduit system.
- (m) All parties shall abide by any laws, regulations, and ordinances regarding the use of spark producing tools, equipment, or devices (including but not limited to such tools as electric drills and hammers, meggers, breakdown sets, induction sets, and the like) in manholes or in any other portions of the conduit system.
- (n) Cable lubricants used in conduit systems shall be of a type or types approved by AT&T and included on AT&T's then-current list of approved types of cable lubricants; provided, however, that CLEC may use any type of cable lubricant which meets Bellcore's published standards if AT&T has not provided CLEC AT&T's list of approved types of cable lubricants at least 60 days in advance of CLEC's work.

6.11 Opening of Manholes and Access to Conduit. The following requirements apply to the opening of AT&T's manholes and access to AT&T's conduit system.

- (a) CLEC will notify AT&T not less than 5 business days in advance before entering AT&T's conduit system to perform non-emergency work operations. Such operations shall be conducted during normal business hours except as otherwise agreed by the parties. The notice shall state the general nature of the work to be performed. As a courtesy, CLEC shall, when feasible, provide AT&T with 10 working days advance notice before entering AT&T's conduit system.
- (b) The parties contemplate that CLEC may need to perform operations in AT&T's conduit system other than during normal business hours and may occasionally require access to manholes on shorter notice than contemplated in subsection (a) above. Under these circumstances, CLEC shall notify AT&T as soon as is reasonably possible of its intent to enter and perform work in the conduit system and AT&T shall not, without due cause and justification, insist on literal compliance with the scheduling requirements of subsection (a) in such circumstances. AT&T will establish procedures enabling AT&T to receive notices from CLEC under this subsection 24 hours a day, seven days a week.
- (c) Each party must obtain any necessary authorization from appropriate authorities to open manholes for such party's own conduit work and operations therein.
- (d) Where CLEC personnel, certified based on industry standards, perform installation, maintenance and similar routine work at AT&T sites, AT&T may, at its option, send one or more employees to review such work. CLEC and AT&T shall share the cost of a single AT&T employee reviewing the

work during emergency and non-emergency situations. AT&T will not be compensated by CLEC for any additional employees reviewing the work. The AT&T employees assigned for review and inspection of CLEC personnel work must be available during all normal business hours for such assignments to minimize inconvenience to CLEC. If the work at AT&T sites is performed by a contractor agreed upon by CLEC and AT&T, AT&T shall be responsible for the costs of its employees sent to inspect the contractor's work. However, if the CLEC personnel perform work at the site of an interconnection point where the participation of AT&T personnel is integral for the successful completion of the work, CLEC is responsible for paying the costs of AT&T personnel reasonably needed for such work.

- (e) AT&T and CLEC further agree that CLEC shall pay to AT&T a penalty of \$500.00 for each unauthorized entry into the conduit system.

6.12 OSHA Compliance. Each party agrees:

- (a) its facilities attached to AT&T's poles or placed in AT&T's ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the Occupational Safety and Health Act (OSHA) and all rules and regulations promulgated thereunder and
- (b) all persons shall, when working on, within, or in the vicinity of AT&T's poles or conduit system, comply with OSHA and all rules and regulations thereunder.

6.13 Environmental Contaminants in AT&T's Conduit System. CLEC acknowledges that, from time to time, environmental contaminants may enter AT&T's conduit system and accumulate in manholes or other conduit facilities.

- (a) CLEC may, at its expense, perform such inspections and tests at the site of any pole, duct, conduit, or right-of-way occupied by or assigned to CLEC as CLEC may deem necessary to determine the presence at such sites of environmental contaminants. AT&T will assist CLEC, at CLEC's request and expense, in the performance of such inspections and tests.
- (b) AT&T makes no representations to CLEC or personnel performing work on CLEC's behalf that AT&T's poles, ducts, conduits, or rights-of-way will be free from environmental contaminants at any particular time. Before entering a manhole or performing any work within or in the vicinity of AT&T's conduit system or any other site subject to access under this Appendix, CLEC or personnel acting on CLEC's behalf shall independently determine, to their satisfaction, whether such contaminants are present and conduct their work operations accordingly.
- (c) Each party shall promptly notify the other of environmental contaminants known by such party to be present on, within or in the vicinity of poles, ducts, conduits, or rights-of-way occupied by or assigned to CLEC if, in the sole judgment of such party, such environmental contaminants create a serious danger to (1) the health or safety of personnel working within or in the vicinity of the conduit or (2) the physical condition of the other party's facilities placed or to be placed within the conduit.
- (d) Nothing contained in this Appendix (including but not limited to the acknowledgments and representations set forth in this section) shall relieve either party from its responsibility to comply with all applicable environmental laws or its responsibility for any liability arising out of such party's failure to comply with such laws.

6.14 Compliance with Environmental Laws and Regulations. CLEC and AT&T agree to comply with the following provisions relating to compliance with environmental laws and regulations.

- (a) All persons acting on CLEC's or AT&T's behalf, including but not limited to CLEC's or AT&T's employees, agents, contractors, and subcontractors, shall, when working on, within or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way, comply with all applicable federal, state,

and local environmental laws, including but not limited to all environmental statutes, ordinances, rules, and regulations.

- 6.15 Compliance with Other Governmental Requirements (Including Aeronautical Navigation Safeguards). CLEC and AT&T agree that their facilities attached to AT&T's poles or placed in AT&T's ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the ordinances, rules, and regulations of any governing body having jurisdiction of the subject matter (including but not limited to any valid ordinances, rules, and regulations requiring permits, certificates, licenses or the like). CLEC and AT&T shall comply with all statutes, ordinances, rules, regulations, and other laws requiring the marking and lighting of aerial wires, cables, and other structures to ensure that such wires, cables, and structures are not a hazard to aeronautical navigation.
- 6.16 Responsibility for Condition of Facilities. Each party will be responsible at all times for the condition of its facilities (including but not limited to those extending from AT&T's poles, ducts, conduits, or rights-of-way directly to any other location) and for its compliance with the requirements and specifications of this article and all applicable laws, rules, regulations, and ordinances.

ARTICLE 7: PRIMARY POINTS OF CONTACT, ACCESS TO RECORDS, AND PRE-OCCUPANCY INSPECTIONS

- 7.01 Designation of Primary Points of Contact. Each party will, at the request of the other party, designate a primary point of contact to facilitate communications between the parties and the timely processing of CLEC's applications for access to AT&T's poles, ducts, conduits, and rights-of-way located within this State. Designations of primary points of contact will be made by written notices including the name, title, address, phone number, and fax number of the person designated as the primary point of contact; provided, however, that unless and until a different designation is made, AT&T's primary point of contact shall be the Utility Liaison Supervisor identified in EXHIBIT VIII. Designation of primary points of contact pursuant to this section shall not affect notice requirements or other legal requirements set forth in other provisions of this Appendix or the parties' interconnection agreement.
- 7.02 Determinations by CLEC of Suitability and Availability. CLEC shall make its own, independent assessment of the suitability of AT&T's poles, ducts, conduits, and rights-of-way for CLEC's intended purposes.
- 7.03 Access to Records Relating to AT&T's Poles, Ducts, Conduits, and Rights-of-Way. This section establishes procedures through which certain records and information relating to AT&T's poles, ducts, conduits, and rights-of-way will be made available to CLEC. Access to such records and information shall be conditioned on CLEC's execution of a nondisclosure agreement equivalent in substance to the Nondisclosure Agreement (AT&T Pole, Duct, Conduit, and Rights-of-Way) attached to this Appendix as Exhibit V or such other nondisclosure agreement as shall be mutually acceptable to the parties, and no person acting on CLEC's behalf shall be granted access to such records and information without first signing such a nondisclosure agreement. CLEC shall reimburse AT&T for all reasonable costs incurred by AT&T in granting CLEC's requests for access to records and information under this section.
- (a) CLEC shall, after the effective date of this Appendix, have reasonable access to AT&T's pole and conduit maps and records. CLEC shall be permitted to examine these records during regular business hours at a location where copies of such records are maintained or at such other location as may be mutually agreed upon by the parties. Access to such maps and records shall be by appointment only, and AT&T shall make such maps and records available for inspection by CLEC on two business days notice.
- (b) The access described in subsection (a) shall include the right to make copies, at CLEC's expense. In all instances, such access shall include the ability to take notes and make drawings with references to those maps and records. No references to cable counts or circuit information may be included in any such copies, notes, or drawings. With respect to customer-specific information, CLEC copies, notes, or drawings may include only such information as needed for bona fide

engineering and construction purposes. CLEC's copies, notes, and drawings may include estimates regarding the physical characteristics (such as size and weight) of cables when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of AT&T's poles, ducts, conduits, and rights-of-way for CLEC's intended uses.

AT&T shall provide CLEC the best information available from AT&T's current pole and conduit maps and records. AT&T represents that such records reflect approximate geographical locations of the facilities depicted and may not accurately reflect information such as:

- (1) the exact location of the facilities depicted;
- (2) the physical size, characteristics, or condition of the facilities depicted;
- (3) the ducts or inner ducts presently occupied, assigned, or available within any particular conduit segment or manhole;
- (4) the arrangement of facilities attached to a pole, the position of facilities suspended between poles or their relationship to each other and to the ground, or the positioning of cables and other facilities housed within ducts, conduits, manholes or other portions of AT&T's conduit system; and
- (5) other information which must be assessed before it can be determined that space is available on or in a pole, duct, or conduit for the attachment or occupancy of CLEC's facilities or that the pole, duct, or conduit depicted is suitable for CLEC's intended use.

7.04 Pre-Occupancy Inspection of Poles, Ducts, Conduits, and Rights-of-Way. CLEC shall be permitted to view and inspect specified poles, ducts, conduits, and rights-of-way on a pre-occupancy basis as provided in this section.

- (a) After the effective date of this Agreement, AT&T shall permit CLEC to view specified poles, ducts, conduits, and rights-of-way on a pre-occupancy basis. Nothing contained in this section shall preclude CLEC from visually inspecting AT&T's poles, ducts, conduits, or rights-of-way from any vantage point lawfully accessible to CLEC without AT&T's permission.
- (b) CLEC shall not enter any AT&T manhole for the purpose of performing a pre-occupancy inspection without complying with all applicable requirements set forth in Article 6 of this Appendix, including but not limited to the provisions of Section 6.11 relating to the opening of manholes.

ARTICLE 8: POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS

8.01 Selection of Space. AT&T will select or approve CLEC's selection of the space CLEC will occupy on poles or in conduit systems based upon the same criteria AT&T applies to itself as referenced in Article 6. In conduit systems owned or controlled by AT&T, maintenance ducts (as defined in Section 3.25) shall not be considered available for CLEC's use except as specifically provided elsewhere in this Appendix. All ducts associated with the conduit system which are not assigned or occupied shall be deemed available for use by AT&T, CLEC, and third parties entitled to access under the Pole Attachment Act.

8.02 Pole, Duct, and Conduit Space Assignments. Poles, duct and conduit system will be assigned to CLEC as provided in this section. Information received by AT&T in connection with this section shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information).

- (a) On receipt of CLEC's application for a pole attachment or conduit occupancy license the associated pole, duct, and conduit space shall be assigned to CLEC for a pre-occupancy period not to exceed 12 months, beginning with the date of such assignment. The assignment (and date and time) of assignment shall be logged and recorded in the appropriate AT&T records.
- (b) AT&T has adopted interim procedures which enable pole, duct, and conduit space to be provisionally assigned to CLEC and other applicants prior to the submission of formal applications

required pursuant to Section 9.02 of this Appendix. Where indicated below, the interim procedures shall apply, on a nondiscriminatory basis, to the assignment of space to AT&T as well as to CLEC and other applicants. The procedures enable CLEC and other applicants, by written notice, to advise AT&T of their intent to occupy unassigned space which appears, from AT&T's records, to be available for assignment. Upon receipt of such notice, AT&T shall date-and time-stamp the notice and provisionally assign the space selected by CLEC or such other applicant by logging and recording the assignment (and date and time of assignment) in the appropriate AT&T records, which records will be available for inspection as provided in Section 7.03 of this Appendix. Space provisionally assigned to CLEC or such other applicant shall not be available for assignment to any other person or entity, including AT&T. Notwithstanding such provisional assignment, CLEC shall not occupy such space without first obtaining a license. The following additional requirements shall apply.

- (1) Before giving AT&T a notice of its intent to occupy unassigned space, CLEC shall make a good faith determination that it actually plans to occupy such space. The assignment process shall not be used by either party for the purpose of holding or reserving space which such party does not plan to use or for the purpose of precluding AT&T or any other person or entity from utilizing or having access to AT&T's poles, ducts, conduits, or rights-of-way.
- (2) With respect to unassigned conduit occupancy space, the notice must include all information required to enable AT&T and joint users, including other persons or entities which may from time to time seek space in the same ducts and conduits, to determine the specific space which CLEC desires to occupy. The notice must, therefore, include, at a minimum, the following information:
 - (i) the specific conduit sections, and each manhole, to be occupied;
 - (ii) the number of ducts, and number of inner ducts, to be occupied by CLEC within each conduit section;
 - (iii) the physical size (diameter) of the cables to be placed in such duct, if known, or the maximum and minimum sizes of the cables which may be placed if more than one size cable is being considered for the space to be occupied;
 - (iv) the anticipated use by CLEC of any infrequent construction techniques and connectivity solutions authorized under Section 6.03 to avoid high or unusual expenditures;
 - (v) CLEC's best estimates of the dates when CLEC plans to begin and complete construction at the sites specified in the notice; and
 - (vi) if applicable, a conspicuous statement (e.g., the words "immediate occupancy" in capital letters) or indication that CLEC intends to occupy the space before the issuance of a license, as provided in Section 8.03 of this Appendix.
- (3) With respect to unassigned pole space, such notice must include all information required to enable AT&T and other joint users, including other persons or entities seeking space on the same poles, to determine the specific space which CLEC desires to occupy. The notice must, therefore, include, at a minimum, the following information:
 - (i) the specific poles to be occupied;
 - (ii) the specific space on each pole to be occupied, including the height (distance from the ground) of the attachment and the side (road or field) where the attachment is to be made;

- (iii) the anticipated number and types of cables to be attached, together with the anticipated physical size (diameter) and weight (weight per foot) of such cables, and the anticipated number and types of strands, if any, to be used to support the cables, such information to be sufficient to give notice to AT&T and other joint users of the remaining space on the pole available and what facilities modification, capacity expansion, or make-ready work may be required of subsequent applicants as a result of the provisional assignment of space to CLEC;
 - (iv) the anticipated use by CLEC of any infrequent construction techniques and connectivity solutions authorized under Section 6.03 to avoid high or unusual expenditures;
 - (v) CLEC's best estimates of the dates when CLEC plans to begin and complete construction at the sites specified in the notice;
 - (vi) if applicable, a conspicuous statement (e.g., the words "immediate occupancy" in capital letters) or indication that CLEC intends to occupy the space before the issuance of a license, as provided in Section 8.03 of this Appendix.
- (4) No later than 30 days after giving such notice, CLEC shall file an application under Section 9.02 or the provisional assignment shall lapse.
- (5) As stated in Section 7.03(b), AT&T does not represent that its records accurately reflect the information necessary to enable CLEC to rely upon a records-based assignment process. AT&T shall have no duty to verify that space provisionally assigned pursuant to this subsection is actually available until CLEC has formally applied for the space and AT&T has completed the pre-license survey.
- (c) Assignments made prior to the issuance of a license shall be provisional assignments and shall be subject to modification if it is subsequently determined that the space selected by CLEC is already occupied or that a different assignment is required to comply with AT&T's standards for assigning pole, duct, and conduit occupancy space.
- (d) CLEC's obligation to pay semi-annual pole attachment or conduit occupancy fees shall commence from the date the assignment or provisional assignment is logged and recorded in the appropriate AT&T records.
- (e) During the 12-month assignment period following the date space is assigned to CLEC and entered into the appropriate AT&T record, AT&T shall not occupy or use such space without CLEC's permission, shall not assign such space to any party other than CLEC, and shall not knowingly permit any party other than CLEC to occupy or use such space without CLEC's permission except as otherwise specifically provided in this Appendix. The assignment to CLEC shall automatically lapse 12 months after the date the assignment has been entered into the appropriate AT&T record if CLEC has not occupied such assigned space within such 12-month period; provided, however, that if CLEC's failure to occupy the space within such 12-month period results from AT&T's failure to perform make-ready work on schedule, the parties shall negotiate a single extension of the assignment period, which extension shall not extend the assignment period beyond three months from the date of completion of AT&T's make-ready work; and, provided further, that if CLEC can demonstrate that its failure to occupy the space within such 12-month period results from the actions of AT&T or third parties other than persons acting on CLEC's behalf, or from acts of God, the assignment may be extended for a period no longer than three months from the date CLEC is first able to commence construction activities at the site involved. Assignments to third parties shall be subject to the same rules applicable to CLEC under this subsection. Extensions permitted under this subsection must be requested in writing before expiration of the original 12-month

period and shall be recorded on the appropriate AT&T records available for inspection under Section 7.03.

- (f) AT&T may assign space to itself by making appropriate entries in the same records used to log assignments to CLEC and third parties. If AT&T assigns pole, duct, or conduit space to itself, such assignment shall automatically lapse 12 months after the date the assignment has been entered into the appropriate AT&T record if AT&T has not occupied such assigned space within such 12-month period; provided, however, that if AT&T's failure to occupy the space within such 12-month period results from the actions of CLEC or third parties other than persons acting on AT&T's behalf, or from acts of God, AT&T's assignment may be extended for a period no longer than three months from the date AT&T is able to commence construction at the site involved. Extensions permitted under this subsection must be recorded before expiration of the original 12-month period on the appropriate AT&T records available for inspection under Section 7.03.
- (f) If facilities modifications, capacity expansions, or other make-ready work are required due to the assignment of space to CLEC or AT&T under this section, the party to whom such space has been assigned shall reimburse the person or entity incurring the costs for such facilities modifications, capacity expansions, or make-ready work, if the party to whom such space has been assigned fails to occupy the assigned space within the 12-month assignment period or any extension thereof.
- (g) Intentionally omitted.
- (h) Except as provided in subsections (e)-(f) above, assignments shall not be extended, renewed, or sequentially repeated in any manner (other than by actual occupancy) that enables CLEC, AT&T, or any joint user to preclude access by others to unused pole attachment or conduit occupancy space for any period greater than 12 months after the date of initial assignment.
- (i) At CLEC's election, CLEC may file an application for access which specifically requests that the space sought by CLEC not be assigned to CLEC immediately and not be recorded immediately in the AT&T records available for inspection by other telecommunications carriers, cable television systems, or other providers of telecommunications services under Section 7.03 of this Appendix. In that event, the space sought by CLEC will not be assigned to CLEC and will remain available for assignment to others without restriction until such time as such space is formally assigned to CLEC in accordance with CLEC's written instructions and the assignment is recorded in the records available for inspection under Section 7.03. The assignment shall be made no later than the date of issuance to CLEC of a license confirming that CLEC has the right to occupy the space described in the license. In the event that CLEC elects to proceed under this subsection, CLEC's obligation to pay pole attachment and conduit occupancy fees shall not commence until the date the assignment is recorded in the appropriate AT&T records and CLEC shall bear the risks that (1) the space sought by CLEC will be assigned to and occupied by another person or entity or (2) circumstances will occur which may require that AT&T reevaluate CLEC's application and repeat the field inspection portion of the pre-license survey at CLEC's expense.

ARTICLE 9: APPLICATIONS AND PRE-LICENSE SURVEYS

- 9.01 Licenses Required. Except as otherwise specifically permitted in this Appendix, CLEC shall apply in writing for and receive a license before attaching facilities to specified AT&T poles or placing facilities within specified AT&T ducts or conduits manholes, or handholes. License applications and information received by AT&T in connection with such applications shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information).
- 9.02 Application Form. To apply for a pole attachment or conduit occupancy license under this Appendix, CLEC shall submit to AT&T two signed copies of the appropriate application forms. AT&T represents that the forms specified in subsections (a) and (b) are forms in use prior to the effective date of this Appendix and

that AT&T plans to revise such forms to conform to the provisions of this Appendix and to streamline the application process. The parties therefore agree that the forms specified in subsections (a) and (b) shall be interim forms only. AT&T reserves the right to change the format and content of these forms upon 60 days written notice to CLEC.

- (a) To apply for a pole attachment license, CLEC shall submit to AT&T two signed copies of AT&T's Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9433. An application for a pole attachment license shall not be complete or subject to processing by AT&T until these forms have been submitted to AT&T; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c)-(g) below, as applicable. Copies of Forms SW-9433 and SW-9434, are attached to this Appendix as parts of Exhibit III.
- (b) To apply for a conduit occupancy license, CLEC shall submit to AT&T two signed copies of AT&T Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9435 ("Conduit Occupancy"). An application for a conduit occupancy license shall not be complete or subject to processing by AT&T until these forms have been submitted to AT&T; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c)-(g) below, as applicable. Copies of Forms SW-9434 and SW-9435, are attached to this Appendix as parts of Exhibit III.
- (c) Each application for a license under this Appendix shall include the following information, at a minimum:
 - (1) the poles, ducts, and conduits (including all manholes) along CLEC's proposed route to or within which CLEC desires to attach or place its facilities, as well as associated maps and manhole detailed butterfly drawings;
 - (2) a description of the facilities to be attached to AT&T's poles and a description of the facilities to be placed within each component of AT&T's conduit system (including but not limited to ducts, conduits, manholes, and handholes) along the proposed route; and
 - (3) for poles, the proposed points of attachment.
- (d) Facilities descriptions which apply to multiple pole attachments or conduit occupancies need only be described once on any form. Facilities descriptions shall include, at a minimum, the following information:
 - (1) the number and types of cables, including the physical size (diameter) and weight (weight per foot);
 - (2) the number and types of strands, if any, which will be used to support the cables, including the rated holding capacity expressed in thousand pound increments (e.g., 2.2M) of such strands; and,
 - (3) sufficient information to identify and describe the physical characteristics (size, dimensions, and weight) of *permitted* apparatus enclosures and other facilities to be attached to AT&T's poles or placed in AT&T's conduit system.
- (e) When it appears to CLEC that facilities modification, capacity expansion, or make-ready work, may be required to accommodate CLEC's access requests, CLEC shall describe the facilities modification, capacity expansion or make-ready work which CLEC proposes. CLEC shall also describe its intent to use any infrequent construction techniques or connectivity solutions under Section 6.03 to avoid high or unusual expenditures and its reasons for the utilization of such techniques or solutions.

- (f) CLEC acknowledges that the poles along a particular pole line or route may include poles owned by firms (such as electric utilities) other than AT&T, that it may be necessary for AT&T to rearrange its facilities or perform other make-ready work on poles other than poles it owns or controls in order to accommodate CLEC's request for access to AT&T's poles and that, at the time an application is submitted, CLEC shall identify all poles utilized by AT&T (without regard to ownership) along the proposed route. If CLEC does not identify all poles, CLEC may contract with AT&T to do so, at CLEC's expense.
- (g) Each application for a license under this Appendix shall be accompanied by a construction schedule showing CLEC's projected dates for beginning and completing construction at the sites specified in the application. Information on this schedule may be used by AT&T's engineering and outside plant construction personnel in scheduling work required to process CLEC's applications and scheduling such capacity expansions, make-ready work, and facilities modifications, if any, as may be necessary to accommodate CLEC's facilities.

9.03 Cooperation in the Application Process. The orderly processing of applications submitted by CLEC and other parties seeking access to AT&T's poles, ducts, conduits, and rights-of-way requires good faith cooperation and coordination between AT&T's personnel and personnel acting on behalf of CLEC and other firms seeking access. The parties therefore agree to the following transitional procedures which shall remain in effect during the term of this Appendix unless earlier modified by mutual agreement of the parties.

- (a) Before submitting a formal written application for access to AT&T's poles, ducts, conduits, and rights-of-way, CLEC shall make a good faith determination that it actually plans to attach facilities to or place facilities within the poles, ducts, conduits, or rights-of-way specified in the application. Applications shall not be submitted for the purpose of holding or reserving space which CLEC does not plan to use or for the purpose of precluding AT&T or any other provider of telecommunications services from using such poles, ducts, conduits, or rights-of-way.
- (b) CLEC shall only submit applications for access to poles, ducts, conduits, and rights-of-way which it plans to use within one year following the date access is granted and will use its best efforts to submit applications in an orderly manner in accordance with CLEC's needs. If CLEC contemplates the need to submit more than 10 applications within any 45-day period with respect to poles, ducts, conduits, and rights-of-way within the territory of any single AT&T construction district, CLEC shall give AT&T 30 days notice with a priority list as noted in 9.04.
- (c) No more than 300 poles (and their associated anchors and anchor/guy strands) shall be the subject of any single pole attachment license application.
- (d) No more than 20 manholes shall be the subject of any single conduit occupancy license application.

9.04 CLEC's Priorities. When CLEC has multiple applications on file within a single AT&T construction district, CLEC shall, at AT&T's request, designate its desired priority of completion of pre-license surveys, capacity expansions, make-ready work, and facilities modifications with respect to all such applications.

9.05 Pre-license Survey. A pre-license survey (including a review of records and field inspection, if necessary) will be completed by AT&T after CLEC has submitted its written license application as specified in Section 9.02 of this Appendix. AT&T will not, without due cause and justification, repeat pre-occupancy survey work performed by CLEC.

- (a) The field inspection portion of the pre-license survey, which includes the visual inspection of existing pole and conduit facilities, shall be performed by AT&T or its authorized representative. Primary purposes of the field inspection will be to enable AT&T to (1) confirm or determine the facilities modification, capacity expansion, and make-ready work, if any, necessary to accommodate CLEC's facilities; (2) plan and engineer the facilities modification, capacity expansion, and make-ready work, if any, required to prepare AT&T's poles, ducts, conduits, rights-

of-way, and associated facilities for CLEC's proposed attachments or occupancy; and (3) estimate the costs associated with such facilities modification, capacity expansion, or make-ready work. AT&T may dispense with the field inspection if it appears that the information necessary to process CLEC's license application is already available from existing sources, including the application forms and such other information as may be available to AT&T. If CLEC has occupied the space requested before the issuance of a license, a post-installation inspection of CLEC's facilities may be performed, in place of the field inspection portion of the pre-license survey, to determine whether such facilities are in compliance with the specifications of Article 6 and other provisions of this Appendix. In performing such inspection, AT&T will not, without due cause and justification, repeat pre-occupancy survey work performed by CLEC.

- (b) The administrative processing portion of the pre-license survey (which includes processing the application and reviewing records) will be performed by AT&T.
- (c) Before performing any portion of the pre-license survey, AT&T shall obtain CLEC's written authorization to perform such work. Authorization may be given, when possible, when the application is submitted.

ARTICLE 10: ISSUANCE AND DENIAL OF LICENSES (INCLUDING FACILITIES MODIFICATIONS, CAPACITY EXPANSIONS, AND MAKE-READY WORK)

10.01 Response Within 45 Days. Within 45 days of CLEC's submission of a license application pursuant to Section 9.02 of this Appendix, or within such other period of time as may be mutually agreed upon in writing by the parties, AT&T shall respond to the application. The response shall state whether the application is being granted or denied. If denial is anticipated, or if AT&T personnel involved in the processing of CLEC's request for access become aware of hazardous substances at the site requested by CLEC, AT&T shall promptly advise CLEC and shall, at CLEC's request, discuss alternatives to denial and issues associated with the presence of such hazardous substances.

- (a) If access is granted, AT&T shall, no later than 45 days after CLEC's submission of the license application, further advise CLEC in writing (1) what facilities modifications, capacity expansions, or make-ready work, if any, will be required to prepare AT&T's pole or conduit facilities (2) provide CLEC an estimate of charges for such facilities modifications, capacity expansions, or make-ready work, (3) disclose to CLEC any hazardous substances known by AT&T to be present at the site.
- (b) If access is denied, AT&T will confirm the denial in writing by the 45th day after the receipt by AT&T of CLEC's completed application. The denial of access shall be specific, shall include all relevant evidence and information supporting the denial, and shall explain how such evidence and information relates to a denial of access for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. If CLEC in its completed application sets forth in writing specific proposals for expanding capacity, the denial statement shall specifically address such proposals.
- (c) CLEC agrees that if, at any time prior to the 45th day, it has determined that it no longer seeks access to specific poles, ducts, or conduit facilities, CLEC shall promptly withdraw or amend its application, thereby minimizing the administrative burdens on AT&T of processing and responding to the application.

10.02 Obligation to Construct or Modify Facilities: Capacity Expansions. The parties agree that AT&T may grant access subject to CLEC's approval of such make-ready work or facilities modifications as may be required to expand capacity to accommodate CLEC's request, in which event CLEC shall either accept such conditions, initiate good faith negotiations to explore other potential accommodations, or withdraw its request for access. If AT&T does not offer to expand capacity and denies CLEC's request for access, AT&T shall promptly notify CLEC of such determination. AT&T shall not deny CLEC's request for access

on lack of capacity grounds when capacity can be expanded as provided in this section and in Section 6.03 of this Appendix dealing with infrequent construction techniques and connectivity solutions:

- (a) AT&T agrees to modify its outside plant facilities to the extent that CLEC agrees to pay for the modification at cost, such as but not limited to cable consolidations, as long as such modifications are consistent with capacity, safety, reliability, and engineering considerations which AT&T would apply to AT&T if the work were performed for its own benefit. AT&T may recover from CLEC the costs of modifying its outside plant facilities for CLEC's space. AT&T will require payment of the full amount in advance subject to the true-up of the estimated costs with the actual costs.
- (b) AT&T agrees to install inner duct in a timely manner to accommodate CLEC's space needs in accordance with the same time interval AT&T provides to itself. If AT&T's interval for beginning or completing make-ready work does not meet CLEC's needs, CLEC, as a qualified contractor, may perform the inner-duct installation itself or utilize authorized subcontractor(s) selected by CLEC from a list of mutually agreeable qualified "bidders" developed by AT&T and CLEC. When inner duct is installed by CLEC or an authorized contractor in AT&T's conduit system, CLEC shall bear all installation expenses. Inner duct installed by CLEC or an authorized contractor shall be installed in accordance with the same standards and practices which would be followed if the inner duct were being installed by AT&T or AT&T's contractors. CLEC will indemnify AT&T for damages, resulting from CLEC's self-provisioning of the inner-duct.
- (c) AT&T agrees to remove cables at CLEC's expense that are retired or inactive (dead) to free-up requested duct and pole space, provided that such removal is reasonably feasible (i.e. cable pulls easily without incident). If a section of cable is "frozen" in a duct and would require excavation to remove, CLEC, at its option, may excavate the obstruction or request that AT&T excavate the obstruction. The excavation would be at CLEC's expense.

10.03 Issuance of Licenses and Immediate Access When No Make-ready Work is Required. If, on the basis of CLEC's representations or AT&T's field inspection, if any, AT&T determines that no make-ready work is necessary to accommodate CLEC's facilities, AT&T will issue a license without performing make-ready work and pole attachment or conduit occupancy space will be made available to CLEC for immediate occupancy. Immediate occupancy prior to the issuance of a license shall be governed by Section 8.02.

10.04 Performance of Make-ready Work. Except as otherwise specifically provided in Section 10.02 and in this section, make-ready work shall be performed by AT&T or by authorized contractors or other persons acting on AT&T's behalf and shall be performed by AT&T in accordance with the same time intervals which would be applicable if AT&T were performing the work for itself.

- (a) CLEC and AT&T will mutually establish and maintain a list of authorized contractors who may be selected by CLEC to perform make-ready work when AT&T's interval for beginning or completing such make ready work does not meet CLEC's needs.
- (b) If AT&T's interval for beginning or completing make-ready work does not meet CLEC's needs, CLEC may, as an authorized contractor, perform the make-ready work itself or arrange for the work to be performed by an authorized contractor selected by CLEC from the applicable list of authorized contractors. Subject to the availability of personnel, CLEC may also request that AT&T perform the work on an expedited basis; provided, however, that make-ready work will not be performed on an expedited basis unless CLEC first approves any overtime or premium rates or charges associated with performance of the work on an expedited basis.
- (c) From time to time, additional contractors or other vendors may be approved by CLEC and AT&T to perform make-ready work in the event that the workload exceeds the capacity of the authorized contractors on the approved list to perform the make-ready work in a timely manner.

- (d) Nothing contained in this section authorizes CLEC, any authorized contractor selected by CLEC, or any other person acting on CLEC's behalf to consolidate AT&T's cables, remove slack, or perform any splicing (wire work) on AT&T's cables.

10.05 Make-ready Work. If AT&T determines that make-ready work will be necessary to accommodate CLEC's facilities, AT&T shall promptly notify CLEC of the make-ready work proposed to enable the accommodation of CLEC's facilities.

- (a) The notice shall be given in writing no later than 45 days after the receipt by AT&T of CLEC's completed application pursuant to Section 9.02 of this Appendix or within such other period of time as may be mutually agreed upon in writing by the parties.
- (b) The notice will include AT&T's estimate of make-ready charges, which estimate shall be stated on AT&T Form SW-9434 ("Access Application and Make-Ready Authorization"), a copy of which is attached hereto as part of EXHIBIT III.
- (c) CLEC shall have 20 days (the "acceptance period") after receiving AT&T's estimate of make-ready charges to authorize completion of the make-ready work proposed by AT&T or to advise AT&T of its willingness to perform the proposed make-ready work itself. If CLEC advises AT&T that it is willing to perform the make-ready work proposed by AT&T in accordance with a design approved by AT&T, and AT&T's specifications, AT&T will not, without due cause and justification, refuse to accept CLEC's offer to perform the work. Authorization shall be accomplished by CLEC's signing the estimate and returning it to AT&T within the 20-day acceptance period.
- (d) Within the 20-day acceptance period, the parties may negotiate modifications of the make-ready work to be performed. If the parties reach agreement through negotiation, a new estimate shall be prepared and authorization shall be accomplished by CLEC's signing the revised estimate and returning it to AT&T within the original 20-day acceptance period, or within such period of time as may be mutually agreed upon by the parties.
- (e) If CLEC does not sign and return the estimate within the 20-day acceptance period, or within such other period of time as may be mutually agreed upon in writing by the parties, CLEC shall notify AT&T in writing by the 20th day whether CLEC is withdrawing its application, electing to perform the make-ready work itself as provided in subsection (c) or electing to treat AT&T's make-ready requirements as a denial of access.
 - (1) If no such notice is given by the 20th day, or such later date as may be mutually agreed upon by the parties, AT&T shall contact CLEC to determine whether CLEC intends to withdraw its application. CLEC shall be deemed to have withdrawn its application if, in response to AT&T's inquiry, CLEC does not immediately sign and return the estimate to AT&T.
 - (2) If CLEC timely notifies AT&T that it is electing to treat AT&T's make-ready requirements as a denial of access, AT&T shall, within 20 days after receiving the notice, provide CLEC with a written statement explaining its decision to grant access only if the specified make-ready work is performed. The statement shall be specific, shall include all relevant evidence and information supporting AT&T's decision to grant access only if the specified make-ready work is performed, and shall explain how such evidence and information relates to AT&T's decision for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. The statement shall also set forth the basis for AT&T's make-ready proposals and specifically address AT&T's rationale for rejecting CLEC's alternative written proposals, if any.

10.06 Multiple Applications. Applications shall be processed on a first-come, first-served basis. Applications filed on the same date shall be treated as having been filed simultaneously and shall be processed accordingly.

- 10.07 Payments to Others for Expenses Incurred in Transferring or Arranging Their Facilities. CLEC shall make arrangements with the owners of other facilities attached to AT&T's poles or occupying space in AT&T's conduit system regarding reimbursement for any expenses incurred by them in transferring or rearranging their facilities to accommodate the attachment or placement of CLEC's facilities to or in AT&T's poles, ducts, and conduits.
- 10.08 Reimbursement for the Creation or Use of Additional Capacity. CLEC acknowledges that if any additional capacity is created as a result of make-ready work performed to accommodate CLEC's facilities, CLEC shall not have any preferential right to utilize such additional capacity in the future and shall not be entitled to any fees subsequently paid to AT&T for the use of such additional capacity. If AT&T utilizes additional space or capacity created at CLEC's expense, AT&T will reimburse CLEC on a pro-rata basis for AT&T's share, if any, of CLEC's capacity expansion costs, to the extent reimbursement is required by applicable rules, regulations, and commission orders. AT&T will notify the CLEC if any entity, including AT&T, attaches facilities to additional capacity on AT&T's structure created at CLEC's expense. AT&T shall not be required to collect or remit any such amounts to CLEC, to resolve or adjudicate disputes over reimbursement between CLEC and Other Users.
- 10.09 License and Attachment. After all required make-ready work is completed, AT&T will issue a license confirming that CLEC may attach specified facilities to AT&T's poles or place specified facilities in AT&T's conduit system. CLEC shall have access to attach or place only those facilities specifically described in licenses subject to this Appendix, and no others, except as otherwise specifically provided in (a) Sections 8.03 and 12.03 or other provisions of this Appendix, (b) any other written agreement between the parties providing for such access, or (c) the provisions of any applicable tariffs or commission orders.

ARTICLE 11: CONSTRUCTION OF CLEC'S FACILITIES

- 11.01 Responsibility for Attaching and Placing—Facilities. Each party shall be responsible for the actual attachment of its facilities to AT&T's poles and the actual placement of its facilities in AT&T's ducts, conduits, and rights-of-way and shall be solely responsible for all costs and expenses incurred by it or on its behalf in connection with such activities. In this regard, each party shall be solely responsible for (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the construction and attachment of its facilities and (b) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way.
- 11.02 Construction Schedule. After the issuance of a license, CLEC shall provide AT&T with an updated construction schedule and shall thereafter keep AT&T informed of anticipated changes in the construction schedule. Construction schedules received by AT&T shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information). Construction schedules required by this section shall include, at a minimum, the following information:
- (a) the name, title, business address, and business telephone number of the manager responsible for construction of the facilities;
 - (b) the names of each contractor and subcontractor that will be involved in the construction activities;
 - (c) the estimated dates when construction will begin and end; and
 - (d) the approximate dates when CLEC or personnel working on CLEC's behalf will be performing construction work in connection with the attachment of CLEC's facilities to AT&T's poles or the placement of CLEC's facilities in any part of AT&T's conduit system.

ARTICLE 12: USE AND ROUTINE MAINTENANCE OF CLEC'S FACILITIES

- 12.01 Use of CLEC's Facilities. Each license granted under this Appendix authorizes CLEC to have access to CLEC's facilities on or within AT&T's poles, ducts, and conduits as needed for the purpose of serving CLEC's customers.
- 12.02 Routine Maintenance of CLEC's Facilities. Each license granted under this Appendix authorizes CLEC to engage in routine maintenance of facilities located on or within AT&T's poles, ducts, and conduits pursuant to such license. Routine maintenance does not include the replacement or modification of CLEC's facilities in any manner which results in CLEC's attachments differing substantially in size, weight, or physical characteristics from the attachments described in CLEC's license.
- 12.03 Installation of Drive Rings and J-Hooks. CLEC may install drive rings and J-hooks on AT&T's poles for the attachment of drop wires as specified in this section.
- (a) Drive rings and J-hooks may be installed as specified in pole attachment licenses issued to CLEC.
 - (b) If attachment space has already been licensed to CLEC on a given AT&T pole, CLEC may install drive rings and J-hooks within the space assigned to CLEC (e.g., typically six inches above and six inches below CLEC's point of attachment on the pole if the point of attachment is in the center of the space assigned to CLEC) without applying for or obtaining a new or amended license. No additional attachment charges shall apply with respect to drive rings and J-hooks installed in CLEC's licensed attachment space.
 - (c) CLEC's first choice for placement of drive rings and J-hooks shall be the licensed attachment space assigned to CLEC as provided in subsections (a) and (b) above; provided, however, that if attachment space already licensed to CLEC on a given AT&T pole is not adequate for CLEC's drive rings or J-hooks, CLEC may, when necessary, and without applying for or obtaining a new or amended license, install such drive rings and J-hooks above or below CLEC's licensed attachment space as described in subsection (b) above. No additional attachment charges shall apply with respect to drive rings and J-hooks installed outside CLEC's licensed attachment space as provided in this subsection.
 - (d) If CLEC has not already been licensed attachment space on a given pole, CLEC may, when necessary, install drive rings and J-hooks on unassigned space on such pole without first obtaining a license for such attachment and shall, promptly following such installation, notify AT&T of the attachment. Such notification shall be made on a form to be developed by AT&T for this purpose and shall constitute an application for a license. Such application may be conditionally granted without a precense survey or other inquiry by AT&T, and AT&T shall not be required to process the application, log the attachment as an assignment in its outside plant records, or issue a permanent license unless its specifically requested by CLEC to do so; provided, however, that a conditionally granted application under this subsection shall be subject to revocation if it is subsequently determined that such attachment has been made in violation of subsection (e) of this section or other provisions of this Appendix. Drive-rings and J-hooks installed pursuant to this subsection are pole attachments and charges for such attachments shall be determined in accordance with the Pole Attachment Act and applicable rules, regulations, and commission orders.
 - (e) Notwithstanding the provisions of subsections (c)-(d) above, CLEC may not install drive rings and J-hooks in space assigned to AT&T or another joint user without the approval of AT&T or such other joint user and may not install drive rings and J-hooks in unassigned space in any manner which will block or preclude the subsequent occupancy or use of such space by AT&T or other joint users. If the presence of such CLEC facilities in space not assigned to CLEC will block or preclude the use of assigned or otherwise assignable space by AT&T or other joint users, CLEC

shall, on AT&T's request, promptly relocate the facilities in order to accommodate the facilities of other users and shall bear all expenses associated with such relocation.

- (f) AT&T may not install drive rings and J-hooks in space assigned to CLEC without CLEC's approval and shall, at CLEC's request, promptly relocate the facilities in order to accommodate CLEC's facilities and bear all expenses associated with such relocation. If AT&T drive rings or J-hooks have been installed in space subsequently assigned to CLEC, or if the presence of AT&T drive rings or J-hooks blocks or precludes the use of otherwise assignable space on AT&T's poles, AT&T shall, at CLEC's request, relocate such facilities, if it is feasible to do so, as make-ready work.
- (g) CLEC shall, at the request of AT&T or another joint user, at CLEC's expense, promptly relocate or, if necessary, remove any drive rings and J-hooks placed on AT&T's poles other than as permitted in this section.

12.04 Short-term Use of Maintenance Ducts for Repair and Maintenance Activities. Maintenance ducts shall be available, on a nondiscriminatory basis, for short-term (not to exceed 30 days) non-emergency maintenance or repair activities by any person or entity (including but not limited to AT&T, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that use of the maintenance duct for non-emergency maintenance and repair activities must be scheduled by AT&T. A person or entity using the maintenance duct for non-emergency maintenance or repair activities shall immediately notify AT&T of such use and must either vacate the maintenance duct within 30 days or, with AT&T's consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if a designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such party occupies the maintenance duct. Cables temporarily placed in the maintenance duct on a non-emergency basis shall be subject to such accommodations as may be necessary to rectify emergencies which may occur while the maintenance duct is occupied.

12.05 Responsibility for Maintenance of Facilities. Each party shall be solely responsible for maintaining its own facilities and (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the maintenance of such party's facilities and (b) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way.

12.06 Information Concerning the Maintenance of CLEC's Facilities. Promptly after the issuance of a license, CLEC shall provide AT&T with the name, title, business address, and business telephone number of the manager responsible for routine maintenance of CLEC's facilities and shall thereafter notify AT&T of changes to such information. The manager responsible for routine maintenance of CLEC's facilities shall, on AT&T's request, identify any authorized contractor or other person performing maintenance activities on CLEC's behalf at a specified site.

ARTICLE 13: MODIFICATION OF CLEC'S FACILITIES

13.01 Notification of Planned Modifications. CLEC shall notify AT&T in writing at least 30 days before adding to, relocating, replacing or otherwise modifying its facilities attached to a pole, or located in any AT&T duct or conduit. The notice shall contain sufficient information to enable AT&T to determine whether the proposed addition, relocation, replacement, or modification is permitted under CLEC's present license or requires a new or amended license. No notice shall be required for such routine modifications as the installation or placement of drive rings or J-hooks, terminals, and other ancillary apparatus routinely used in providing service to customers, having no effect on the structural integrity of AT&T's poles, ducts, or conduits, and having no effect on the ability of AT&T or joint users to use or have access to AT&T's poles, ducts, conduits, or rights-of-way.

- 13.02 New or Amended License Required. A new or amended license will be required if the proposed addition, relocation, replacement, or modification:
- (a) requires that CLEC occupy additional space on AT&T's poles (except on a temporary basis in the event of an emergency);
 - (b) requires that CLEC occupy additional space (other than space in the maintenance duct in accordance with Sections 12.04, 13.03, and 15.02 of this Appendix) in any AT&T duct or conduit except on a temporary basis in the event of an emergency;
 - (c) results in the facilities attached being different from those described as authorized attachments in CLEC's present application, current license, notice of intent to occupy, or license application and supplemental documentation (e.g., different duct or size increase causing a need to re-calculate storm loadings, guying, or pole class);
 - (d) requires additional holding or loading capacity on a permanent basis.
- 13.03 Use of Maintenance Duct in Connection with Facility Modifications and Replacements. Non-emergency access to the maintenance duct in connection with facilities modifications and replacements shall be subject to the provisions of Section 12.04 of this Appendix.
- 13.04 Replacement of Facilities and Spinning/Overlashing Additional Cables. CLEC may replace existing facilities with new facilities occupying the same pole, duct, or conduit space, and may spin or overlash additional cables to its own existing facilities; provided, however, that such activities shall not be considered to be routine maintenance and shall be subject to the requirements of this article. CLEC will be required to ensure pole loadings are not exceeded.
- 13.05 Streamlined Procedures for the Issuance of Amended Licenses. AT&T may streamline procedures for the issuance of amended licenses with respect to proposed additions, relocations, replacements, or modifications of CLEC's facilities when it appears to AT&T that the proposed additions, relocations, replacements, or modifications will not require make-ready work by AT&T, will not interfere with AT&T's use of its poles, conduit systems, or facilities attached or connected thereto or contained therein, and will not interfere with the use of existing facilities attached or connected thereto or contained therein by joint users.

ARTICLE 14: REARRANGEMENT OF CLEC'S FACILITIES

- 14.01 Notice of Planned Modifications. The parties acknowledge that the Pole Attachment Act recites in part that "Whenever the owner of a pole, duct, conduit, or right-of-way intends to modify or alter such pole, duct, conduit, or right-of-way, the owner shall provide written notification of such action to any entity that has obtained an attachment to such conduit or right-of-way so that such entity may have a reasonable opportunity to add to or modify its existing attachment." The parties further acknowledge that the FCC, in its First Report and Order in CC Docket No. 96-98, recites that "... absent a private agreement establishing notification procedures, written notification of a modification must be provided to parties holding attachments on the facility to be modified at least 60 days prior to the commencement of the physical modification itself." This article is intended by the parties to alter the above-described notification requirements only as provided in Section 14.02(b) below.
- 14.02 Rearrangement of CLEC's Facilities at AT&T's Request. CLEC acknowledges that, from time to time, it may be necessary or desirable for AT&T to rearrange facilities on or within its poles or conduit systems, change out poles, add poles to a pole line, relocate or reconstruct poles, pole lines, conduit segments, or conduit runs, enlarge manholes, reinforce conduit, or otherwise modify poles, pole lines, or portions of its conduit system and that such changes may be necessitated by AT&T's own business needs or by factors outside of AT&T's control, such as the decision by a municipality to widen streets or the decision by another person or entity to seek access to AT&T's poles, ducts, conduits, or rights-of-way.

- (a) CLEC agrees that CLEC will cooperate with AT&T and joint users in making such rearrangements as may be necessary to enable such changes to be made and that costs incurred by CLEC in making such rearrangements shall, in the absence of a specific agreement to the contrary, be borne by the parties in accordance with then-applicable statutes, rules, regulations, and commission orders, including the Pole Attachment Act and rules, regulations and commission orders thereunder.
- (b) CLEC shall make all rearrangements of its facilities within 60 days after receiving written notification by AT&T of the required rearrangements. AT&T may request that such modification be made within a shorter period of time, in which event CLEC shall not refuse to comply such request without due cause and justification. In determining due cause and justification, the following factors, among others, may be considered:
 - (1) the circumstances under which the rearrangements are sought (e.g., street-widening project, request by a competing provider for access);
 - (2) the timeliness of AT&T's request to CLEC;
 - (3) the nature and number of rearrangements sought;
 - (4) the impact on the ability of the parties and joint users to meet customer service needs; and
 - (5) risks of service interruption to customers of the parties and joint users.
- (c) Nothing contained in this article shall preclude CLEC from advising AT&T, within 60 days from the date of the notice, of its desire to add to or modify its existing attachments.

ARTICLE 15: EMERGENCY REPAIRS AND POLE REPLACEMENTS

- 15.01 Applicability. The parties acknowledge that in the event of an emergency, services provided by the parties and joint users to their respective customers may be interrupted, that it may not be possible for all service providers with facilities attached to AT&T's poles to restore service to all customers at the same time, that disputes may arise between the parties concerning the manner in which emergency repairs shall be made, that it is essential that decisions be made quickly and that it is highly desirable that all service providers utilizing AT&T's poles, ducts, and conduits enter into appropriate arrangements relating to emergency repairs and service restoration. In the absence of prearranged agreements it is expected that disputes will be immediately resolved at the site among the affected parties based upon the criteria set forth in Section 15.05 of this Appendix. The parties further agree that the provisions of this article shall apply in the absence of more comprehensive agreements relating to emergency repairs.
- 15.02 Responsibility for Emergency Repairs; Access to Maintenance Duct. In general, each party plans and practices which will enable it to make such emergency repairs.
- (a) Nothing contained in this Appendix shall be construed as requiring either party to perform any repair or service restoration work of any kind with respect to the other party's facilities or the facilities of joint users.
 - (b) Maintenance ducts shall be available, on a nondiscriminatory basis, for emergency repair activities by any person or entity (including but not limited to AT&T, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that a party using the maintenance duct for emergency repair activities shall immediately notify AT&T of such use and must either vacate the maintenance duct within 30 days or, with AT&T's consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if a designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such party occupies the maintenance duct.

The parties agree not to exceed 30 days' use except in unusual emergencies that may require longer than 30 days to rectify.

- (c) If necessary, other unoccupied ducts may be used on a short-term basis when the maintenance duct is unavailable. Any such use shall be subject to the same rules applicable to the maintenance duct and shall be subject to the rights of any party or joint user to whom such duct has been assigned.
- 15.03 Designation of Emergency Repair Coordinators and Other Information. For each AT&T construction district, CLEC shall provide AT&T with the emergency contact number of CLEC's designated point of contact for coordinating the handling of emergency repairs of CLEC's facilities and shall thereafter notify AT&T of changes to such information.
- 15.04 Reporting of Conditions Requiring Emergency Repairs. CLEC shall notify AT&T at the earliest practicable opportunity after discovering any condition on or in any of AT&T's poles, ducts, conduits, or rights-of-way requiring emergency repairs to AT&T's facilities and AT&T shall notify CLEC at the earliest practicable opportunity after discovering any condition on or in any of AT&T's poles, ducts, conduits, or rights-of-way requiring emergency repairs to CLEC's facilities.
- 15.05 Order of Precedence of Work Operations; Access to Maintenance Duct and Other Unoccupied Ducts in Emergency Situations. When notice and coordination are practicable, AT&T, CLEC, and other affected parties shall coordinate repair and other work operations in emergency situations involving service disruptions. Disputes will be immediately resolved at the site by the affected parties in accordance with the following principles:
- (a) Emergency service restoration work requirements shall take precedence over other work operations.
 - (b) Except as otherwise agreed upon by the parties, restoration of lines for emergency services providers (e.g., 911, fire, police, and hospital lines) shall be given the highest priority and temporary occupancy of the maintenance duct (and, if necessary, other unoccupied ducts) shall be assigned in a manner consistent with this priority. Secondary priority shall be given to restoring services to the local service providers with the greatest numbers of local lines out of service due to the emergency being rectified. The parties shall exercise good faith in assigning priorities and shall base their decisions on the best information then available to them at the site in question, and may, by mutual agreement at the site, take other factors into consideration in assigning priorities and sequencing service restoration activities.
 - (c) AT&T shall determine the order of precedence of work operations and assignment of duct space in the maintenance duct (and other unoccupied ducts) only if the affected parties are unable to reach prompt agreement; provided, however, that these decisions shall be made by AT&T on a nondiscriminatory basis in accordance with the principles set forth in this section.
- 15.06 Unilateral Corrective Action. When AT&T or CLEC reasonably believes that, due to the condition of either party's facilities placed on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way, there is an immediate or imminent threat to the safety or health of employees or any other person, to the physical integrity or functioning of AT&T's or CLEC's facilities, or AT&T's or CLEC's ability to meet its service obligations, AT&T or CLEC may unilaterally perform such limited corrective work as may be necessary to prevent or mitigate against the injury threatened. For example, if facilities have become detached or partially detached from a pole, or detached or partially detached from supporting racks or wall supports within a manhole, AT&T or CLEC may reattach them as provided in this section but shall not be obligated to do so.
- (a) Before performing any corrective work involving facilities, AT&T or CLEC shall attempt to notify the other party. After such notice has been given, the parties shall coordinate corrective work.

- (b) When an emergency situation exists such that advance notice and coordination are not practicable, AT&T or CLEC may perform corrective work without first giving notice to the other, and shall promptly notify the other of the corrective work performed and the reason why notice was not given.
- 15.07 Emergency Pole Replacements. CLEC agrees to cooperate fully with AT&T when emergency pole replacements are required.
- (a) When emergency pole replacements are required, AT&T shall promptly make a good faith effort to contact CLEC to notify CLEC of the emergency and to determine whether CLEC will respond to the emergency in a timely manner.
- (b) If notified by AT&T that an emergency exists which will require the replacement of a pole, CLEC shall transfer its facilities immediately, provided such transfer is necessary to rectify the emergency. If the transfer is to a AT&T replacement pole, the transfer shall be in accordance with AT&T's placement instructions.
- (c) If CLEC is unable to respond to the emergency situation immediately, CLEC shall so advise AT&T and thereby authorize AT&T (or any joint user sharing the pole with AT&T) to perform such emergency-necessitated transfers (and associated facilities rearrangements) on CLEC's behalf.
- 15.08 Expenses Associated with Emergency Repairs. Each party shall bear all reasonable expenses arising out of or in connection with any emergency repairs of its facilities and transfers or rearrangements of its facilities associated with emergency pole replacements made in accordance with the provisions of this article.
- (a) Each party shall be solely responsible for paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with any such repair, transfer, or rearrangement of such party's facilities.
- (b) CLEC agrees to reimburse AT&T for the costs incurred by AT&T for work performed by AT&T on CLEC's behalf in accordance with the provisions of this article; provided, however, that when the costs incurred by AT&T are for work performed in part for CLEC and in part for AT&T and third parties, CLEC shall only reimburse AT&T for CLEC's share of the costs.

ARTICLE 16: INSPECTION BY AT&T OF CLEC'S FACILITIES

- 16.01 AT&T's Right to Make Periodic or Spot Inspections. AT&T shall have the right, but not the duty, to make periodic or spot inspections at any time of CLEC's facilities attached to AT&T's poles or placed within AT&T's ducts, conduits, or rights-of-way. Such inspection may be conducted for the purpose of determining whether facilities attached to AT&T's poles or placed in AT&T's conduit system are in compliance with the terms of this Appendix and licenses hereunder, AT&T may charge CLEC for inspection expenses only if the inspection reflects that CLEC is in substantial noncompliance with the terms of this Appendix. If the inspection reflects that CLEC's facilities are not in compliance with the terms of this Appendix, CLEC shall bring its facilities into compliance promptly after being notified of such noncompliance and shall notify AT&T in writing when the facilities have been brought into compliance.
- 16.02 Report of Inspection Results. AT&T will provide CLEC the results of any inspection of CLEC's facilities performed under Section 16.01 of this Appendix.
- 16.03 Post-Construction Inspections. AT&T, at CLEC's expense, may conduct a post-construction inspection of CLEC's attachment to AT&T's poles, conduits or right-of-way for the purpose of determining the conformance of the attachments to the occupancy permit. AT&T will provide CLEC advance written notice of proposed date and time of the post-construction inspection. CLEC may accompany AT&T on the post-construction inspection. If CLEC has paid AT&T for construction oversight by an AT&T employee pursuant

to § 5.11(d) then CLEC shall not be also required to pay AT&T's employee cost for a post construction inspection.

ARTICLE 17: TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS

- 17.01 Facilities to Be Marked. CLEC shall tag or otherwise mark all of CLEC's facilities placed on or in AT&T's poles, ducts, conduits, and rights-of-way in a manner sufficient to identify the facilities as CLEC's facilities.
- 17.02 Removal of Untagged or Unauthorized Facilities. Subject to the provisions of subsections (a)-(c) of this section, AT&T may, without notice to any person or entity, remove from AT&T's poles or any part of AT&T's conduit system any untagged or unmarked facilities, including any such facilities owned or used by CLEC, if AT&T determines that such facilities are not the subject of any current license authorizing their continued attachment to AT&T's poles or occupancy of AT&T's conduit system and are not otherwise lawfully present on AT&T's poles or in AT&T's conduit system.
- (a) Before removing any such untagged or unmarked facilities, AT&T shall first attempt to determine whether the facilities are being used by CLEC or any other firm, are authorized by any license subject to this Appendix, or are otherwise lawfully present on AT&T's poles or in AT&T's conduit system.
 - (b) AT&T shall not remove untagged or unmarked facilities which are thought to be operational without first making reasonable efforts to (1) determine the identity of the owner or other person or entity thought to be responsible for the facilities and (2) give advance written notice to such person or entity.
 - (c) If the facilities appear to be facilities which are subject to a current license granted to CLEC under this Appendix, or if the facilities are otherwise lawfully present on AT&T's poles or in AT&T's conduit system, AT&T shall give written notice to CLEC requesting CLEC to tag or mark the facilities within 60 days and CLEC shall either tag the facilities within 60-day period, advise AT&T in writing of its schedule for tagging the facilities, or notify AT&T in writing that it disclaims ownership of or responsibility for the facilities. If CLEC disclaims ownership of or responsibility for the facilities, CLEC shall disclose to AT&T the identity of the owner or other party thought by CLEC to be responsible for the facilities.
 - (d) If any of CLEC's facilities for which no license is presently in effect are found attached to AT&T's poles or within any part of AT&T's conduit system or rights-of-way, AT&T shall send a written notice to CLEC advising CLEC that no license is presently in effect with respect to the facilities. Within 30 days of receiving such notice, CLEC shall acknowledge receipt of the notice and submit to AT&T, in writing, an application for a new or amended license with respect to such facilities. CLEC shall be liable to AT&T for all fees and charges associated with the unauthorized attachments. Such fees and charges shall continue to accrue until the unauthorized attachments are removed from AT&T poles, conduits or rights-of-way or until a new or amended occupancy permit is issued and shall include, but not be limited to, all fees and charges which would have been due and payable if CLEC and its predecessors had continuously complied with all applicable AT&T licensing requirements. In addition, CLEC shall be liable for an unauthorized attachment fee in the amount of 5 times the annual attachment and occupancy fees in effect on the date CLEC is notified by AT&T of the unauthorized attachment or occupancy. CLEC shall also rearrange or remove its unauthorized facilities at AT&T's request to comply with applicable placement standards and shall remove its facilities from any space occupied by or assigned to AT&T or another entity within 30 days of receiving notice to do so. CLEC shall pay AT&T for all costs incurred by AT&T in connection with any rearrangements, modifications or replacements necessitated as a result of the presence of CLEC's unauthorized facilities. All fees and charges associated with the unauthorized attachments shall be due and payable 30 days after the date of the bill or invoice stating such fees and charges. If CLEC does not obtain a new or amended

license with respect to unauthorized facilities within the specified period of time, AT&T shall by written notice advise CLEC to remove its unauthorized facilities within 60 days from the date of notice and CLEC shall remove the facilities within the time specified in the notice. If the facilities have not been removed within the time specified in the notice, AT&T may, at AT&T's option, remove CLEC's facilities at CLEC's expense.

- 17.03 Updating of Plant Location Records. CLEC shall furnish AT&T, upon request, with such information as may from time to time be necessary for AT&T to correct and update AT&T's pole and conduit maps and records, cable plat maps, and other plant location records, if any, recording or logging assignments of pole, duct, and conduit space.

ARTICLE 18: REMOVAL OF CLEC'S FACILITIES

- 18.01 Responsibility for Removing Facilities. CLEC shall be responsible for and shall bear all expenses arising out of in connection with the removal of its facilities from AT&T's poles, ducts, conduits, and rights-of-way. Such removals shall be performed in accordance with the provisions of this article.

- (a) CLEC shall give AT&T, when practicable, at least 30 days' advance notice in writing of its intent to remove facilities from any part of AT&T's conduit system and the proposed method of removal. The notice shall include the locations of the facilities to be removed, the name, telephone number of the manager responsible for the removal of the facilities, and the estimated dates when the removal of the facilities will begin and end.
- (b) CLEC shall, if requested by AT&T to do so, place a pull mandrel (slug) through all or any specified part of the duct which was occupied by CLEC.
- (c) Except as otherwise agreed upon in writing by the parties, CLEC must, after removing its facilities, plug all previously occupied ducts at the entrances to AT&T's manholes (if AT&T would itself plug the ducts under the same circumstances) in accordance with the standards set by AT&T for its operations, provided that such standards have been communicated in writing to CLEC at least 10 days in advance of the removal of CLEC's facilities.
- (d) CLEC shall be solely responsible for the removal of its own facilities and for (1) paying all persons and entities which provide materials, labor, access to real or personal property, or other goods or services in connection with the removal of CLEC's facilities from AT&T's poles, ducts, conduits, or rights-of-way and (2) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.
- (e) When CLEC no longer intends to occupy space on a pole or in a conduit CLEC will provide written notification to AT&T that it wishes to terminate the license with respect to such space and will remove its facilities from the space described in the notice. Upon removal of CLEC's facilities, the license shall terminate and the space shall be available for reassignment.

- 18.02 Removal of Facilities Not in Active Use. At AT&T's request, CLEC shall remove from AT&T's poles, ducts, conduits, and rights-of-way any of CLEC's facilities which are no longer in active use; provided, however, that CLEC shall not be required to remove such facilities when due cause and justification exists for allowing them to remain in place. CLEC shall not be required to remove retired or inactive (dead) cables that have been overlashed by other facilities which remain in active use unless removal expenses are paid by the person or entity requesting removal of such facilities. CLEC shall not be required to remove cables that would require excavation to remove unless the person or entity requesting removal of such cables bears the expenses of such excavation in a manner analogous to the provisions of Section 10.02(c) of this Appendix. CLEC shall not abandon any of its facilities by leaving them on AT&T's poles, in AT&T's ducts, conduits, or rights-of-way, at any location where they may block or obstruct access to AT&T's poles or any part of AT&T's conduit system, or on any public or private property (other than property owned or controlled by CLEC) in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.

- 18.03 Removal Following Termination of License. CLEC shall remove its facilities from AT&T's poles, ducts, conduits, or rights-of-way within 60 days, or within such other period of time as shall be mutually agreeable to the parties, after termination of the license authorizing the attachment of such facilities to AT&T's poles or the placement of such facilities in AT&T's ducts, conduits, or rights-of-way.
- 18.04 Removal Following Replacement of Facilities. Except as provided in Section 18.02, CLEC shall remove facilities no longer in service from AT&T's poles or conduit system within 60 days, or within such other period of time as shall be mutually agreeable to the parties, after the date CLEC replaces existing facilities on a pole or in a conduit with substitute facilities on the same pole or in the same conduit; provided, however, that removal of facilities from the maintenance duct shall be governed by Sections 12.04, 13.03, and 15.02 of this Appendix and not by this subsection.
- 18.05 Notice of Completion of Removal Activities. CLEC shall give written notice to AT&T stating the date on which the removal of its facilities from AT&T's poles, ducts, conduits, and rights-of-way has been completed. Charges shall continue to accrue with respect to such facilities until CLEC's facilities have been removed, pull mandrels (slugs) have been pulled if required by Section 18.01(b) of this Appendix, CLEC has plugged all previously occupied ducts at the entrances to AT&T's manholes as required by Section 18.01(c) of this Appendix, and the notice required by this section has been given.
- 18.06 Notice of AT&T's Intent to Remove Facilities. If CLEC fails to remove its facilities from AT&T's poles or conduit system, in accordance with the provisions of Sections 18.01 and 18.05 of this Appendix, AT&T may remove such facilities 60 days after giving CLEC written notice of its intent to do so. The notice shall state:
- (a) the date when AT&T plans to commence removal of CLEC's facilities, and that CLEC may remove the facilities at CLEC's sole cost and expense at any time before the date specified;
 - (b) AT&T's plans with respect to disposition of the facilities removed; and
 - (c) that CLEC's failure to remove the facilities or make alternative arrangements with AT&T for removal and disposition of the facilities shall constitute an abandonment of the facilities and of any interest therein.
- 18.07 Removal of Facilities by AT&T. If AT&T removes any of CLEC's facilities pursuant to this article, CLEC shall reimburse AT&T for AT&T's costs in connection with the removal, storage, delivery, or other disposition of the removed facilities.
- 18.08 Reattachment or Subsequent Attachment Following Removal. After CLEC's facilities have been properly removed pursuant to the provisions of this article, neither the removed facilities nor replacement facilities shall be attached to AT&T's poles or placed in AT&T's conduit system until CLEC has first submitted new applications for the facilities and complied with the provisions of this Appendix.
- 18.09 Termination of Licenses After Removal of Facilities. CLEC agrees to provide written notice to AT&T when it ceases to use facilities attached to AT&T's poles or placed in any part of AT&T's conduit system. Upon the giving of such notice and the removal of such facilities, CLEC's license with respect to such facilities and the space occupied by those facilities shall terminate.

ARTICLE 19: RATES, FEES, CHARGES, AND BILLING

- 19.01 Application Fees. AT&T will charge CLEC an Application Fee for each application requesting access to poles, conduits and rights-of-way, as set forth in the Pricing Schedule.
- 19.02 Semiannual Attachment and Occupancy Fees. AT&T's semiannual fees for attachments to AT&T's poles and occupancy of AT&T's ducts and conduits are specified in Exhibit I. For all attachments to AT&T's poles and occupancy of AT&T's ducts and conduits, CLEC agrees to pay AT&T semiannual charges as specified in Exhibit I.

- 19.03 Billing for Attachment and Occupancy Fees. Semiannual attachment and occupancy fees under this Appendix and licenses issued hereunder shall be payable in advance. Fees for pole attachments shall be based on the number of poles attachments for which licenses have been issued as of the date of billing by AT&T, shall be determined in accordance with the schedule of charges set forth in Exhibit I and shall be payable semiannually in advance. Fees for conduit occupancy shall be based on the number of duct feet subject to occupancy by CLEC under licenses issued as of the date of billing by AT&T, shall be determined in accordance with the schedule of charges set forth in Exhibit I and shall be payable semiannually in advance. Pole attachment and conduit occupancy space assigned to CLEC prior to the issuance of a license shall be billed in the same manner as if a license had been issued.
- (a) Bills shall be submitted to CLEC for two semiannual billing periods, the first period including charges for the months of January through June and the second including charges for the months of July through December.
 - (b) Charges associated with newly licensed pole attachments and conduit occupancy shall be prorated on a daily basis and billed with the next semiannual bill.
 - (c) Charges shall be adjusted and retroactively prorated on a daily basis following the removal of CLEC's facilities (in accordance with Article 18) and shall be retroactively adjusted as a credit on the next semiannual bill.
- 19.04 Pre-license Survey Fees. With respect to pre-license surveys conducted by AT&T pursuant to Section 9.05 of this Appendix, AT&T may charge CLEC cost-based pre-license survey fees pursuant to such methodologies as shall be approved by the Public Utility Commission of Ohio following the filing of AT&T of any required study providing cost justification for the imposition of pre-license survey fees.
- 19.05 Make-Ready Charges. CLEC agrees to pay make-ready charges, if any, as specified in this section. AT&T may recover from CLEC the costs of make-ready work performed by AT&T or persons acting on AT&T's behalf. AT&T will require payment of the full amount in advance, subject to true up of the estimated costs with the actual costs.
- 19.06 Charges for Work Performed by AT&T Employees. Except as otherwise specifically required by applicable commission orders, AT&T's charges to CLEC for work performed by AT&T employees pursuant to this Appendix shall be computed by multiplying the fully loaded hourly rates for such employees times the number of hours required to perform the work. Disputes over AT&T's charges for work performed by AT&T employees, including disputes between the parties concerning the number of hours required to perform the work, shall be subject to the dispute resolution procedures of Article 30. Notwithstanding the execution of this Appendix, CLEC shall have the right to challenge the methodology utilized by AT&T to determine hourly rates for AT&T employees at any time in any forum having jurisdiction over the subject matter.
- 19.07 Due Date for Payment. For all fees and charges other than make ready charges, each bill or invoice submitted by AT&T to CLEC for any fees or charges under this Appendix shall state the date that payment is due, which date shall be not less than 60 days after the date of the bill or invoice. CLEC agrees to pay each such bill or invoice on or before the stated due date.

ARTICLE 20: PERFORMANCE AND PAYMENT BONDS

- 20.01 Bond May Be Required. AT&T may require CLEC, authorized contractors, and other persons acting on CLEC's behalf to execute performance and payment bonds (or provide other forms of security) in amounts and on terms sufficient to guarantee the performance of their respective obligations arising out of or in connection with this Appendix only as provided in subsections (a)-(b) of this section. Bonds shall not be required for entities meeting all self-insurance requirements of Section 21.02 of this Appendix.
- (a) If CLEC elects to perform facilities modification, capacity expansion, or make-ready work under Section 6.08(c) or Sections 10.02-10.05 of this Appendix, AT&T may require CLEC, authorized contractors, and other persons acting on CLEC's behalf to execute bonds equivalent to those

which would be required by AT&T if the work had been performed by contractors, subcontractors, or other persons selected directly by AT&T. No bonds shall be required of CLEC, authorized contractors, or other persons acting on CLEC's behalf except in those situations where a bond would be required if the work were being performed on AT&T's behalf.

- (b) No other bond shall be required of CLEC to secure obligations arising under this Appendix absent of due cause and justification.
- (c) If a bond or similar form of assurance is required of CLEC, an authorized contractor, or other person acting on CLEC's behalf, CLEC shall promptly submit to AT&T, upon request, adequate proof that the bond remains in full force and effect and provide certification from the company issuing the bond that the bond will not be canceled, changed or materially altered without first providing AT&T 60 days written notice.
- (d) AT&T may communicate directly with the issuer of any bond issued pursuant to this section to verify the terms of the bond, to confirm that the bond remains in force, and to make demand on the issuer for payment or performance of any obligations secured by the bond.

ARTICLE 21: INSURANCE

21.01 Insurance Required. CLEC shall comply with the insurance requirements specified in this section.

- (a) Unless CLEC has provided proof of self-insurance as permitted in Section 21.02 below, CLEC shall obtain and maintain in full force and effect, for so long as this Appendix remains in effect, insurance policies specified in Exhibit IV of this Appendix. Each policy shall name AT&T as an additional insured and shall include provisions requiring the insurer to give AT&T notice of any lapse, cancellation, or termination of the policy or any modification to the policy affecting AT&T's rights under the policy, including but not limited to any decrease in coverage or increase in deductibles.
- (b) Exclusions from coverage or deductibles, other than those expressly permitted in EXHIBIT IV, must be approved in writing by AT&T.
- (c) Authorized contractors and other contractors performing work on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way on CLEC's behalf shall be required to meet the same insurance requirements applicable to contractors performing similar work on AT&T's behalf. CLEC shall be responsible for securing compliance by its contractors with this requirement and shall be liable to AT&T for any damages resulting from its failure to do so.
- (d) Self-insurance shall be permitted for persons and entities (including but not limited to CLEC and authorized contractors) meeting the self-insurance requirements set forth in Section 21.02 of this Appendix.

21.02 Proof of Insurance or Self-insurance. Proof of insurance or self-insurance shall be made pursuant to the provisions of this section.

- (a) CLEC shall submit to AT&T adequate proof (as determined by AT&T) that the companies insuring CLEC are providing all coverages required by this Appendix. CLEC's insurers shall provide AT&T with certifications that the required coverages will not be canceled, changed, or materially altered (e.g., by increasing deductibles or altering exclusions from coverages) except after 30 days written notice to AT&T.
- (b) AT&T will accept certified proof of a person or entity's qualification as a self-insurer for Workers' Compensation and Employers Liability, where self-insurance is permitted, upon receipt of a current copy of a Certificate of Authority to Self-insure issued by the Workers' Compensation Commission of this State. AT&T will accept self-insurance by a person or entity in lieu of other Commercial General Liability and Automobile Liability Coverage if such person or entity warrants that its net

worth, as shown by its most recent audited financial statement with no negative notes, is a least 10 times the minimum liability limits set forth in Exhibit IV and AT&T is satisfied that such person or entity will be able to meet its liability obligations under this Appendix.

- 21.03 Licensing Contingent on Proof of Insurance. All insurance required in accordance with Exhibit IV, or self-insurance as permitted in Section 21.02, must be in effect before AT&T will issue pole attachment or conduit occupancy licenses under this Appendix and shall remain in force until all of CLEC's facilities have been removed from AT&T's poles, ducts, conduits, and rights-of-way.
- 21.04 Failure to Obtain or Maintain Coverage. CLEC's failure to obtain and maintain the required levels and types of insurance coverage required under this Appendix may be grounds for termination of this Appendix and licenses subject to policies of insurance required under this Appendix will be canceled or changed in any manner which will result in CLEC's failure to meet the requirements of this Appendix, AT&T may terminate this Appendix and all licenses subject to this Appendix not less than 60 days after giving CLEC written notice of its intention to do so, and such termination shall be effective on the termination date specified in the notice unless CLEC has obtained (or made arrangements satisfactory to AT&T to obtain) the required coverage from another source. In the alternative, AT&T may, in its sole discretion, elect to take such action as may be necessary to keep the policy in effect with the required coverages.

ARTICLE 22: TERMINATION OF AGREEMENT OR LICENSES; REMEDIES FOR BREACHES

- 22.01 Termination of Appendix Due to Non-Use of Facilities. CLEC shall, by written notice to AT&T, terminate this Appendix if CLEC ceases to do business in this State, or ceases to make active use of AT&T's poles, ducts, conduits, and rights-of-way in this State.
- 22.02 Limitation, Termination, or Refusal of Access Due to Certain Material Breaches. CLEC's access to AT&T's poles, ducts, conduits, and rights-of-way will not materially interfere with or impair service over any facilities of AT&T or any joint user, cause material damage to AT&T's plant or the plant of any joint user, impair the privacy of communications carried over the facilities of AT&T or any joint user, or create serious hazards to health or safety of any persons working on, within, or in the vicinity of AT&T's poles, ducts, rights-of-way or to the public. Upon reasonable notice and opportunity to cure, AT&T may limit, terminate or refuse access if CLEC violates this provision; provided, however, that such limitation, termination or refusal will be limited to CLEC's access to poles, ducts, conduits, and rights-of-way located in the AT&T construction district in which the violation occurs, shall be as narrowly limited in time and geographic scope as may be necessary to enable CLEC to adopt suitable controls to prevent further violations, and shall be subject to review, at CLEC's request, pursuant to the dispute resolution procedures set forth in this Appendix (or, if applicable, the parties' Interconnection Agreement) or, as permitted by law, before any court, agency, or other tribunal having jurisdiction over the subject matter. In the event CLEC invokes dispute resolution procedures or seeks review before a court, agency, or other tribunal having jurisdiction over the subject matter, the limitation, termination, or refusal of access may be stayed or suspended by agreement of the parties or by order of the tribunal having jurisdiction over the parties' dispute.
- 22.03 Notice and Opportunity to Cure Breach. In the event of any claimed breach of this Appendix by either party, the aggrieved party may give written notice of such claimed breach as provided in this section.
- (a) The notice shall set forth in reasonable detail:
- (1) the conduct or circumstances complained of, together with the complaining party's legal basis for asserting that a breach has occurred;
 - (2) the action believed necessary to cure the alleged breach; and
 - (3) any other matter the complaining party desires to include in the notice.
- (b) Except as provided in Section 22.02 and subsection (c) of this section, the complaining party shall not be entitled to pursue any remedies available under this Appendix or relevant law unless such

notice is given and (1) the breaching party fails to cure the breach within 30 days of such notice, if the breach is one which can be cured within 30 days, or (2) the breaching party fails to commence promptly and pursue diligently a cure of the breach, if the required cure is such that more than 30 days will be required to effect such cure; provided, however, that nothing contained in this section shall preclude either party from invoking the dispute resolution procedures set forth in Article 30 of this Appendix, or any complaint or dispute resolution procedures offered by the FCC or State Commission, at any time.

- (c) Nothing contained in this section shall preclude either party from filing a complaint or bringing suit in any court, agency, or other tribunal of competent jurisdiction to restrain or enjoin any conduct of the other party which threatens the complaining party with irreparable injury, loss or damage without first giving the notice otherwise required by subsection (b).

ARTICLE 23: CONFIDENTIALITY OF INFORMATION

- 23.01 Information Provided by CLEC to AT&T. Except as otherwise specifically provided in this Appendix, all company-specific and customer-specific information submitted by CLEC to AT&T in connection with this Appendix (including but not limited to information submitted in connection with CLEC's applications for the assignment of pole attachment and occupancy space and for pole attachment and conduit occupancy licenses) shall be deemed to be "Confidential" or "Proprietary" information of CLEC and shall be subject to the terms set forth in this article. Confidential or Proprietary information specifically includes information or knowledge related to CLEC's review of records regarding a particular market area, or relating to assignment of space to CLEC in a particular market area, and further includes knowledge or information about the timing of CLEC's request for or review of records or its inquiry about AT&T facilities. This article does not limit the use by AT&T of aggregate information relating to the occupancy and use of AT&T's poles, ducts, conduits, and rights-of-way by firms other than AT&T (that is, information submitted by CLEC and aggregated by AT&T in a manner that does not directly or indirectly identify CLEC).
- 23.02 Access Limited to Persons with a Need to Know. Confidential or Proprietary information provided by CLEC to AT&T in connection with this Appendix shall not be disclosed to, shared with, or accessed by any person or persons (including but not limited to personnel involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities) other than those who have a need to know such information for the limited purposes set forth in Sections 23.03 to 23.06.
- 23.03 Permitted Uses of CLEC's Confidential or Proprietary Information. AT&T and persons acting on AT&T's behalf, except for personnel involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities, may utilize CLEC's Confidential or Proprietary information for the following purposes (a) posting information, as necessary, to AT&T's outside plant records; (b) placing, constructing, installing, operating, utilizing, maintaining, monitoring, inspecting, repairing, relocating, transferring, conveying, removing, or managing AT&T's poles, ducts, conduits, and rights-of-way and any AT&T facilities located on, within, or in the vicinity of such poles, ducts, conduits, and rights-of-way; (c) performing AT&T's obligations under this Appendix and similar agreements with third parties; (d) performing AT&T's general obligations to afford nondiscriminatory access to telecommunications carriers and cable television systems under the Pole Attachment Act; (e) determining which of AT&T's poles, ducts, conduits, and rights-of-way are (or may in the future be) available for AT&T's own use, and making planning, engineering, construction, and budgeting decisions relating to AT&T's poles, ducts, conduits, and rights-of-way; (f) preparing cost studies; (g) responding to regulatory requests for information; (h) maintaining AT&T's financial accounting records; and (i) complying with other legal requirements relating to poles, ducts, conduits, and rights-of-way.
- 23.04 Access by Third Parties. Information reflecting the assignment of pole attachment and conduit occupancy space to CLEC may be made available to personnel of third parties seeking access to AT&T's records under provisions, and subject to protections, equivalent to those contained in and required by Section 7.03 of this Appendix.

- 23.05 Defense of Claims. In the event of a dispute between AT&T and any person or entity, including CLEC, concerning AT&T's performance of this Appendix, satisfaction of obligations under similar agreements with third parties, compliance with the Pole Attachment Act, compliance with the Telecommunications Act of 1996, or compliance with other federal, state, or local laws, regulations, commission orders, and the like, AT&T may utilize Confidential or Proprietary information submitted by CLEC in connection with this Appendix as may be reasonable or necessary to demonstrate compliance, protect itself from allegations of wrongdoing, or comply with subpoenas, court orders, or reasonable discovery requests; provided, however, that AT&T shall not disclose CLEC's Proprietary or Confidential Information without first, at AT&T's option, (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of the information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing CLEC notice of the subpoena or order and the opportunity to protect the Proprietary or Confidential Information.
- 23.06 Response to Subpoenas, Court Orders, and Agency Orders. Nothing contained in this article shall be construed as precluding AT&T from complying with any subpoena, civil or criminal investigative demand, or other order issued or entered by a court or agency of competent jurisdiction; provided, however, that AT&T shall not disclose CLEC's proprietary or confidential information without first, at AT&T's option: (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of CLEC's information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing CLEC notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.
- 23.07 Other Uses of Confidential Information. No other uses of Confidential or Proprietary information received from CLEC pursuant to this Appendix are authorized or permitted without CLEC's express written consent.

EXHIBIT II

IDENTIFICATION OF APPLICANT (OHIO)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

Applicant's legal name is: CLEC.

Applicant's principal place of business is located in the State of _____ state _____.

Applicant does business under the following assumed names:

Applicant is:

☐ a corporation organized under the laws of the State of _____,
charter no. _____;

☐ a partnership organized under the laws of the State of _____;
or

☐ another entity, as follows:
_____.

Applicant represents that Applicant is:

☐ (1) a cable system (as defined in 47 U.S.C. §§ 153(37) and 522(7)) seeking a pole attachment or conduit occupancy license solely to provide cable service (as defined in 47 U.S.C. § 522(6));

☐ (2) a telecommunications carrier, as defined in 47 U.S.C. § 153(49), as modified by 47 U.S.C. § 224; or

☐ (3) a person or entity which is neither (1) nor (2) above, as follows:

EXHIBIT III

ADMINISTRATIVE FORMS AND NOTICES (OHIO)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached and contains administrative forms referred to in the Master Agreement or used in connection with the provision of access to AT&T's poles, ducts, conduits, and rights-of-way. The forms are forms presently in use and have not been fully conformed to the Master Agreement. The forms may be further revised by AT&T to conform to the Master Agreement and revised from time to time to reflect changes in the applicable law, changes in the Master Agreement, and changes in the procedures through which access to poles, ducts, conduits, and rights-of-way is afforded by AT&T to CLEC and others.

- SW-9433: Pole Attachments
- SW-9434: Access Application and Make-Ready Authorization
- SW-9435: Conduit Occupancy
- SW-9436A: Notification of Surrender or Modification of Pole Attachment License by Licensee
- SW-9436B: Notification of Surrender or Modification of Conduit Occupancy License by Applicant
- SW-9436C: Notification of Unauthorized Attachments by Applicant

EXHIBIT IV

INSURANCE REQUIREMENTS (OHIO)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

1) Premises. As used in this Exhibit, the term "premises" refers to any site located on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way and any location where CLEC or any person acting on CLEC's behalf may be physically present while traveling to or departing from any such site.

2) Requirements Applicable to CLEC and All Persons and Entities Acting on CLEC's Behalf. CLEC shall maintain, at all times during the term of this Agreement, all insurance and coverages set forth below. Such insurance and coverages shall not only cover CLEC but all contractors, subcontractors, and other persons or entities acting on CLEC's behalf at the premises described in 1) above. CLEC should require that all contractors, subcontractors, and other persons or entities acting on CLEC's behalf at premises described in 1) above obtain the same insurance and coverages.

3) Workers' Compensation Insurance. CLEC shall maintain, at all times during the term of the Agreement, Workers' Compensation Insurance and Employer's Liability Insurance with minimum limits of \$100,000 for bodily injury-each accident, \$100,000 for bodily injury by disease-each employee, and \$500,000 for bodily injury by disease-policy limits, for all employees performing work or otherwise present on the premises described in 1) above. Such insurance must comply with the Workers' Compensation laws of this State and shall provide coverage, at a minimum, for all benefits required by such Worker's Compensation laws. CLEC shall require any contractor, subcontractor, or other person or entity acting on CLEC's behalf to provide Workers' Compensation Insurance and Employer's Liability Insurance for their respective employees unless such employees are covered by the protection afforded by CLEC.

4) General Liability Insurance. To protect AT&T from any liability for bodily injury or property damage, CLEC shall maintain, at all times during the term of the Master Agreement, General Liability insurance satisfactory to AT&T. AT&T shall be added as an additional insured in the standard policy or an endorsement thereto. CLEC shall also require any contractor, subcontractor, or other person or entity acting on CLEC's behalf to provide General Liability coverage with the same limits and with AT&T added as an additional insured unless such contractor, subcontractor, or other person or entity is covered by the General Liability protection afforded by CLEC.

a) The following coverages must be included in (and may not be excluded from) the policy or policies obtained to satisfy the General Liability insurance requirements of CLEC and any contractor, subcontractor, or other person or entity acting on CLEC's behalf. The coverages may be provided by the standard policy or endorsements thereto. Exclusion endorsements deleting these coverages will not be accepted.

- 1) Personal Injury and Advertising Injury coverage.
- 2) Premises/Operations coverage, including also coverage for any newly acquired ownership or controlled premises or operations.
- 3) Independent Contractors coverage to provide protection for CLEC's contractors, subcontractors, and other persons or entities acting on CLEC's behalf.
- 4) Explosion, Collapse, and Underground Hazard (XCU) coverage.
- 5) Completed Operations coverage providing for bodily injury and property damage liabilities which may occur once the operations have been completed or abandoned.
- 6) Contractual Liability coverage to provide financial responsibility for CLEC to meet its indemnification obligations.

- 7) Broad Form Property Damage (BFPD) coverage for damage to property in the care or custody of CLEC and damage to work performed by or on behalf of CLEC.
 - b) Minimum policy limits shall be as follows:
 General Aggregate Limit: \$2,000,000.
 Sublimit for all bodily injury, property damages, or medical expenses incurred in any one occurrence: \$1,000,000.
 Sublimit for personal injury and advertising: \$1,000,000.
 Products/Operations Aggregate Limit: \$1,000,000.
 Each occurrence sublimit for Products/Operations: \$1,000,000.
 - c) No coverage shall be deleted from the standard policy without notification of individual exclusions being attached for review and acceptance.
 - d) Policy language or endorsements adding AT&T as an additional insured shall not include exclusions or exceptions which defeat the purpose of protecting AT&T from any liability for bodily injury or property damage arising out of CLEC's operations.
- 5) Automobile Liability Insurance. The parties contemplate that CLEC and personnel acting on CLEC's behalf will utilize automobiles, trucks, and other motor vehicles on public and private property, including public rights-of-way, in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way. Accordingly, CLEC shall maintain, at all times during the term of the Agreement, Automobile Liability insurance with minimum limits of \$1,000,000 combined single limits per occurrence for bodily injury and property damage which may arise out of the operation or use of motor vehicles of any type. Coverage shall extend to "any auto" -- that is, coverage shall be extended to all owned, non-owned, and hired vehicles used by CLEC or by any person or entity acting on CLEC's behalf in connection with any work performed, or to be performed, on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.
- 6) Layering of General Liability and Automobile Liability coverages. CLEC's insurance may be written via a primary policy with either an excess or umbrella form over the primary policy. If coverage is written in this manner, the total of the combined policy limits must meet or exceed the minimum limits specified in the Agreement.
- 7) Deductibles. No deductibles shall be allowed without the express written consent of AT&T.
- 8) Claims Made Policies. Claims Made Policies will not be accepted.
- 9) Proof of Insurance. Certificates of Insurance stating the types of insurance and policy limits provided the insured, or other proof of insurance satisfactory to AT&T, must be received by AT&T prior to the issuance of any licenses pursuant to the Agreement and before CLEC or any person acting on CLEC's behalf performs any work on the premises described in 1) above.
- a) Certificates of Insurance using the insurance industry standard ACORD form are preferred.
 - b) Certificates provided with respect to General Liability policies and certificates provided with respect to Automobile Liability policies shall indicate AT&T as an Additional Insured.
 - c) Deductibles, if permitted, shall be listed on the Certificate of Insurance.
 - d) The cancellation clause on the certificate of insurance shall be amended to read as follows:
 "SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED OR MATERIALLY CHANGED BEFORE THE EXPIRATION DATE, THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT."
 A certificate which does not include the phrase "or materially changed" does not meet AT&T's requirements. A certificate reciting that the issuing company will "endeavor to" mail 30 days written notice to the certificate holder does not meet AT&T's requirements. The language "but failure to mail

such notice shall impose no obligation or liability of any kind upon the company, its agents, or representatives" or similar language must be deleted from the certificate.

- e) The certificate holder shall be:

Structure Access Manger

23500 Northwestern Highway, Room E230

Southfield, Michigan 48075

(888)395-ASAC (2722)

- f) Failure to object to any coverage described in a certificate shall not constitute written permission from AT&T to any variance from or alteration of any requirement set forth in this Exhibit and shall not be construed as a waiver by AT&T of any rights under the Agreement.

10) Rating of Insurers. AT&T requires that companies affording insurance coverage have a B+VII or better rating, as rated in the current A.M. Best Key Rating Guide for Property and Casualty Insurance Companies.

11) Self-insurance. If authorized in the Master Agreement, self-insurance shall be allowed in lieu of the above requirements upon CLEC's submission of proof that it has met the self-insurance requirements stated in the Master Agreement.

EXHIBIT V

NONDISCLOSURE AGREEMENT (OHIO)

Nondisclosure Agreement (AT&T OHIO Pole, Duct, Conduit, and Right-of-Way)

This Nondisclosure Agreement, effective as of the ____ day of _____, 20____, has been entered into by and between Southwestern Bell Telephone, L.P. ("AT&T OHIO (AT&T)") (AT&T), a Texas corporation, and the undersigned person or firm ("Recipient") as a condition of access to certain records and information maintained by AT&T. The parties stipulate and agree as follows:

1) AT&T maintains records and information, including but not limited to outside plant engineering and construction records, which relate to poles, ducts, conduits, and rights-of-way which AT&T owns or controls. AT&T represents that such records and information are not made generally available for inspection or copying by the public and include business, economic, and engineering information (including but not limited to plans, designs, maps, diagrams, cable counts and cable-specific information, circuit records, and other competitively sensitive information) which AT&T intends to keep secret and which has economic value by virtue of not being generally known to or readily ascertainable by the public, including AT&T's competitors.

2) AT&T has agreed to make certain of its records and information relating to poles, ducts, conduits, and rights-of-way available to cable television systems and telecommunications carriers who are presently entitled under federal law to have access to the poles, ducts, conduits, and rights-of-way owned or controlled by AT&T.

3) Recipient represents that Recipient is a cable television system or telecommunications carrier entitled under federal law to access to poles, ducts, conduits, and rights-of-way owned or controlled by AT&T, or, if an individual, that he or she is acting on behalf of _____, which is such a cable television system or telecommunications carrier. Recipient further represents that Recipient is seeking access to AT&T's records and information relating to poles, ducts, conduits, and rights-of-way for the limited purpose of enabling engineering and construction personnel employed by or acting on behalf of such cable television system or telecommunications carrier to make engineering and construction decisions necessary to utilize AT&T's poles, ducts, conduits, and rights-of-way.

4) AT&T agrees that permitted uses of records and information concerning AT&T's poles, ducts, conduits, and rights-of-way are (a) determining which poles, ducts, conduits, and rights-of-way owned or controlled by AT&T are available for use by such cable television systems or telecommunications carriers as permitted by federal law, (b) designing, engineering, constructing, installing, maintaining, and removing equipment which is to be attached to or placed within such poles, ducts, conduits, and rights-of-way, and (c) contesting decisions, if any, by AT&T not to provide access to such poles, ducts, conduits, and rights-of-way as requested. No other uses of such records or information are authorized or permitted under this Agreement.

5) Recipient agrees that Recipient will not use, or permit any other person or entity to use or have access to AT&T's records and information relating to poles, ducts, conduits, or rights-of-way or information for any purpose other than the limited purposes stated in 4) above and that such records and information shall not be disclosed or shared with any person or persons other than those who have a need to know such information for such limited purposes. Recipient specifically agrees that such records and information shall not be used or accessed by any person involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities. Recipient further agrees that Recipient shall not furnish copies of such records or disclose information contained in such records to any person or entity which has not executed and delivered to AT&T a counterpart of this Agreement prior to receipt of such copies or information.

6) Recipient agrees that Recipient will not without AT&T's express written authorization copy, duplicate, sketch, draw, photograph, download, photocopy, scan, replicate, transmit, deliver, send, mail, communicate, or convey any of AT&T's records relating to poles, ducts, conduits, or rights-of-way. Recipient further agrees that Recipient will not conceal, alter, or destroy any AT&T records furnished to Recipient pursuant to this Agreement.

7) Notwithstanding the provisions of 6) above, and except as provided in 8) below, Recipient may copy, take notes from, make, and use (for the limited purposes specified herein) drawings with reference to the following records provided by AT&T to Recipient for inspection: pole and conduit route maps, cable plat maps, and plant location records reflecting approximate locations of AT&T's existing poles, ducts, conduits, and rights-of-way. All such copies, notes, and drawings (whether in hardcopy or electronic form) shall be marked with the legend: "PROPRIETARY INFORMATION: NOT FOR USE BY OR DISCLOSURE TO ANY PERSON WHO HAS NOT EXECUTED A NONDISCLOSURE AGREEMENT (AT&T POLE, DUCT, CONDUIT, AND RIGHT-OF-WAY)."

8) No references to cable counts, cable designations or cable-specific information, circuit information, or customer-specific information of any kind may be included in any copies, notes, or drawings made pursuant to 7) above; provided, however, that Recipient may make estimates regarding the physical characteristics (such as size and weight) of the cables being surveyed when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of AT&T's poles, ducts, conduits, or rights-of-way for Recipient/Applicant's intended uses.

9) All records and information relating to poles, ducts, conduits, and rights-of-way provided to Recipient/Applicant by AT&T (whether in writing, orally, or in electronic or other formats) shall be deemed to be proprietary information subject to this Agreement without regard to whether such information, at the time of disclosure, has been marked with restrictive notations such as "Proprietary," "Restricted Proprietary," "Confidential," "Not to Be Copied or Reproduced," or the like.

10) This Agreement applies only to records and information provided to Recipient by AT&T and does not apply to records and information obtained by Recipient from other lawful sources.

11) This Agreement does not prohibit the disclosure of records or information in response to subpoenas and/or orders of a governmental agency or court of competent jurisdiction. In the event Recipient receives an agency or court subpoena requiring such disclosure, Recipient shall immediately, and in no event later than five calendar days after receipt, notify AT&T in writing.

12) The Parties agree that, in the event of a breach or threatened breach of this Agreement, AT&T may seek any and all relief available in law or in equity as a remedy for such breach, including but not limited to monetary damages, specific performance, and injunctive relief. The Parties acknowledge that AT&T's records and information relating to poles, ducts, conduits, and rights-of-way include valuable and unique information and that disclosure of such information (including circuit information) will result in irreparable injury to AT&T. In the event of any breach of this Agreement for which legal or equitable relief is sought, AT&T shall be entitled to recover from Recipient all reasonable attorney's fees and other reasonable costs (including but not limited to fees of expert witnesses) incurred by AT&T in connection with the prosecution of its claims against Recipient.

13) This Agreement shall be effective on the effective date shown above and shall remain in full force and effect until terminated by either party as provided herein. Either party may, at any time, with or without cause, terminate this Agreement by giving the other party 60 days' advance written notice of its decision to terminate. The parties further agree that termination of this Agreement shall have no effect on the duty of any person or entity, including Recipient, to abide by all terms of this Agreement with respect to records and information received by Recipient while this Agreement is in effect.

14) This Agreement shall benefit and be binding on the parties below and their respective heirs, successors, and assigns.

15) This Agreement will be governed by the laws of the State of Ohio.

16) This Agreement sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof, and none of the terms of this Agreement may be amended or modified except by written instrument signed by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, or caused this Agreement to be executed by their duly authorized representatives, in duplicate, as of the dates set forth below.

Recipient (Print or Type Name)

The Ohio Bell Telephone Company L.P. d/b/a
AT&T Ohio by AT&T Operations, Inc., its
authorized agent

By _____
Signature of Recipient or Representative

By _____
Signature

Name (Printed or Typed)

Name (Printed or Typed)

Address

Address

City, State, and Zip Code

City, State, and Zip Code

Phone

Phone

Date

Date

EXHIBIT VI

NOTICES TO CLEC (OHIO)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached. Notices to be sent to the CLEC include, but are not limited to, notices under the following provisions of the Master Agreement.

- 4.03(a) No Effect on AT&T's Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way.
- 8.XX All Notifications in Article 8
- 9.XX All Notifications in Article 9
- 10.05(a) Make-Ready Work
- 17.02 (b) Removal of Untagged or Unauthorized Facilities
- 17.02 (c) Removal of Untagged or Unauthorized Facilities
- 17.02 (d) Removal of Untagged or Unauthorized Facilities
- 18.06 Notice of AT&T's Intent to Remove Facilities
- 21.04 Failure to Obtain or Maintain Coverage
- 22.02 Limitation, Termination, or Refusal of Access Due to Certain Material Breaches

EXHIBIT VII NOTICES TO AT&T OHIO (OHIO)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

Structure Access Manager. Except as otherwise stated in this Exhibit, all notices to AT&T shall be given to the Structure Access Manager designated in EXHIBIT VIII of the Master Agreement. The Structure Access Manager is generally responsible for coordinating applications for access to AT&T's poles, ducts, conduits, and rights-of-way and serving as CLEC's initial point of contact for matters arising out of or in connection with the administration of the Master Agreement. Notices to the Structure Access Manager shall be given in writing in the manner prescribed in Section 29.02. Notices to be sent to the Structure Access Manager include, but are not limited to, notices under the following provisions of the Master Agreement.

- 7.01 Notification of Designation of Primary Point of Contact
- 7.03(a) Notification of intent to review records
- 8.XX All Notifications in Article 8
- 9.XX All Notifications in Article 9
- 10.05(e) Notification Regarding Make-Ready Work
- 12.03(d) Notification of placing J-hook on non-licensed pole
- 12.04 Notification of occupation of maintenance duct for short-term use
- 12.06 Notification of CLEC's maintenance contact
- 13.01 Notification of planned modifications
- 14.02(c) Notification of CLEC's desire to add to or modify its existing attachment
- 15.02(b) Notification of occupation of maintenance duct for short-term emergency use
- 15.03 Notification of emergency repair coordinators
- 16.01 Notification that facilities have been brought into compliance
- 17.02(c) Disclaimer of ownership or responsibility for untagged facilities
- 18.01(a) Notice of intent to remove facilities
- 18.01(e) Notice of intent to terminate license
- 18.06 Notification of AT&T's intent to remove CLEC's facilities
- 20.01(c) Notification of change of bond
- 24.01 Notification of termination
- 24.03 Notification of cure of breach

Other notices. The following notices may be given orally or in writing (including fax) and shall be given to AT&T's Local Service Center (LSC) at 1-888-344-9101 instead of the Structure Access Manager.

- 6.05(a) Notifications relating to electrical interference
- 6.09(h) Notifications of unsafe conditions
- 6.11(a) Notification of manhole entry

- 6.13(c) Notification of environmental contaminants
- 10.02(b) Notification of materials required for self-provisioning of inner duct
- 15.04 Notification of conditions requiring emergency repair
- 15.06(a) Notification of performing corrective work on emergency repair. (advanced notice)
- 15.06(b) Notification of performing corrective work on emergency repair. (no advanced notice)

Additional information and questions concerning notice requirements. The Structure Access Manager, as CLEC's initial point of contact, will provide additional information to CLEC concerning notification procedures for notices to be given to LSPC. Questions to AT&T concerning notice requirements should be directed to the Structure Access Manager. The Structure Access Manager is not authorized to provide CLEC legal advice with respect to notice requirements. Questions by CLEC's personnel and other persons acting on CLEC's behalf concerning CLEC's legal obligations should be directed to CLEC's legal counsel or such other personnel as CLEC may direct.

Changes in notice requirements. Changes in the notice requirements set forth in this Exhibit may be made by AT&T from time to time in accordance with the provisions of Section 29.03 of the Master Agreement.

EXHIBIT VIII IDENTIFICATION OF UTILITY LIAISON SUPERVISOR (OHIO)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

The Utility Liaison Supervisor for Ohio is named below. Notices to the Utility Liaison Supervisor should be addressed as follow:

Structure Access Manger

23500 Northwestern Highway, Room E230

Southfield, Michigan 48075

(888)395-ASAC (2722)



PRE-OCCUPANCY POLE ATTACHMENTS SURVEY

FIRM'S NAME: _____

AGREEMENT NO: _____

APPLICATION NO: _____

Wire Center _____

TYPE: _____

(CATV, Telecom, Other)

Item #	Record #	Pole #	Ownership SWBT or Power	Street Address	Proposed Attachment Height	Guy Req'd Y or N	Make Ready Work Y or N	Make Ready Description	Pole Mntd Apparatus Height
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
	TOTAL								

Number of Cables _____

Weight/per ft. and Size/ O.D. _____

Number and Types of Strands _____

Other Notes: _____

SIGNED: _____ DATE: _____
SWBT's Representative TIME: _____SIGNED: _____ DATE: _____
Applicant's Representative TIME: _____☐ Official File Copy, If Checked in Red

SW-9433



Access Application and Make Ready Authorization

(Request for Access to Poles, Ducts, Conduit)

Name of Applicant _____
Agreement No. _____
Application No. _____

Assignment/Access/Occupancy

As specified in the attached documents, and in accordance with the terms and conditions of the Master Agreement between SWBT and Applicant; application is hereby made for occupancy of space through a nonexclusive license of communication facilities to access the quantity of SWBT facilities indicated below:

_____ **SWBT Poles** _____ **Feet SWBT Whole Duct** _____ **Feet SWBT Innerduct**
Applicant authorizes SWBT to perform the required pre-licensing survey including any field inspections required to evaluate capacity, safety, reliability, and engineering standards; and to determine the cost, if any, of required modifications or make-ready work.

Effective Date _____ Assignment Expiration Date _____

Applicant's Estimated Construction Start Date: _____

Applicant's Estimated Construction Completion Date: _____

Authorized by Applicant: _____
Signature Title

Date: _____

Make-Ready Work

Estimated Costs	Hours		Rate	Total
<i>Constr. Labor</i>	_____	X	\$ _____	\$ _____
<i>Material</i>	xxx	X	\$ _____	\$ _____
<i>Engr. Design</i>	_____	X	\$ _____	\$ _____
TOTAL				\$ _____

Estimated SWBT Completion Date _____

☐ No Make-Ready Work Required.

☐ Make-Ready Work will be completed by applicant's authorized contractor.

☐ I authorize SWBT to complete the required make-ready work. Costs will be based upon actual costs incurred by SWBT.

Applicant's Signature Title Date _____

LICENSE NO. _____ Authorized by SWBT: _____

Signature Title

DATE: _____

☐ Official File Copy, If Checked in Red

SW-9434



PRE-OCCUPANCY CONDUIT SURVEY

FIRM'S NAME: _____
 AGREEMENT NO: _____
 APPLICATION NO: _____

TYPE: _____
 (CATV, Telecom, Other)

Wire Center _____

Item #	Oper. #	Record #	Manhole #	Street Address	Distance to Next Manhole (Ctr to Ctr)	Proposed Duct or Innerduct	Make Ready Work Y or N	Make Ready Description
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
TOTAL					0			

Number of Cables _____
 Size of Cable (O.D. Inches) _____

Splice Information Manhole # _____
 Splice Information Manhole # _____
 Slack Loop Information Manhole # _____
 Slack Loop Information Manhole # _____

Details _____
 Details _____
 Details _____
 Details _____

SIGNED: _____ DATE: _____
 SWBT's Representative TIME: _____

SIGNED: _____ DATE: _____
 Applicant's Representative TIME: _____

☐ Official File Copy, If Checked in Red

SW-9435

**NOTIFICATION OF SURRENDER OR MODIFICATION
OF POLE ATTACHMENT LICENSE BY LICENSEE**

Page _____ of _____

Southwestern Bell Telephone Company:

In accordance with the terms and conditions of the Licensee Agreement between us, dated _____, _____ notice is hereby given that the licenses covering attachments to the following poles and/or anchors and/or utilization of anchor/guy strand is surrendered (or modified as indicated in Licensee's prior notification to Licensor, dated _____, _____) effective _____.

	POLE NO.	ANCHOR A/GS (ASSOC. POLE. NO.)	LIC. NO. & DATE	SURRENDER OR MODIFICATION	DATE FAC. RMVD. OR MODIFIED
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Date Notification Received: _____

Date Modification Accepted: _____

By: _____

Discontinued:

Poles: _____

Anchors: _____

Anchor/Guy Strands: _____

Name of Licensee

By: _____

Title: _____

☐ Official File Copy, If Checked in Red

**NOTIFICATION OF SURRENDER OR MODIFICATION
OF CONDUIT OCCUPANCY LICENSE BY APPLICANT**

License Agreement #: _____

_____ (Applicant)

_____ (Address)

In accordance with the terms and conditions of the Licensing Agreement between us, dated _____, _____ notice is hereby given that the licenses covering occupancy of the following conduit are surrendered (or modified as indicated in Applicant's prior notification to SWBT, dated _____, _____) effective _____.

	CONDUIT LOCATION	LIC. NO. & DATE	SURRENDER OR MODIFICATION	DATE FAC./TAGS RMVD. OR MODIFIED
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

S W B T	Date Notification Received: _____
	Date Modification Accepted: _____
	By: _____
	Discontinued: _____
	Total Duct Footage: _____

_____ (Applicant)

By: _____

(Name of Authorized Agent)

Title: _____

(Title of Authorized Agent)

☐ Official File Copy If Checked in Red

SW-9436B
(Rev. 6-96)



NOTIFICATION OF UNAUTHORIZED ATTACHMENTS BY APPLICANT

Applicant Name: _____

In accordance with the terms and conditions of the Licensee Agreement between us, dated _____, _____ notice is hereby given that the license covering attachments to the following is unauthorized (as indicated in Applicant's prior lease agreement to SWBT, dated _____, _____) effective _____.

Southwestern Bell Telephone

By: _____

Title: _____

	POLE NO. OR CONDUIT #	LOCATION (ASSOC. POLE NO.) MANHOLES Involved	LIC. NO. & DATE	UNAUTHORIZED ATTACHMENT	DATE FAC. RMVD. OR MODIFIED
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

**SKETCH OF
UNAUTHORIZED
ATTACHMENTS
ATTACHED ☐**

Date Notification Sent: _____

Name of Applicant

By: _____

Title: _____

ATTACHMENT 14: PERMANENT NUMBER PORTABILITY

1. PROVISION OF LOCAL NUMBER PORTABILITY

- 1.1 AT&T and CLEC shall provide to each other, on a reciprocal basis, number portability in accordance with requirements of the Act.

2. LOCATION ROUTING NUMBER - PERMANENT NUMBER PORTABILITY (LRN-PNP)

- 2.1 AT&T and CLEC shall work to implement the LRN-PNP solution in accordance with the relevant FCC rulings and NANC (North American Numbering Council) guidelines.

2.2 Requirements for LRN-PNP

- 2.2.1 The Parties agree that the industry has established local routing number (LRN) technology as the method by which permanent number portability (PNP) will be provided in response to FCC Orders in FCC 95-116 (i.e., First Report and Order and subsequent Orders issued to the date this agreement was signed). As such, the parties agree to provide PNP via LRN to each other as required by such FCC Orders or Industry agreed upon practices.

- 2.2.2 LRN-PNP employs an "N-1" Query Methodology.

- 2.2.2.1 For interLATA or intraLATA toll calls, the originating carrier will pass the call to the appropriate toll carrier who will perform a query to an LNP database and efficiently route the call to the appropriate terminating local carrier either directly or through an access tandem office. Where one carrier is the originating local service provider (LSP) and the other is the designated toll carrier, the originating LSP will not query toll calls delivered to the toll carrier or charge the toll carrier for such queries.

- 2.2.2.2 For a local call to a ported number, the originating carrier is the "N-1" carrier. It will perform an external database query and pass the call to the appropriate terminating carrier.

- 2.2.3 For local calls to an NXX in which at least one number has been ported via LRN-PNP, the Party originating the call shall be responsible to query an LRN-PNP database or to pay for another Party to query this database as soon as the call reaches the first LRN-PNP-capable switch in the call path. The Party originating the call shall query on a local call to an NXX in which at least one number has been ported via LRN-PNP prior to any attempts to route the call to any other switch. Prior to the first number in an NXX being ported via LRN-PNP, AT&T may query all calls directed to that NXX, subject to the billing provisions of Section 4.1, and provided that AT&T'S queries shall not adversely affect the quality of service to CLEC's customers or end-users as compared to the service AT&T provides its own customers and end-users.

- 2.2.4 A Party shall be charged for an LRN-PNP query by the other Party only if the Party to be charged is the N-1 carrier and it was obligated to perform the LRN-PNP query but failed to do so. The only exception will be if the FCC rules (Docket No. 95-116) that the terminating carrier may charge the N-1 carrier for queries initiated before the first number is ported in an NXX.

- 2.2.5 On calls originating from a Party's network, the Party will populate, if technically feasible, the Jurisdiction Information Parameter (JIP) with the first six digits of the originating LRN in the Initial Address Message.

2.3 SMS Administration

- AT&T and CLEC shall cooperate to facilitate the expeditious deployment of LRN-PNP based LNP through the process prescribed in the documents referenced in Section 2.1.1 of this Attachment including, but not limited to development of SMS, as well as SMS testing for effective procedures,

electronic system interfaces, and overall readiness for use consistent with that specified for Provisioning in this Agreement.

2.4 Ordering

- 2.4.1 Porting of numbers with PNP will be initiated via Local Service Requests (LSR) based on Ordering and Billing Forum (OBF) recommendations.
- 2.4.2 Both Parties agree to provide a Firm Order Confirmation (FOC) within Industry defined time frames when an LSR is sent to one Party by the other Party
- 2.4.3 For the purposes of this Attachment, the parties may use a project management approach for the implementation of LSRs for large quantities of ported numbers or for complex porting processes. With regard to such managed projects ("projects"), the parties may negotiate implementation details such as, but not limited to: Due Date, Cutover Intervals and Times, Coordination of Technical Resources, and Completion Notice.

3. REQUIREMENTS FOR PNP

3.1 Cut-Over Process

- 3.1.1 AT&T and CLEC shall cooperate in the process of porting numbers to minimize ported subscriber out-of-service time. For cutover to LRN-PNP, both AT&T and CLEC agree to update their switch translations, where necessary, after notification that physical cut-over has been completed (or initiated), as close to the requested time as possible, not to exceed 59 minutes for non-coordinated orders or as otherwise agreed to by the parties for coordinated orders or on a project specific basis.
- 3.1.2 AT&T and CLEC shall cooperate in the process of porting numbers from one carrier to another so as to limit service outage for the ported subscriber. AT&T and CLEC will use their best efforts to update their respective Local Service Management Systems (LSMS) from the NPAC SMS data within 15 minutes after receipt of a download from the NPAC SMS (the current North American Numbering Council goal for such updating).
- 3.1.3 If a Party, by its own error, disconnects the end user, that Party may not assess fees on the other Party or assess a charge to the end user to reconnect service.
- 3.1.4 At the time of porting a number via LRN-PNP, the Party from which the number is being ported shall insure that the LIDB entry for that number is deprovisioned.
- 3.1.5 The Parties will remove (as close to the requested time as possible, not to exceed 59 minutes for non-coordinated orders or as otherwise agreed to by the parties for coordinated orders or on a project specific basis.) a ported number from the end office from which the number is being ported, as coordinated by the Parties' respective technicians. The 59 minute period shall commence upon the Frame Due Time (FDT) shown on the receiving party's LSR, or as otherwise negotiated by the parties on a project basis, unless the unconditional PNP (10-digit) trigger is set. The parties recognize that it is in the best interest of the consumer for this removal to be completed in the most expedient manner possible. Therefore, AT&T and CLEC agree that a 30 minute interval is a goal towards which both companies will work, however both CLEC and AT&T recognize that there will be instances where the interval may be up to 59 minutes. If the unconditional PNP trigger is set, the ported number must be removed at the same time that the unconditional PNP trigger is remove
- 3.1.6 The Party from whom a number is porting will set the 10-digit trigger at the other Party's request, either on an individual customer basis or for all customers, at the option of the requesting Party.

3.2 Obligations of Parties

3.2.1 When CLEC requests that an NXX in an LRN capable AT&T switch become portable, the Parties shall follow the industry standard LERG procedure.

3.2.2 The Parties shall adhere to AT&T Local Service Request (LSR) format and PNP due date intervals.

3.3 If Integrated Services Digital Network User Part (ISUP) signaling is used, both parties shall provide, if technically feasible, the Jurisdiction Information Parameter (JIP) in the SS7 Initial Address Message (IAM). (See Generic Switching and Signaling Requirements for Number Portability, Issue 1.0, February 12, 1996 [Editor – Lucent Technologies, Inc.])

3.4 Limitations of Service

3.4.1 Neither Party shall be required to provide number portability for excluded numbers defined by FCC orders, as updated from time to time, e.g., 500 NPAs, 900 NPAs, 950 and 976 NXX number services, OCS NXXs (i.e., numbers used internally by either Party for its business purposes), and others as excluded by FCC rulings issued from time to time) under this Agreement. The term "Official Communications Service (OCS)" means the internal telephone numbers used by AT&T or CLEC.

3.4.2 Telephone numbers can be ported as a basic network offering only within AT&T rate centers as approved by the State Commission. "Porting within rate centers" refers to the physical location of the end user. If the end user changes his physical location from one rate center to another, he may not retain his telephone number (which indicates the old rate center) as a basic network (non FX) offering. An end user may retain his phone number assignment when moving from one rate center to another by receiving tariffed FX service from his new service provider or by the use of a Tariffed "Remote Call Forwarding" offering from his new service provider. The term "FX" in this attachment refers to number assignments and moves outside of rate centers, and is different from the term "FX" in the Compensation attachment which refers number assignments and moves outside of a mandatory local calling area.

3.5 Mass Calling

3.5.1 Both AT&T and CLEC are required to offer number portability of telephone numbers with "choke" (i.e., mass calling) NXXs in a manner that complies with the FCC's criteria.

3.5.2 AT&T will provide mass calling code portability using a non-LRN solution as specified below.

3.5.3 Service Provided

3.5.3.1 AT&T will offer the ability to port telephone numbers with mass calling NXX codes via the use of pseudo codes or route index numbers. In this non-LRN scenario, calls to the AT&T mass calling NXX code will leave the originating end office over dedicated MF (multi-frequency) trunk groups to the AT&T mass calling tandem mass calling hub. The mass calling tandem will then route the calls over dedicated MF trunks to the AT&T choke serving central office (CSO). The CSO will translate the dialed mass calling number to a non-dialable pseudo code or a route index number that routes the call to the mass calling customer.

3.5.3.2 When a CLEC requests that an AT&T number with a mass calling NXX code be ported to its network, AT&T will build translations at the CSO to route the incoming calls to a CLEC provided dedicated Direct Inward Dial (DID) MF trunk group from the CSO to the CLEC central office.

3.5.3.3 AT&T will not charge the CLEC for the use of its choke network by the CLEC's mass calling customer. In exchange, AT&T shall not be responsible to pay intercompany terminating compensation for terminating minutes of use (MOU) for ported choke calls.

3.5.4 Intentionally Omitted.

3.5.5 Obligations of CLEC

3.5.5.1 CLEC shall agree to adhere to AT&T LSR format and mass calling due date intervals.

3.5.5.2 The CLEC shall provide the facility and DID trunk group from the AT&T CSO to the CLEC's serving office. The CLEC shall size this one-way MF trunk group.

3.5.5.3 The CLEC shall forego any inter-company terminating MOU compensation for termination calls coming in on this trunk group.

3.5.6 CLEC Mass Calling Codes

3.5.6.1 Should the CLEC assign a mass calling NXX code(s) and establish a mass calling interface for traffic destined to its CSO(s), the CLEC shall home its CSO(s) on a AT&T mass calling tandem and a similar mass calling trunking arrangement (one-way outgoing with MF signaling) will be provided from AT&T tandem and/or mass calling hub to the CLEC. In order to allow the Parties time to order and install such mass calling trunks, the CLEC shall provide AT&T notification of its intention to deploy mass calling NXX code(s) at least ninety (90) days before such codes are opened in the LERG. For more information regarding this mass local interconnection trunk group, See Appendix ITR.

3.5.6.2 MF and SS7 trunk groups shall not be provided within a DS1 facility. A separate DS1 facility per signaling type must be used. Where AT&T and CLEC both provide mass calling trunking, both Parties' mass calling trunks may ride the same DS1 facility

3.6 Intentionally Left Blank.

3.7 Porting of DID Block Numbers

3.7.1 AT&T and CLEC shall offer number portability to customers for any portion of an existing DID block without being required to port the entire block of DID numbers.

3.7.2 AT&T and CLEC shall permit customers who port a portion of DID numbers to retain DID service on the remaining portion of the DID numbers, provided such is consistent with applicable tariffs; provided that the parties agree that nothing herein shall be deemed a waiver or estoppel of CLEC's positions that: (1) AT&T should permit customers who port a portion of a DID block to retain DID service on the remaining portion of the DID block; and (2) that AT&T should offer customers who port a portion of a DID block a discount that is proportional to the amount of the DID block that has been ported, nor shall CLEC be prejudiced in any present or future proceedings from asserting said positions.

4. PRICING

4.1 The Parties agree that FCC approved rates for Service Provider Number Portability (SPNP) are found in FCC No. 2 Access Services Tariff. These rates define terms under which SPNP Query Service, SPNP Query Service-Database, and Basic SPNP Service are offered.

4.2 When a CLEC orders Order Coordination service, AT&T shall charge and the CLEC agrees to pay for service at the "additional time and material" rates set forth in the Pricing Schedule.

4.2.1 Order Coordination is an option service that permits the CLEC to request AT&T to hold translations in the donor switch until the CLEC gives verbal instruction to implement the porting.

ATTACHMENT 15: E911

TERMS AND CONDITIONS FOR PROVIDING CONNECTION TO E911 UNIVERSAL EMERGENCY NUMBER SERVICE

This Attachment 15: E911 sets forth the terms and conditions under which AT&T will provide the connection between CLEC's local switch and E911 Universal Emergency Number Service.

1. DEFINITIONS

As used herein and for the purposes of this Attachment the following terms will have the meanings set forth below:

- 1.1 "911 Trunk" means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.
- 1.2 "Automatic Location Identification" or "ALI" means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.
- 1.3 "Automatic Number Identification" (ANI) or "Calling Party Number" (CPN) allows for identification of the telephone number that originates a call. In some instances, the station number of the calling party is not identified using ANI or CPN, in these instances the Calling Party will be identified by using a billing telephone number.
- 1.4 "Company Identifier" or "Company ID" means a three to five (3 to 5) character identifier chosen by the Local Exchange Carrier that distinguishes the entity providing dial tone to the end user. The Company Identifier is maintained by NENA in a nationally accessible database.
- 1.5 "Database Management System" or "DBMS" means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.
- 1.6 E911 Customer - A municipality or other state or local governmental unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at the minimum, for emergency police and fire service through the use of one telephone number, 911.
- 1.7 "E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service") or "E911 Service" means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).
- 1.8 "Emergency Services" means police, fire, ambulance, rescue, and medical services.
- 1.9 "Emergency Service Number" or "ESN" means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency (ies).
- 1.10 "National Emergency Number Association" or "NENA" means the National Emergency Number Association is a not-for-profit corporation established in 1982 to further the goal of "One Nation-One Number". NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set standards

and provide certification programs, legislative representation and technical assistance for implementing and managing 911 systems.

- 1.11 Public Safety Answering Point (PSAP) - An answering location for 911 calls originating in a given area. The E911 customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs respond first, secondary PSAPs receive calls on a transfer basis only. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.
- 1.12 "Selective Routing" and "Selective Router" or "SR" means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.
- 1.13 ALI Database - A database which stores information associated with end user customers' telephone numbers.
- 1.14 Centralized Automatic Message Accounting (CAMA) Trunk - A trunk capable of transmitting Automatic Number Identification associated with E911 customer calls from a switch to the E911 Network.

2. AT&T OKLAHOMA RESPONSIBILITIES

- 2.1 AT&T will provide and maintain such equipment at the E911 SR and the DBMS as is necessary to perform the E911 services set forth herein when AT&T is the 911 Service Provider. AT&T shall provide 911 Service to CLEC as described in this section in a particular Rate Center in which CLEC is authorized to provide local telephone exchange service and AT&T is the 911 Service Provider. This shall include the following:
 - 2.2 Call Routing
 - 2.2.1 AT&T will switch 911 calls through the SR to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.
 - 2.2.2 AT&T will forward the calling party number (ANI) it receives from CLEC and the associated 911 Automatic Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, AT&T will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ALI record is found in the E911 DBMS, AT&T will report this "No Record Found" condition to the CLEC in accordance with NENA standards.
 - 2.3 Facilities and Trunking
 - 2.3.1 AT&T shall provide and maintain sufficient dedicated E911 trunks from the AT&T SR to the PSAP of the E911 Customer, according to provisions of the Public Utilities Commission of Ohio-approved tariff, and documented specifications of the E911 Customer.
 - 2.3.2 AT&T will provide facilities to interconnect the CLEC, as specified in the State Access Tariff. CLEC has the option to secure interconnection facilities from another provider or provide such interconnection using their own facilities.
 - 2.3.3 Upon written request by CLEC, AT&T shall, in a timely fashion and at no charge, provide CLEC with a description of the geographic area (or Rate Center) and PSAPs served by the E911 SR based upon the standards set forth in the May 1997 NENA Recommended Standards for Local Service Provider Interconnection Information Sharing, or any subsequent revision(s) thereto.
 - 2.3.4 AT&T and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the AT&T SR(s) in accordance with industry standards.
 - 2.4 Database
 - 2.4.1 Where AT&T manages the E911 database, AT&T shall store the CLEC's end user 911 Records [that is, the name, address, and associated telephone number(s) for each of CLEC's end users served by CLEC's exchange(s)] in the electronic data processing database for the E911 DBMS. CLEC or its representative(s) is responsible for electronically providing end user 911 Records and updating this information.

- 2.4.2 AT&T shall coordinate access to the AT&T E911 DBMS for the initial loading and updating of CLEC end user 911 Records.
- 2.4.3 AT&T ALI database shall accept electronically transmitted files that are based upon NENA standards. Manual entry shall be allowed only in the event that DBMS is not functioning properly.
- 2.4.4 AT&T will update CLEC's end user 911 Records in the E911 DBMS, at no charge to CLEC, if CLEC uses AT&T's E911 Gateway to maintain the CLEC's end user records. AT&T will then provide CLEC an error and status report. This report will be provided in a timely fashion and in accordance with the methods and procedures described in the documentation to be provided to the CLEC.
- 2.4.5 Where AT&T manages the DBMS, AT&T shall provide the CLEC with a file containing the Master Street Address Guide (MSAG) for the CLEC's respective exchanges or communities. The MSAG will be provided on a routine basis but only for those areas where CLEC is authorized to do business as a local exchange service provider.
- 2.4.6 Where AT&T manages the DBMS, AT&T shall establish a process for the management of NPA splits by populating the DBMS with the appropriate NPA codes.

3. CLEC RESPONSIBILITIES

3.1 Call Routing

- 3.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the AT&T SR office of the E911 system, where AT&T is the 911 Service Provider.
- 3.1.2. CLEC will forward the ANI information of the party calling 911 to the AT&T 911 Selective Router.

3.2 Facilities and Trunking

- 3.2.1 CLEC shall provide interconnection at each appropriate AT&T 911 Selective Router that serves each exchange area in which CLEC is authorized to and will provide telephone exchange service.
- 3.2.2 CLEC acknowledges that its end users in a single local calling scope may be served by different SRs and CLEC shall be responsible for providing facilities to route 911 calls from its end users to the proper E911 SR.
- 3.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls to each AT&T 911 Selective Router, where applicable. Where SS7 connectivity is available and required by the applicable E911 Customer, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.
- 3.2.4 CLEC shall maintain transport capacity sufficient to route traffic over trunks between the CLEC switch and the AT&T SR.
- 3.2.5 CLEC shall provide sufficient trunking and facilities to route CLEC's originating 911 calls to the designated AT&T 911 SR. CLEC is responsible for requesting that trunking and facilities be routed diversely for 911 connectivity.
- 3.2.6 CLEC is responsible for determining the proper quantity of trunks and facilities from its switch(es) to the AT&T 911 SR.
- 3.2.7 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the time consistent "busy season/busy hour" twenty (20) day averaged loads applied to industry standard Neal-Wilkinson Trunk Group algorithms (using Medium day-to-day Variation and 1.0 Peakedness factor), criteria or, if higher, at such other minimum grade of service as required by Applicable Law or duly authorized Governmental Authority.
- 3.2.8 CLEC shall monitor its 911 circuits for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional circuits are needed to meet the current level of 911 call volumes, CLEC shall request additional circuits from AT&T.

- 3.2.9 CLEC will cooperate with AT&T to promptly test all 911 trunks and facilities between CLEC's network and the AT&T 911 Selective Router(s), in accordance with industry standards, to assure proper functioning of 911 service. CLEC agrees that it will not pass live 911 traffic until successful testing is completed by both parties.
- 3.2.10 CLEC is responsible for the isolation, coordination and restoration of all 911 network maintenance problems to CLEC's demarcation (for example, collocation). AT&T will be responsible for the coordination and restoration of all 911 network maintenance problems beyond the demarcation (for example, collocation). CLEC is responsible for advising AT&T of the circuit identification and the fact that the circuit is a 911 circuit when notifying AT&T of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. AT&T will refer network trouble to CLEC if no defect is found in AT&T's 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.

3.3 Database

- 3.3.1 Once E911 trunking has been established and tested between CLEC's End Office and all appropriate SR, CLEC or its representatives shall be responsible for providing CLEC's end user 911 Records to AT&T for inclusion in AT&T's DBMS on a timely basis. AT&T and CLEC shall arrange for the automated input and periodic updating of CLEC's end user 911 Records.
- 3.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's end user 911 Records that are MSAG-valid in electronic format based upon established NENA standards.
- 3.3.3 CLEC shall adopt use of a Company ID on all CLEC end user 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.
- 3.3.4 CLEC is responsible for providing AT&T updates to the ALI database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the AT&T 911 DBMS.
- 3.3.5 CLEC shall be solely responsible for providing test records and conducting call-through testing on all new exchanges.

3.4 Other

- 3.4.1 CLEC is responsible for collecting from its retail end users and remitting to the appropriate municipality or other governmental entity any applicable 911 surcharges assessed on the local service provider and/or retail end users by any municipality or other governmental entity within whose boundaries the CLEC provides local exchange service.

4. INTENTIONALLY LEFT BLANK

5. RESPONSIBILITIES OF BOTH PARTIES

- 5.1 The Parties shall jointly coordinate the provisioning of transport capacity sufficient to route originating 911 calls from CLEC to the designated AT&T 911 Selective Router(s).

6. METHODS AND PRACTICES

- 6.1 With respect to all matters covered by this Attachment, each Party will comply with all of the following to the extent that they apply to E911 Service: (i) all FCC and applicable state Commission rules and regulations, (ii) any requirements imposed by any Governmental Authority other than a Commission, and (iii) the principles expressed in the recommended standards published by NENA.

7. CONTINGENCY

- 7.1 The terms and conditions of this Attachment represent a negotiated plan for providing E911 Service.
- 7.2 The Parties agree that the E911 service is provided for the use of the E911 customer, and recognize the authority of the E911 Customer to establish service specifications and service configurations offered by AT&T and CLEC.

7.3 Intentionally Left Blank.

8. BASIS OF COMPENSATION

8.1 Compensation to AT&T for provision of connection to E911 service provided hereunder will be based upon the charges set forth in the applicable Pricing Schedule or applicable Commission approved AT&T access tariff.

8.2 Charges will begin on the date connection to E911 service commences.

9. MONTHLY BILLING

9.1 AT&T will render to CLEC monthly statements. Payment will be made in accordance with the General Terms and Conditions of this Agreement, including Section 3: Assurance of Payment, Section 9: Payment of Rates and Charges and Section 13: Dispute Resolution including the provisions governing resolution of billing disputes.

10. LIABILITY

10.1 Indemnification and limitation of liability provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

ATTACHMENT 16: NETWORK SECURITY AND LAW ENFORCEMENT

This Attachment 16: Network Security and Law Enforcement to the Agreement sets forth terms and conditions concerning certain Network Security and Law Enforcement requirements.

1. PROTECTION OF SERVICE AND PROPERTY

- 1.1 The Parties will exercise due care to prevent harm or damage to their respective employees, agents or customers, or their property. The Parties' employees, agents, or representatives agree to take reasonable and prudent steps to ensure the adequate protection of their respective property and services. In recognition of its obligation under this attachment, AT&T agrees to take the following reasonable and prudent steps, including but not limited to:
 - 1.2 Restricting access to CLEC equipment, support equipment, systems, tools and data, or spaces which contain or house CLEC equipment to the extent AT&T provides this protection to its own facilities. AT&T will provide access to CLEC employees and its agents based on CLEC providing a list of authorized personnel. If escorted, CLEC employees and authorized agents must present identification required by AT&T.
 - 1.3 AT&T will follow mutually agreed upon notification procedures in the event it becomes necessary for a AT&T employee to enter into the exclusive CLEC collocated space except in an emergency situation in which AT&T will immediately have the ability to enter into CLEC's collocated space, if necessary. If AT&T enters CLEC's space without first notifying CLEC, it will notify the CLEC as soon as possible thereafter.
 - 1.4 Complying at all times with mutually agreed to CLEC security and safety procedures and requirements, including but not limited to sign in, identification, and escort requirements while in spaces which house or contain CLEC equipment or equipment enclosures.
 - 1.5 Allowing CLEC to inspect or observe spaces which house or contain CLEC's equipment or equipment enclosures after such time as AT&T has turned over the collocation area to CLEC and to furnish CLEC with all keys, entry codes, lock combinations, or other materials or information which may be needed to gain entry into any secured CLEC space.
 - 1.6 Provide card access, coded locks or keyed locks providing security to the exclusive CLEC collocated space that is unique to that space.
 - 1.7 Ensuring that the area which houses CLEC's equipment is adequately secured to prevent unauthorized entry to the same level as AT&T provides to itself.
 - 1.8 Limiting the keys used in AT&T's keying systems for cages which contain or house CLEC's equipment or equipment enclosures to AT&T's employees for required access only. Any access required other than emergency will be coordinated with CLEC to allow escort opportunity. AT&T will change locks at CLEC's request and expense where a security breach is known or suspected and the breach is not caused by AT&T.
 - 1.9 Where CLEC requests these specifications and is amenable to funding said custom work, installing security studs in the hinge plates of doors having exposed hinges with removable pins if such leads to spaces which contain or house CLEC equipment or equipment enclosures.
 - 1.10 Controlling unauthorized access from passenger and freight elevators by continuous surveillance or by installing security partitions, security grills, locked gates or doors between elevator lobbies and spaces which contain or house CLEC equipment or equipment enclosures.
 - 1.11 Providing prompt notification to designated CLEC personnel to indicate an actual or attempted security breach of which AT&T is aware.

1.12 CLEC and AT&T further agree to:

1.12.1 Providing a mutually acceptable back-up and recovery plan to be used in the event of a security system failure or emergency.

1.12.2 Installing Controls:

- to disconnect a user for a pre-determined period of inactivity on authorized ports;
- to protect customer proprietary information; and,
- to databases to ensure both ongoing operational and update integrity.

1.12.3 Logical Security

- assuring that all approved system and modem access be secured through security servers. Access to or connection with a network element will be established through a secure network or security gateway.
- agreeing to comply with AT&T Corporate Security Instruction 3.03 "Computer Security Requirements," March 1993, and AT&T Network Security Requirements 4.0, March 1996.

2. REVENUE PROTECTION

2.1 AT&T will make available to CLEC to the extent that AT&T provides to itself or any LSP all present and future fraud prevention or revenue protection features, including prevention, detection, or control functionality embedded within any of the network elements. These features include, but are not limited to, screening codes and call blocking of international, 900 and 976 numbers.

2.2 AT&T will provide to CLEC the same procedures to detect and correct the accidental or malicious alteration of software underlying Network Elements or their subtending operational support systems by unauthorized third parties in the same manner it does so for itself.

2.3 AT&T will make a reasonable effort to protect and correct against unauthorized physical attachment to loop facilities from the Main Distribution Frame up to and including the Network Interface Device, including clip-on fraud.

3. LAW ENFORCEMENT INTERFACE

3.1 AT&T will provide five (5) day a week 8:00 a.m. to 5:00 p.m. installation and information retrieval pertaining to lawful, manual traps and information retrieval on customer invoked CLASS services pertaining to non-emergency calls such as annoyance calls. AT&T will provide assistance twenty-four (24) hours per day for situations involving immediate threat to life or at the request of law enforcement officials. AT&T will provide a twenty-four (24) hour contact number to administer this process.

ATTACHMENT 17: PERFORMANCE MEASUREMENTS

- 1.0 The Performance Measurements Plans most recently approved, adopted or ordered by the respective Commission in the state 271 successor Agreement (X2A) proceedings are incorporated herein. Any subsequent Commission-ordered additions, modifications and/or deletions to such plans (and supporting documents), to which the Parties have agreed, shall be automatically incorporated into this Agreement by reference in the first full month following the effective date of the Commission order.

ATTACHMENT 18: DIRECTORY ASSISTANCE LISTING INFORMATION

This Attachment 18: Directory Assistance Listing (DAL) sets forth terms and conditions for which the applicable AT&T ("AT&T") agrees to license its Directory Assistance Listing Information to CLEC.

1. INTRODUCTION

- 1.1 AT&T owns and maintains databases containing directory assistance subscriber listing information (name, address and published telephone number or an indication of non-published or non-list status).
- 1.2 Currently, AT&T uses the directory assistance subscriber listing information in its databases to provide directory assistance (DA) service to individuals who call AT&T's DA office to obtain such information.
- 1.3 CLEC, or its agent, wishes to provide DA service to CLEC's retail end users, and therefore, wishes to load its database with directory assistance listings contained in AT&T's DA database.
- 1.4 Inasmuch as AT&T provides DA service under contract for Independent Local Exchange Carriers (ILECs) and Competitive Local Exchange Carriers, (CLECs), AT&T's database also contains directory assistance listing information for other ILEC and CLEC retail end users.

2. SERVICE PROVIDED

- 2.1 AT&T agrees to license requested directory assistance listing information contained in its database, under the following terms and conditions:
 - 2.1.1 AT&T shall provide directory assistance listing information in a mutually acceptable format.
 - 2.1.2 AT&T shall provide directory assistance listing information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, AT&T will provide to CLEC the initial load of directory assistance listing information in a mutually agreed upon timeframe.
- 2.2 In the event a telephone service subscriber has a "non-published" listing and such listing has been provided to AT&T for inclusion in its database, a "non-published" classification will be identified in lieu of the telephone number information and will be considered part of the Listing Information. The last name, first name, street number, street name, community and zip code will be provided as part of the Listing Information. The information provided for non-published customers can only be used for two purposes. First, the non-published status may be added to the listing in CLEC's database for the sole purpose of adding/correcting the non-published status of the listings in the database. Second, addresses for non-published customers may be used for verification purposes. If a caller provides the address for a requested listing, CLEC may verify the listing by matching the caller-provided address with the address in CLEC's dates. CLEC may not provide the address information of a requested listing of a non-published subscriber to a caller under any circumstances. CLEC can notify the customer that the requested listing is non-published.
- 2.3 Compensation for the exchange of directory listing information of underlying carriers will be negotiated between the requesting party and such underlying carriers.

3. USE OF SUBSCRIBER LISTING INFORMATION

- 3.1 CLEC is authorized to use the subscriber listing information provided under this Attachment for any lawful Telecommunications Service. CLEC may use the directory assistance listing information licensed and provided pursuant to this Attachment in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or court regarding the use of directory assistance listings.

- 3.2 Upon termination of this Agreement, the Parties will cease using, for any purpose whatsoever, the subscriber listing information provided hereunder.
- 3.3 Emergency Notification for Non-Published Telephone Numbers – AT&T shall provide for Emergency Notification for Non-Published Telephone Numbers (hereinafter, "ENNP Service"), whereby any retail end user with a non-published listing in AT&T's DA database, including third party CLEC non-published listings that have been provided to AT&T for inclusion in its database, will be notified that a CLEC retail end user is attempting to contact the non-published party in the event of an emergency.
 - 3.3.1 If a CLEC operator receives a request for a non-published listing and the calling party identifies an emergency situation, the CLEC operator will take the calling party's information and relay it to an AT&T operator via a pre-designated contact number.
 - 3.3.2 AT&T will verify the listing of the non-published party at the time the CLEC operator requests service. AT&T will attempt to contact the non-published party within 5 minutes. If no contact is made, (i.e., no answer and if no message can be left), the AT&T operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, AT&T will leave the contact information.
 - 3.3.3 AT&T will contact the CLEC operator as to the status of notification: whether the message was delivered, left on voice mail or answering machine, or whether the non-published party could not be contacted.
 - 3.3.4 Only calls identified as an emergency will be forwarded to AT&T for ENNP Service; however, the identification of such emergency will be left to the discretion of CLEC and its operators.

4. ASSIGNMENT

- 4.1 The directory assistance listings provided by AT&T shall remain the property of AT&T. CLEC, or its third-party DA provider/agent, shall take appropriate measures at least equal to the measures CLEC uses for its own listings to guard against any unauthorized use of the listings provided to it hereunder.

5. SUBCONTRACTING OF DIRECTORY ASSISTANCE SUBSCRIBER LISTINGS

- 5.1 If CLEC elects to use a subcontractor for the DA services, CLEC may transfer the directory service subscriber listing information to its DA subcontractor in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of directory assistance listings. The provision of directory assistance subscriber listing information to a subcontractor by either Party is subject to the Confidentiality and Proprietary Information provision contained in the General Terms and Conditions Section of this Agreement.

6. TERM OF APPENDIX

- 6.1 AT&T will commence providing subscriber listing information to CLEC as described in this Attachment sixty (60) days following the receipt of a written request from the CLEC and thereafter continue in force until terminated upon receipt of one hundred twenty (120) days prior written notice from the other as long as this Agreement remains in effect.

7. LIABILITY

- 7.1 AT&T will use commercially reasonable efforts to ensure the accuracy of the directory assistance listing information provided to CLEC. AT&T makes no express or implied warranties whatsoever, including but not limited to warranties for merchantability or fitness for a particular purpose, regarding the accuracy of the directory assistance listing information provided to CLEC. CLEC agrees to accept the directory assistance listing information on an "as-is" basis with all faults, errors and omissions, if any.
- 7.2 Indemnification and limitation of liability provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

8. PRICING

- 8.1 The prices at which AT&T agrees to provide CLEC with Directory Assistance Listing (DAL) are contained in the applicable Pricing Schedule.

ATTACHMENT 19: WHITE PAGES - OTHER (WP-O)

This Attachment 19: White Pages-Other (WP-O), to the Agreement sets forth AT&T's and CLEC's agreement to the following terms and conditions for the printing and distribution of White Pages directories in facilities based as well as unbundled Network Elements environments.

1. INTRODUCTION

- 1.1 AT&T publishes White Pages directories for geographic local service areas in which CLEC provides local exchange telephone service in the same area(s), and CLEC wishes to include listings information for its customers in the appropriate AT&T White Pages directories.
- 1.2 CLEC also desires distribution to CLEC's Customers of the White Pages directories that include listings of CLEC's customers.
- 1.3 AT&T will make available to CLEC, for CLEC Customers, non-discriminatory access to White Pages directory listings, as described in Section 2 of this Attachment.

2. SERVICE PROVIDED

- 2.1 Subject to Applicable Law and any publishing company requirements regarding the provision of White Page directories, AT&T will include in appropriate White Pages directories the primary alphabetical listings of all CLEC end users located within the local directory scope. The rules, regulations and publishing company requirements are subject to change from time to time. When CLEC provides its subscriber listing information to AT&T's listings database, CLEC will receive for its retail end users one primary listing in AT&T's White Pages directory and a listing in AT&T's directory assistance database.
 - 2.1.1 Where a CLEC retail end user requires foreign, enhanced or other listings in addition to the primary listing to appear in the White Pages directory, AT&T will assess CLEC a monthly charge for such listings at AT&T tariff rates. An additional monthly charge at AT&T's tariff rate applies when CLEC wishes to list a retail end user in AT&T's Directory Assistance database but does not wish to have its retail end user listed in AT&T's White Pages directory. In addition, CLEC may elect to have its retail end user unlisted and the listing not published in AT&T's White Pages directory for a monthly charge at AT&T's tariff rate Resale Rates for those non-published, non-listed services. CLEC reserves the right to withhold directory listing information from AT&T for non-published telephone numbers that would otherwise be included in AT&T's directory listings database. Should CLEC exercise its right to withhold such directory listing information, CLEC understands that: (A) AT&T's Emergency Notification for Non-Published Telephone Numbers will not be operable for such listings, and (B) AT&T cannot guarantee that CLEC's end users whose listings are withheld will receive annual white pages directories.
 - 2.1.1.1 Intentionally Left Blank
- 2.2 CLEC will furnish to AT&T subscriber listing information pertaining to CLEC end users located within the local directory scope, along with such additional information as AT&T may require to prepare and print the alphabetical listings of said directory
- 2.3 CLEC will provide its subscriber listing information of its subscribers to AT&T via a mechanical or manual feed of the directory listing information to AT&T's Directory Listing database. AT&T will accept listing information from CLEC according to the manual and mechanized listing methods, procedures, and ordering instructions provided via the CLEC Online web site. CLEC agrees to submit all listing information via only a mechanized process within six (6) months of the effective date of this Attachment, or upon CLEC reaching a volume of two hundred listing updates per day, whichever comes first. Notwithstanding the foregoing, CLEC may continue to manually submit directory listing information for complex caption sets with two (2) or greater degrees of indent. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates.

CLEC's subscriber listings will be interfiled (interspersed) in the directory among AT&T's subscriber listing information. CLEC will submit listing information within three (3) Business Days of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the Directory Assistance database or the directory listing of a retail end user. AT&T shall process CLEC orders for updates to subscriber listing information within three (3) Business Days of receipt. CLEC must submit all listing information intended for publication by the directory close date.

- 2.4 AT&T will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the AT&T CLEC Online website. Upon request, AT&T will provide daily electronic directory listing verification via AT&T's White Page listing systems at no charge to CLEC. Each report will reflect CLEC subscriber directory listings successfully process on the previous workday. Information for directory listing verification is located on the AT&T CLEC Online website.
 - 2.4.1 In addition, at least sixty (60) calendar days prior to the business office close date for a particular directory, AT&T will provide CLEC, upon request, an electronic verification report, in directory appearance format, of all subscriber listings, containing the listing information that will appear in the directory. CLEC will make its request for this report at least eighty (80) days prior to the Business Office Close Date for a particular directory. AT&T will accept standing requests for this report on those White Page directories specified by CLEC.
 - 2.4.2 A CLEC specific directory listing verification list, in a fielded data validation format, also is available upon request by the CLEC at least eighty (80) days prior to the Business Office Close Date for a particular directory. This listing shall contain only CLEC's subscribers, and shall be in electronic delimited text format or equivalent format that may be electronically searched and sorted. CLEC will review this electronic verification list and will submit any necessary additions, deletions or modifications to AT&T via the appropriate directory listing correction process no less than thirty (30) days prior to the AT&T Business Office Close date for that directory, provided that AT&T made the electronic verification list available to CLEC in a timely manner as specified above.
- 2.5 Publication schedules for the White Pages: CLEC can access, via the AT&T CLEC Online website, the directory close dates for areas where CLEC is providing local service. AT&T will provide directory schedule updates, including the directory schedule for a new calendar year, within fourteen (14) calendar days of the publisher's notification to AT&T of the schedule or update, but not later than thirty (30) calendar days prior such changes becoming effective.
- 2.6 Each CLEC subscriber will receive one copy per primary retail end user listing, as provided by CLEC, of AT&T's White Pages directory in the same manner and at the same time that they are delivered to AT&T subscribers during the annual delivery of newly published directories.
 - 2.6.1 AT&T will deliver one copy per primary retail end user listing of AT&T's White Pages, as described in Section 2.6 above, at no charge. AT&T has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's retail end users subsequent to the annual distribution of newly published directories. CLEC may arrange for additional directory distribution services with AT&T's directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.
- 2.7 At its option, CLEC may purchase one (1) information page (Customer Guide Pages) in the informational section of the AT&T White Pages directory covering the geographic area(s) it is serving. This page will be in alphabetical order with other local service providers and will be no different in style, size, color and format than AT&T information pages. Sixty (60) calendar days prior to the directory close date, CLEC will provide to AT&T the information page(s) in camera ready format. AT&T will have the right to approve, and, with CLEC's agreement, AT&T may, but is not required to, revise the format and content of such information page. See Appendix Pricing, Schedule of Prices, for rates associated with the Information Page.

- 2.8 AT&T will include CLEC specific information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" information page, in alphabetical order along with other local service providers, at no charge. The space available to CLEC on such page will be a minimum size of: 4 column directories = 1 ½" by 3 1/8", 3 column directories = 2" by 3", 2 column directories = 1 1/5" by 2 1/5" or the equivalent size as other local service providers listed in the same section. In order to have such information published, sixty (60) calendar days prior to directory close date CLEC will provide AT&T the information, including CLEC's logo, to be published on the information page according to the instructions provided on AT&T CLEC Online website. Any changes to these instructions will be communicated to CLEC prior to the change through an Accessible Letter. (CLEC will be limited to a maximum one representation in any single edition of an AT&T White Pages directory under either this Subsection or Appendix White Pages (WP) – Resale to this Agreement).

3. USE OF SUBSCRIBER LISTING INFORMATION

- 3.1 AT&T agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber listing information in an area directory, and to handle the CLEC's subscriber listing information in the same manner as AT&T's subscriber listing information. In exchange for AT&T serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T to include and use the CLEC subscriber listing information provided to AT&T pursuant to this Attachment in AT&T's White Pages directory, AT&T's Directory Assistance databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is the release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and to directory publishers as required in Section 251(b)(3) and any applicable regulations and orders. Also included in this authorization is AT&T's use of CLEC's subscriber listing information in AT&T's directory assistance, directory assistance related products and services, and directory publishing products and services. CLEC's subscriber listing information will remain the property of CLEC, and CLEC will be responsible for the billing and collection of any license fees or compensation for CLEC listings to third party publishers and others receiving listings pursuant to this section. AT&T will not bill or collect such license fees on CLEC's behalf. Except as stated herein, AT&T will not sublicense, assign, sell or transfer CLEC's subscriber listing information provided hereunder, nor will AT&T authorize any other company or any person to use CLEC's subscriber listing information for any other purpose. AT&T will take the same measures to guard against unauthorized use of unauthorized use, whether by AT&T, its agents, employees or others.
- 3.2 AT&T further agrees not to charge CLEC for serving as the single point of contact with independent and third party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC Names's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation from AT&T for AT&T's receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information shall be intermingled with AT&T's subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by AT&T.

4. RATES

- 4.1 Rates associated with this Attachment are in the Pricing Schedule.

5. LIABILITY

- 5.1 Indemnification and limitation of liability of provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

ATTACHMENT 20MW - ABT: NON-INTERCOMPANY SETTLEMENTS (NICS)

Table of Contents

1.0 INTRODUCTION 3

2.0 DEFINITIONS 3

3.0 GENERAL PROVISIONS 3

4.0 RESPONSIBILITIES OF THE PARTIES 3

5.0 LIMITATION OF LIABILITY 3

1.0 Introduction

- 1.1 This Attachment sets forth the terms and conditions under which AT&T MIDWEST REGION 5-STATE will perform the revenue settlement of LEC-carried intrastate/intraLATA or interstate/intraLATA local/toll alternately billed calls between each of the aforementioned regions and the CLEC via the Centralized Message Distribution System (CMDS) Non-Intercompany Settlement (NICS) reports.

2.0 Definitions

- 2.1 "Non-Intercompany Settlement (NICS)" means a revenue settlement process for messages which originate from CLEC and bill to AT&T MIDWEST REGION 5-STATE and messages which originate from AT&T MIDWEST REGION 5-STATE and bill to CLEC. NICS messages must originate and bill within the same AT&T-Owned ILEC across the fourteen (14) individual states which make up these two regions.
- 2.2 "Non-Intercompany Settlements System" or "NICS System" means the national system administered by Telcordia that is used in the settlement of revenues for calls that are originated and billed by two (2) different Local Exchange Carriers (LECs) within a single CMDS Direct Participant's territory to another for billing. NICS applies to calls involving another LEC where the Earning Company and the Billing Company are located within both AT&T MIDWEST REGION 5-STATE.

3.0 General Provisions

- 3.1 NICS shall apply only to alternately billed messages (calling card, third number billed and collect calls) originated by AT&T MIDWEST REGION 5-STATE billed by CLEC (when the CLEC is using its own End Office Switch), or messages originated by CLEC and billed by AT&T MIDWEST REGION 5-STATE within the same AT&T MIDWEST REGION 5-STATE State (i.e., messages for intrastate/intraLATA traffic only).
- 3.1.1 For example, an alternately billed call originating within AT&T- OHIO territory and billed to a CLEC within AT&T- OHIO would be covered by this section; a call originating within AT&T- OHIO but billing outside of AT&T- OHIO would not be covered by NICS.
- 3.2 NICS does not extend to 900 or 976 calls or to other pay per call services.
- 3.3 The Telcordia Technologies NICS report is the source for revenue to be settled between AT&T MIDWEST REGION 5-STATE and CLEC. NICS settlement will be incorporated into the CLEC's monthly invoice.
- 3.4 This Attachment does not cover calls originating and billing within a state outside of AT&T MIDWEST REGION 5-STATE.
- 3.5 NICS does not include any interLATA and/or intraLATA long distance charges assessed by an Interexchange Carrier (IXC).
- 3.6 The Party billing the End User shall be responsible for all uncollectible amounts.
- 3.7 Net payment shall be due within thirty (30) calendar days of the date of the invoice.

4.0 Responsibilities of the Parties

- 4.1 Each Party is responsible for submitting the appropriate Exchange Message Interface (EMI) End User billable record (as defined in the Telcordia Technologies NICS System Specifications document) to Telcordia CMDS for inclusion in the NICS report when an alternately billed call originates from its End User.

5.0 Limitation of Liability

- 5.1 Except as otherwise provided herein, Limitation of Liability will be governed by the General Terms & Conditions of this Agreement:
- 5.1.1 AT&T MIDWEST REGION 5-STATE assumes no liability for any LEC's or CLEC's receipt of appropriate revenues due to it from any other entity. CLEC agrees that AT&T MIDWEST REGION 5-STATE will not be liable to it for damages (including, but not limited to, lost profits and exemplary damages) which may be owed to it as a result of any inaccurate or insufficient information resulting from any entity's actions,

omissions, mistakes, or negligence and upon which AT&T MIDWEST REGION 5-STATE may have relied in preparing settlement reports or performing any other act under this Attachment.

- 5.1.2 AT&T MIDWEST REGION 5-STATE will not be liable for any losses or damages arising out of errors, interruptions, defects, failures, or malfunction of services provided pursuant to this Attachment, including those arising from associated equipment and data processing systems, except such losses or damages caused by the sole negligence of AT&T MIDWEST REGION 5-STATE. Any losses or damage for which AT&T MIDWEST REGION 5-STATE is held liable under this Attachment will in no event exceed the amount that CLEC would have billed AT&T MIDWEST REGION 5-STATE per CLEC's existing tariff for the services provided hereunder during the period beginning at the time AT&T MIDWEST REGION 5-STATE receives notice of the error, interruption, failure or malfunction, to the time service is restored.
- 5.1.3 AT&T MIDWEST REGION 5-STATE assumes no responsibility with regard to the correctness of the data supplied by CLEC when this data is accessed and used by a Third Party.

ATTACHMENT 21: NUMBERING

This Attachment 21: Numbering sets forth the terms and conditions under which the Parties will coordinate with respect to numbering resources consistent with the industry guidelines and with applicable law as administered by NANPA (North American Numbering Plan Administrator) and the Number Pooling Administrator (PA).

1. NUMBERING

- 1.1 Nothing in this Section will be construed to limit or otherwise adversely impact in any manner either Party's right to employ or to request and be assigned any NANP numbers including, but not limited to, central office (NXX) codes pursuant to the Central Office Code Assignment Guidelines (ATIS-0300051), or the Thousands-Block Number (NXX-X) Pooling Administration Guidelines (ATIS-0300066), or to establish, by tariff or otherwise, Exchanges and Rating Points corresponding to such codes and blocks. Each Party is responsible for administering the NXX codes assigned to it.
- 1.2 Each Party agrees to make available to the other, via the Telcordia® LERG™ Routing Guide (LERG), up-to-date listings of its own assigned NPA-NXX codes and blocks, along with associated Rating Points and Exchanges. Pursuant to Alliance for Telecommunications Industry Solutions (ATIS) Guidelines for the Administration of Telephone Numbers, (ATIS-0300070), the Parties agree "that CO Codes/blocks allocated to a wireline Service Provider are to be utilized to provide service to a customer's premise located in the same rate center that the CO Codes/blocks are assigned. Exceptions exist, for example tariffed services such as foreign exchange service."
- 1.3 It will be the responsibility of each Party to program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes at all times. The Parties agree to perform such programming and updating within industry standard intervals, provided that both Parties have met the requirements established within ATIS-approved industry guidelines. Neither Party will impose fees or charges on the other Party for such required programming and updating activities.
- 1.4 It will be the responsibility of each Party to input required data into the Telcordia Business Integrated Routing and Rating Database System (BIRRDs) and/or other appropriate system(s) necessary to update the LERG, unless negotiated otherwise.
- 1.5 Neither Party is responsible for notifying the other Party's end users of any changes in dialing arrangements, including those due to NPA exhaust, unless otherwise ordered by the Commission, the FCC, or a court.
- 1.6 During the term of this Agreement, where CLEC is utilizing its own switch to provide telecommunications services on its own behalf, or on the behalf of any customer of the CLEC, CLEC shall contact the North American Numbering Plan Administrator or PA for the assignment of numbering resources.

2. NXX CODES

- 2.1 Each Party agrees to utilize NXX codes in a manner consistent with authorized industry standard rules and guidelines and any agency of governmental authority exercising appropriate jurisdiction.

3. CODE TRANSFER (A.K.A. NXX MIGRATION)

- 3.1 Code transfer, as described in industry guidelines in Section 1.1 above, will be provided upon request. The Party that initiates a code transfer request from the other Party to itself agrees to pay an NXX Migration charge as set forth in the Pricing Schedule under "OTHER".

ATTACHMENT 22: DA-FACILITIES BASED AT&T -PROVIDED DIRECTORY ASSISTANCE

This Attachment 22: DA-Facilities Based sets forth the terms and conditions under which AT&T agrees to provide Directory Assistance (DA) for CLEC as a facilities based switch provider.

1. AT&T WILL PROVIDE THE FOLLOWING DA SERVICES:

- 1.1 Local DA consists of providing subscriber listing information (name, address, and published or non-list telephone number or an indication of non-published status) to CLEC's customers who call DA according to current AT&T methods and practices or as subsequently modified, for the home NPA and/or local/intraLATA serving area, where available. Subscriber listing information for third party CLEC telephone numbers are available only to the extent such telephone numbers are Submitted by such CLECs to AT&T's database.
- 1.2 Directory Assistance Call Completion (DACC) service consists of AT&T completing a call to the requested number on behalf of CLEC's end user, utilizing the Interactive Voice System (IVS) or having the operator complete the call. AT&T will provide DACC to CLEC's customers for local, intrastate IntraLATA and, if available, interstate IntraLATA calls.
 - 1.2.1 AT&T agrees to provide DACC only in areas where CLEC can furnish Automatic Number Identification (ANI) from CLEC's customers to AT&T's switch and where CLEC obtains DA service from AT&T.
 - 1.2.2 Subsequent to the DA query and release of the DA call to AT&T's IVS, AT&T will deliver the DACC call with the required signaling and data to CLEC to complete the call.
 - 1.2.3 CLEC commits that AT&T's provision of DACC does not interfere with any contractual arrangement that CLEC has with another operator services provider. CLEC agrees to indemnify AT&T from any and all causes of action which may be brought by an alternate operator services provider based on allegations that AT&T has interfered with any such contractual arrangement solely by virtue of AT&T's provision of DACC to CLEC under this Attachment.
- 1.3 National Directory Assistance (NDA). A service whereby callers may request directory assistance information (name, address, telephone numbers) outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.
- 1.4 Reverse Directory Assistance (RDA). An Information Service consisting of providing listed local and national name and address information associated with a telephone number.
- 1.5 Business Category Search (BCS). A service in which the end user may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.
- 1.6 Emergency Nonpublished Number Request. A service in which, in the event of an emergency request by a calling party, a Directory Assistance Operator will attempt to reach a nonpublished end user, if that end user's non-published listing has been provided to AT&T for inclusion in its database, with the calling party's name and number, and a short message about the nature of the emergency, without releasing the nonpublished end user's telephone number to the calling party. AT&T will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the AT&T operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, AT&T will leave the contact information.

2. DEFINITIONS - THE FOLLOWING TERMS ARE DEFINED AS SET FORTH BELOW:

- 2.1 Non-List Number - A telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available by calling a AT&T DA Operator.

- 2.2 Non-Published Number - A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor provided by a AT&T DA Operator.
- 2.3 Published Number - A telephone number that is published in a telephone directory and is available upon request by calling a AT&T DA Operator.
- 2.4 IntraLATA Home NPA (HNPA) - Where a LATA is comprised of one area code or Numbering Plan Area (NPA).
- 2.5 IntraLATA Foreign NPA (FNPA) - Where a single LATA includes two Numbering Plan Areas (NPAs). FNPA DA calls may be classified as interstate IntraLATA or intrastate IntraLATA DA calls.

3. CALL BRANDING AND QUOTATION OF CLEC DA RATE INFORMATION

- 3.1 The process by which an Operator, either live or recorded, will identify the DA provider as being CLEC. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. AT&T will offer Call Branding of DA in the name of CLEC.
 - 3.1.1 CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC or indicate a silent brand at the CLECs request. The standard phrase will be consistent with the general form and content currently used by CLEC in branding its services. An initial non-recurring charge will apply for loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in appendix Pricing Schedule.
- 3.2 AT&T Directory Assistance operators will provide Directory Assistance Rate Information upon request to CLEC's end users as required by Section 226(b)(1)(C) of the Act. Rate/Reference information will be provided under the following terms and conditions:
- 3.3 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when such services are to be provided per mutual agreement between the parties.
- 3.4 CLEC will inform AT&T, in writing, of any changes to be made to such Rate and Reference Information ten (10) working days prior to the effective rate change date. CLEC acknowledges that it is responsible to provide AT&T updated Rate information in advance of when the Rates are to become effective.
- 3.5 In all cases when AT&T receives a rate request from a CLEC end user, AT&T will quote the Directory Assistance rates provided by CLEC.
- 3.6 An initial non-recurring charge will apply for loading CLEC's Directory Assistance Rate information as well as a charge for each subsequent change to CLEC's Directory Assistance Reference information.
- 3.7 AT&T will brand Directory Assistance in the name of CLEC starting not later than thirty (30) days after the Effective Date of the Agreement.
- 3.8 Branding/Silent Announcement load charges are assessed per loaded recording, per switch. (For example, a CLEC Reseller may choose to brand under a different name than its facility-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the Branding/Silent Announcement charge). These charges are Nonrecurring and are found in Pricing Schedule.
- 3.9 Rate/Reference load charges are assessed per loaded set of rates/references, per switch. (For example, a CLEC Reseller may choose to rate differently than its facility-based CLEC operations, or may change its rates/references during the life of the contract, and therefore separate sets of rates/references could be loaded into each switch, each loading incurring the Rate/Reference charge). These charges are Nonrecurring and are found in Pricing Schedule.
- 3.10 CLEC shall designate which TOPS (Traffic Operator Position System) switches it wants loaded with Branding/Silent Announcement and Rate/References. (For point of reference, a single AT&T TOPS

switch usually covers an entire LATA. For more information, see CLEC online or consult your Account Manager.)

4. RESPONSIBILITIES OF AT&T

- 4.1 AT&T will perform DA Service for CLEC in those exchanges where CLEC elects to purchase such services from AT&T.
- 4.2 AT&T will provide and maintain its own equipment to furnish DA Services.
- 4.3 AT&T will provide DA Service to CLEC customers using current and updated DA records and in accordance with AT&T's current methods, practices, and procedures or as subsequently modified. Such DA Service shall be equivalent to that provided to AT&T's customers, as documented in AT&T's tariffs, including permitting multiple end user queries per directory assistance call.
- 4.4 AT&T will provide IntraLATA HNPA DA Service and intrastate IntraLATA FNPA DA Service to Customers who dial 1+411 or 1+NPA+555+1212.
- 4.5 AT&T will include current CLEC customer listing information in AT&T's DA database.

5. RESPONSIBILITIES OF BOTH PARTIES

- 5.1 The Party(ies) that provide the circuits between CLEC and AT&T offices will make such circuits available for use in connection with the DA services covered herein. When the total traffic exceeds the capacity of the existing circuits, the Party(ies) will provide additional circuits, to the extent necessary.

6. RESPONSIBILITIES OF CLEC

- 6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the AT&T serving office and also such equipment as may be necessary to record call volumes from the CLEC serving office, in a mutually agreed upon format and media.
- 6.2 CLEC will furnish to AT&T, thirty (30) days in advance of the date when the DA services are to be undertaken, all end user records and information required by AT&T to provide the service.
- 6.3 CLEC will update end user directory assistance listing information using reporting forms and procedures that are mutually acceptable to both Parties. CLEC will send the DA records to AT&T via a local manual service order, T-TRAN, magnetic tape or by any other mutually agreed to format or media.
- 6.4 Where CLEC chooses not to customize route the DA calls, CLEC agrees that AT&T will be the sole provider of DA for one year from the effective date that AT&T begins providing DA for CLEC in that office. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to AT&T's DA services for a twelve month period, or anytime after CLEC has met the twelve month period, CLEC may terminate use of AT&T DA services upon one hundred twenty (120) days advance written notice to AT&T.

7. PRICING

- 7.1 The charges for Directory Assistance are outlined in the Pricing Schedule.

8. MONTHLY BILLING

- 8.1 Billing, non-payment, disconnection, and dispute resolution will be governed by the General Terms and Conditions of this Agreement.

9. LIABILITY

- 9.1 Indemnification and limitation of liability of provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

ATTACHMENT 23: OS-FACILITIES BASED AT&T PROVIDED LOCAL & INTRALATA OPERATOR SERVICES

This Attachment 23: OS-Facilities Based to the Agreement sets forth the terms and conditions under which AT&T agrees to provide local and IntraLATA operator services (Operator Services) for CLEC as a facilities based switch provider. This Attachment applies only to Operator Services provided within a Local Access and Transport Area (LATA).

1. **SERVICES** - AT&T will provide the following three tiers of Operator Services:
 - 1.1 Fully-Automated - Allows the caller to complete a call utilizing Automated Alternate Billing Service (AABS) equipment without the assistance of a AT&T Operator, hereafter called Operator. AABS allows the caller the option of using the AABS audio response system. AABS will be offered in areas where facilities exist and where CLEC has Automatic Number Identification (ANI) equipment and TOUCH-TONE service in place. AABS cannot be activated from a rotary telephone and failure or slow response by the caller to the audio prompts will bridge an Operator to the caller for further assistance. The called party must also have TOUCH-TONE service to accept calls that are billed collect.
 - 1.2 Semi-Automated - Allows the caller to complete a call by receiving partial assistance from an Operator or when AABS cannot be activated due to equipment limitations.
 - 1.3 Non-Automated - Allows the caller to complete a call by receiving full assistance from an Operator.
2. **CALL TYPES** - AT&T will provide to CLEC the call types in Sections 2.1 through 2.7 below:
 - 2.1 Fully Automated Collect and Bill to Third-Number Service- This service is limited to those calls placed collect or billed to a third number. The caller dials 0 plus the telephone number desired, the service selection codes and/or billing information as instructed by the AABS equipment. The call is completed without the assistance of an Operator. This service may also include the following situations:
 - 2.1.1 The caller identifies himself or herself as disabled and gives the Operator the number to which the call is to be billed (either collect or third number).
 - 2.1.2 When due to trouble on the network or lack of service components, the automated call cannot be completed without assistance from an Operator.
 - 2.1.3 When an Operator reestablishes an interrupted call that meets any of the situations described in this Section.
 - 2.2 Fully Automated Calling Card Service - This service is provided when the caller dials zero ("0"), plus the desired telephone number and the calling card number to which the call is to be charged. The call is completed without the assistance of an Operator. An authorized calling card for the purpose of this Attachment is one for which AT&T can perform billing validation.
 - 2.3 Semi-Automated Station-To-Station - This service is limited to those calls placed sent paid, collect or billed to a third number. The caller dials 0 plus the telephone number desired and the call is completed with the assistance of an Operator. This service may also include the following situations:
 - 2.3.1 Where the caller does not dial 0 prior to calling the number desired from a public or semi-public telephone, or from a telephone where the call is routed directly to an Operator (excluding calling card calls).
 - 2.3.2 When an Operator re-establishes an interrupted call that meets any of the situations described in this Section.

- 2.4 Semi-Automated Person-To-Person - A service in which the caller dials 0 plus the telephone number desired and specifies to the Operator the particular person to be reached or a particular PBX station, department or office to be reached through a PBX attendant. This service applies even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. This service may also include the following situations:
 - 2.4.1 Where the caller does not dial a 0 prior to dialing the number from a public or semi-public telephone, or where the call is routed directly to an Operator.
 - 2.4.2 When an operator reestablishes an interrupted call that meets any of the situations described in this Section.
- 2.5 Operator Handled Station-To-Station - A service provided when the caller dials 0 to reach an Operator, and the Operator dials a sent paid, collect or third number station-to-station call. These calls may originate from a private, public or semi-public telephone. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
- 2.6 Operator Handled Person-To-Person - A service in which the caller dials 0 and requests the Operator to dial the number desired and the person, station, department or office to be reached. The call remains a person-to-person call even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
- 2.7 Operator Transfer Service - A service in which the caller dials 0 and requests to be connected to an interexchange carrier using an Operator's assistance. At the caller's request, the Operator transfers the call to an interexchange carrier participating in AT&T's Operator Transfer Service offering. CLEC agrees to obtain all necessary compensation arrangements between CLEC and participating carriers.
- 2.8 Call Branding/Rate Reference - The process by which an Operator, either live or recorded, will identify the operator service provider as being CLEC, audibly and distinctly to the CLEC customer at the beginning of each OS call. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. AT&T will offer Call Branding of Operator Services in the name of CLEC or load a silent brand at the CLECs request. For CLECs electing to purchase operator and directory assistance service from AT&T, the CLEC may request either that AT&T brand the service in the CLEC's name, or that branding be "silent" (i.e., no name announcement), in accordance with the requirements of 47 C.F.R. 51.217(d).
 - 2.8.1 CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC. The standard phrase will be Consistent with the general form and content currently used by CLEC in loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in appendix Pricing Schedule.
- 2.9 AT&T Operator Services operators will provide Operator Services Rates/Reference Information upon request to CLEC's end users.

3. OTHER OPERATOR ASSISTANCE SERVICES

- 3.1 Line Status Verification - A service in which the caller asks the Operator to determine the busy status of an access line.
- 3.2 Busy Line Interrupt - A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. A Busy Line Interrupt charge will apply even if no conversation is in progress at the time of the interrupt or the parties interrupted refuse to terminate the conversation in progress.

- 3.3 Handling of Emergency Calls To Operator - To the extent CLEC's NXX encompasses multiple emergency agencies, AT&T will agree to query the caller as to his/her community and to transfer the caller to the appropriate emergency agency for the caller's community. CLEC will provide to AT&T the communities associated with CLEC's NXX(s).
- 3.4 Calling Card - Calls billed to a CLEC proprietary calling card (0+ or 0- access) will be routed via transfer to the CLEC operator.
- 3.5 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when such services are to be provided per mutual agreement between the parties..
- 3.6 CLEC will inform AT&T, in writing, of any changes to be made to such Rate and Reference Information ten (10) working days prior to the effective rate change date. CLEC acknowledges that it is responsible to provide AT&T updated Rate information in advance of when the Rates are to become effective.
- 3.7 In all cases when AT&T receives a rate request from a CLEC end user, AT&T will quote the Operator Services rates provided by CLEC.
- 3.8 An initial non-recurring charge will apply for loading CLEC's Operator Services Rate information as well as a charge for each subsequent change to CLEC's Operator Services Reference information.
- 3.9 In the event of an emergency request by a calling party, an Operator will attempt to reach a nonpublished end user, if that end user's non-published listing has been provided to AT&T for inclusion in its database, with the calling party's name and number, and a short message about the nature of the emergency, without releasing the nonpublished end user's telephone number to the calling party. AT&T will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the AT&T operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, AT&T will leave the contact information.

4. RESPONSIBILITIES OF AT&T

- 4.1 AT&T will provide and maintain such equipment as is required to furnish the Operator Services as described in this Attachment.
- 4.2 Facilities necessary for AT&T to provide Operator Services to CLEC will be provided by AT&T using standard trunk traffic engineering procedures to ensure that the objective grade of service is met.
- 4.3 AT&T will provide Operator Services in accordance with the operator methods and practices in effect for AT&T at the time the call is made, unless otherwise agreed in writing by both Parties.
- 4.4 AT&T will accumulate and provide CLEC such data as necessary for CLEC to verify traffic volumes and bill its customers.
- 4.5 AT&T will deliver the call with the required signaling and data to CLEC to complete the call.

5. RESPONSIBILITIES OF BOTH PARTIES

- 5.1 The Party(ies) that provide the circuits between CLEC and AT&T offices will make such circuits available for use in connection with the OS services covered herein. When the total traffic exceeds the capacity of the existing circuits, the Party(ies) will provide additional circuits, to the extent necessary.

6. RESPONSIBILITIES OF CLEC

- 6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the AT&T serving office and also such equipment as may be necessary to record call volumes from the CLEC serving office, in a mutually agreed upon format and media.

- 6.2 CLEC will furnish in writing to AT&T, thirty (30) days in advance of the date when the OS services are to be undertaken, all end user records and information required by AT&T to provide the Service.
- 6.3 CLEC will furnish all records required by AT&T to provide the Operator Services. Such records, or information, will include CLEC's rate quotation tables and any other information required by AT&T. CLEC will provide the initial data by a date mutually agreed to between CLEC and AT&T. CLEC will keep this data current using procedures mutually agreed to by CLEC and AT&T. CLEC will provide all data and changes to AT&T in the mutually agreed to format(s).
- 6.4 Where CLEC chooses not to customize route the OS calls, CLEC agrees that AT&T will be the sole provider of OS for one year from the effective date that AT&T begins providing OS for CLEC in that office. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever occurs later, either Party notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to AT&T's DA services for a twelve month period, or anytime after CLEC has met the twelve month period, CLEC may terminate use of AT&T DA services upon one hundred twenty (120) days advance written notice to AT&T.

7. PRICING

- 7.1 The rates for the Operator Services provided are outlined in the Pricing Schedule.

8. MONTHLY BILLING

- 8.1 Billing, non-payment, disconnection, and dispute resolution will be governed by the General Terms and Conditions of this Agreement.
- 8.2 AT&T will forward with Directory Assistance and Operator Services calls from CLEC customers the appropriate line data required by CLEC to identify the type of line for the purposes of call handling and recording.

9. LIABILITY

- 9.1 Indemnification and limitation of liability of provisions covering the matters addressed in this Appendix are contained in the General Terms and Conditions portion of the Agreement.

ATTACHMENT 24: RECORDING-FACILITIES BASED

This Attachment 24: Recording-Facility Based to the Agreement sets forth the terms and conditions under which AT&T will provide recording, message processing and message detail services. The terms and conditions under this Attachment will also apply when the Facility-Based Provider is the Recording Company.

1. DEFINITIONS

As used herein and for the purposes of this Attachment, the following terms shall have the meanings set forth below:

- 1.1 Access Usage Record (AUR) - A message record which contains the usage measurement reflecting the service feature group, duration and time of day for a message and is subsequently used to bill access to Interexchange Carriers (IXCs).
- 1.2 Assembly and Editing - The aggregation of recorded customer message details to create individual message records and the verification that all necessary information required to ensure all individual message records meet industry specifications is present.
- 1.3 Centralized Message Distribution System (CMDS) - The national network of private line facilities used to exchange Exchange Message Interface (EMI) formatted billing data between AT&T and CLEC via the CMDS host.
- 1.4 Data Transmission - The forwarding by AT&T of IXC transported billable message and/or access usage record detail in EMI format over data lines or another mutually agreed-upon medium to CLEC. In order for CLEC to receive End User billable records, the CLEC may be required to obtain CMDS Hosting service from AT&T or another CMDS hosting service provider.
- 1.5 Exchange Message Interface (EMI) - Industry standard message format as described in accordance with the Bellcore Practice BR010-200-010 developed for the interexchange of telecommunications message information.
- 1.6 Interexchange Carrier (IXC) - A third party transmission provider that carries long distance voice and non-voice traffic between user locations for a related recurring fee. IXCs provide service interstate and intrastate. (In some states IXCs are permitted to operate within a LATA.)
- 1.7 Interexchange Carrier Transported - Telecommunications services provided by an IXC or traffic transported by facilities belong to an IXC.
- 1.8 Message Processing - The creation of individual EMI formatted Access Usage Records from individual recordings that reflect the service feature group, duration and time of day for a message, Carrier Identification Code, among other fields, for use in billing access to the Interexchange Carriers. Message Processing includes performing CMDS online edits required to ensure the AURs are consistent with CMDS specifications.
- 1.9 Originating Local Exchange Carrier Company - The company whose local exchange telephone network is used to originate calls thereby providing originating exchange access to IXCs.
- 1.10 Provision of Message Detail - The sorting of all AUR detail by Revenue Accounting Office, Operating Company Number or Service Bureau, splitting of data into packs for invoicing, and loading of data into files for data transmission to CLEC for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through AT&T's internal network or national CMDS.
- 1.11 Record - A logical grouping of information as described in the programs that process information and create the magnetic tapes or data files.
- 1.12 Recording - The creation and storage on a mutually agreed-upon medium of the basic billing details of a message in Automatic Message Accounting (AMA) format.

- 1.13 Service Switching Point (SSP) - A signaling point that can launch queries to databases and receive/interpret responses used to provide specific customer services.
- 1.14 Switching Control Point (SCP) - The real time database system that contains routing instructions for 800 calls. In addition to basic routing instructions, the SCP may also provide vertical feature translations i.e., time of day, day of week routing, out of area screening and/or translation of the dialed 800 number to its assigned working telephone number.
- 1.15 800 SCP Carrier Access Usage Summary Record (SCP Record) - A summary record which contains information concerning the quantity and types of queries launched to an AT&T SCP.
- 1.16 Terminating Local Exchange Carrier Company - The company whose local exchange telephone network is used to terminate calls thereby providing terminating exchange access to IXCs.

2. RESPONSIBILITIES OF THE PARTIES

- 2.1 AT&T will record all IXC transported messages that are carried over all Feature Group Switched Access Services that are available to AT&T provided recording equipment or operators. Unavailable messages (i.e., certain operator messages which are not accessible by AT&T-provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by AT&T.
- 2.2 AT&T will perform assembly and editing, message processing and provision of applicable AUR detail for IXC transported messages if the messages are recorded by AT&T.
- 2.3 AT&T will provide AURs that are generated by AT&T.
- 2.4 Assembly and editing will be performed on all IXC transported messages recorded by AT&T.
- 2.5 Standard EMI record formats for the provision of access usage record detail will be established by AT&T and provided to CLEC.
- 2.6 Recorded billable message detail and AUR detail will not be sorted to furnish detail by specific end users, by specific groups of end users, by office, by feature group or by location.
- 2.7 AT&T will provide AUR detail to CLEC in data files, (a File Transfer Protocol or Connect:Direct "NDM"), or any other mutually agreed upon process to receive and deliver messages using software and hardware acceptable to both Parties.
- 2.8 CLEC will identify separately the location where the data transmissions should be sent (as applicable) and the number of times each month the information should be provided. AT&T reserves the right to limit the frequency of transmission to existing AT&T processing and work schedules, (holidays, etc., i.e., holidays, weekends).
- 2.9 AT&T and CLEC will mutually agree to follow CMDS industry standards for the packaging of records which determine the number of data files required to provide the AUR detail to CLEC.
- 2.10 Recorded AUR detail previously provided CLEC and lost or destroyed through no fault of AT&T will not be recovered and made available to CLEC except on an individual case basis at a cost determined by AT&T.
- 2.11 AT&T will record the applicable detail necessary to generate AUR and forward them to CLEC for its use in billing access to the IXC.
- 2.12 When CLEC is the Recording Company, the CLEC agrees to provide its recorded billable messages detail and access usage record detail data to AT&T under the same terms and conditions of this Attachment.

3. BASIS OF COMPENSATION

- 3.1 AT&T as the Recording Company, agrees to provide recording, assembly and editing, message processing and provision of message detail for Access Usage Records (AURs) ordered/required by the CLEC in accordance with this Attachment on a reciprocal, no-charge basis. CLEC, as the Recording Company,

agrees to provide any and all Access Usage Records (AURs) required by AT&T on a reciprocal, no-charge basis. The Parties agree that this mutual exchange of records at no charge to either Party shall otherwise be conducted according to the guidelines and specifications contained in the Multiple Exchange Carrier Access Billing (MECAB) document.

3.2 Intentionally Left Blank.

4. LOSS OF USAGE

4.1 Except as otherwise provided herein, neither Party shall be liable to the other for any special, indirect, or consequential damage of any kind whatsoever. A Party shall not be liable for its inability to meet the terms of this Agreement where such inability is caused by failure of the first Party to comply with the obligations stated herein. Each Party is obliged to use its best efforts to mitigate damages.

4.2 When either party is notified that, due to error or omission, incomplete data has been provided to non-Recording Company, each Party will make reasonable efforts to locate and/or recover the data and provide it to the non-Recording Company at no additional charge. Such requests to recover the data must be made within sixty (60) calendar days from the date the details initially were made available to non-Recording Company. If written notification is not received within sixty (60) days, the Recording Company shall have no further obligation to recover the data and shall have no further liability to the non-Recording Company.

4.3 If, despite timely notification by the non-Recording Company, AUR detail is lost and unrecoverable as a direct result of the Recording Company having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of AUR detail, both Parties will estimate the volume of lost messages and associated revenue based on information available to it concerning the average revenue per minute for the average interstate and/or intrastate call. In such events, the Recording Company's liability will be limited to the granting of a credit adjusting amounts otherwise due from it equal to the estimated net lost revenue associated with the lost AUR detail.

4.4 Each Party will not be liable for any costs incurred by the other Party when transmitting data files via data lines and a transmission failure results in the nonreceipt of data.

5. INDEMNIFICATION

5.1 Except as otherwise expressly provided in this Attachment, Indemnification and limitation of liability provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

6. WARRANTIES

AT&T ASSUMES NO RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF THE DATA SUPPLIED BY CLEC WHEN THIS DATA IS ACCESSED AND USED BY A THIRD PARTY.

ATTACHMENT 25: xDSL

1. INTRODUCTION

- 1.1 AT&T agrees to provide CLEC with access to UNEs (including the unbundled xDSL Capable Loop and xDSL Subloop offerings) in accordance with the terms and conditions set forth in this xDSL Attachment and the FCC's Triennial Review Order and associated lawful and effective implementing rules, 47 C.F.R. § 51.319(a)(1)(i), (iii) and (iv) and (b)(1), as such rules may be modified from time to time, and the general terms and conditions applicable to UNEs under this Agreement and at the rates set forth in the Pricing Schedule to this Agreement, for CLEC to use in conjunction with its desired xDSL technologies and equipment to provide xDSL services to end user customers.
- 1.2 Nothing in this Attachment shall constitute a waiver by either Party of any positions it may have taken or will take in any pending regulatory or judicial proceeding or any subsequent interconnection agreement negotiations. This Attachment also shall not constitute a concession or admission by either Party and shall not foreclose either Party from taking any position in the future in any forum addressing any of the matters set forth herein.

2. DEFINITIONS

Except as may otherwise be noted in an Appendix to this Attachment, the following definitions apply to this Attachment and its Appendices:

- 2.1 An "xDSL-Capable Loop" is a loop that supports the provision of high-speed data transmission services using any of xDSL technologies.
 - 2.1.1 For purposes of this Attachment, an "xDSL Loop" is defined as a 2-wire or 4-wire copper local loop transmission facility between a distribution frame (or its equivalent) in a central office and the loop demarcation point at an end user customer premises, that may be conditioned at CLEC's request, in order for CLEC to provide xDSL-based services over such loop.
 - 2.1.2 For purposes of this Attachment and as provided for in 47 C.F.R. Section 51.319(b), as such rule may be modified from time to time, an "xDSL Subloop" is defined as any distribution portion of a 2-wire or 4-wire copper loop that is comprised entirely of copper wire or copper cable, that acts as a transmission facility between any distribution point of technically feasible access in AT&T's outside plant and the demarcation point at an end-user customer premise, that may be conditioned at CLEC's request in order for CLEC to provide xDSL-based services over such Subloop. Subloops are also as more specifically addressed in the subloop provisions applicable to this Agreement. A point of technically feasible access is any point in AT&T's outside plant where a technician can access the copper wire within a cable without removing a splice case as more fully defined in Attachment UNE-Appendix Subloop. The subloop and collocation provisions set forth elsewhere in this Agreement (e.g., the Attachment UNE--Appendix Subloop and Attachment Collocation) will also apply to the xDSL Subloop. If there is any conflict between the provisions set forth in this Attachment as to the xDSL Subloop and the provisions set forth elsewhere in this Agreement specific to subloops, the subloop-specific language set forth elsewhere in this Agreement (e.g. the Appendix Subloop shall control).
- 2.2 The term "conditioning" as used herein shall refer to the removal by AT&T of load coils, bridged tap, and/or repeaters on an xDSL Loop or xDSL Subloop, upon request by CLEC at the conditioning rates set forth in the Pricing Schedule to this Agreement ("Pricing Schedule") and Appendix RABT-MMP, and subject to the terms and conditions set forth herein below. Bridged tap may be "excessive" or "non-excessive" as defined below.
- 2.3 The term "Digital Subscriber Line" ("DSL") describes various technologies and services. The "x" in "xDSL" is a place holder for the various types of DSL services, including, but not limited to ADSL (Asymmetric Digital Subscriber Line), HDSL (High-Speed Digital Subscriber Line), ISDL (ISDN Digital Subscriber Line), SDSL (Symmetrical Digital Subscriber Line), UDSL (Universal Digital Subscriber Line), VDSL (Very High-Speed Digital Subscriber Line), and RADSL (Rate-Adaptive Digital Subscriber Line).
- 2.4 Intentionally Left Blank.

- 2.5 The term “excessive bridged tap” as used herein shall refer to bridged tap in excess of 2,500 feet in total length.
- 2.6 The term “non-excessive bridged tap” as used herein shall refer to bridged tap 2,500 feet in total length or less.
- 2.7 A loop technology that is “presumed acceptable for deployment” is one that either complies with existing industry standards, has been successfully deployed by any carrier in any state without significantly degrading the performance of other services, or has been approved by the Federal Communications Commission (“FCC”), any state commission, or an industry standards body.
- 2.8 A “non-standard xDSL-based technology” is a loop technology that is not presumed acceptable for deployment under Section 2.7 of this Attachment. Deployment of non-standard xDSL-based technologies is allowed and encouraged by this Agreement.
- 2.9 “Continuity” shall be defined as a single, uninterrupted path along a circuit, from the Minimum Point of Entry (MPOE) or other demarcation point to the Point of Interface (POI) located on the horizontal side of the Main Distribution Frame (MDF) or, in the case of Subloops, from the demarcation point to CLEC’s Subloop Access Arrangement or Engineering Controlled Splice (as defined in Attachment UNE—Appendix Subloop).
- 2.10 “Proof of Continuity” shall be determined by performing a physical fault test from the MPOE or other demarcation point to the POI located on the horizontal side of the MDF, or, in the case of Subloops, from the demarcation point to CLEC’s Subloop Access Arrangement or Engineering Controlled Splice (as defined in Attachment UNE—Appendix Subloop), by providing a short across the circuit on the tip and ring, and registering whether it can be received at the far end. This test will be known hereafter as “Proof of Continuity” or “Continuity Test.”
- 2.11 “Acceptance Testing” shall be defined as the joint testing for xDSL Loops or xDSL Subloops between AT&T’s Technician, its Local Operations Center (“LOC”), and the CLEC’s designated test representative for the purpose of verifying Continuity as more specifically described in Section 7.0 below.
- 2.12 “Actual Loop Length” for purposes of this Appendix refers to the total physical length of a copper loop between the AT&T Main Distribution Frame (“MDF”) and the terminal location serving an End User. Any additional length attributable to central office wiring, drop wiring, bridged tap, and inside wiring (“wiring”) at an End User customer’s location is not included in the calculation of Actual Loop Length.
3. GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED XDSL LOOPS AND XDSL SUBLOOPS
 - 3.1 AT&T is not in any way permitted to limit xDSL loops or xDSL Subloops to the provision of ADSL.
 - 3.2 AT&T will not impose limitations on the transmission speeds of xDSL services. AT&T will not restrict CLEC’s services or technologies to a level at or below those provided by AT&T.
 - 3.3 AT&T will provide an xDSL Loop or xDSL Subloop capable of supporting a technology presumed acceptable for deployment or non-standard xDSL technology as defined in this Attachment.
 - 3.4 AT&T shall not deny CLEC’s request to deploy any loop technology that is presumed acceptable for deployment unless it has demonstrated to the Commission that CLEC’s deployment of the specific loop technology will significantly degrade the performance of other advanced services or traditional voice band services in accordance with FCC orders. AT&T will provide CLEC with notice prior to seeking relief from the Commission under this Section.
 - 3.5 In the event CLEC wishes to introduce a technology that has been approved by another state commission or the FCC, or successfully deployed elsewhere CLEC will provide documentation describing that action to AT&T and the Commission before or at the time of its request to deploy that technology in OHIO. The documentation should include the date of approval or deployment, any limitations included in its deployment, and a sworn attestation that the deployment did not significantly degrade the performance of other services.

3.6 Parties to this Attachment agree that unresolved disputes arising under this Attachment will be handled under the Dispute Resolution procedures set forth in this Agreement.

3.7 Liability

3.7.1 Notwithstanding any other provision in this Attachment, AT&T and CLEC each agree that should it cause or allow any non-standard xDSL technologies to be deployed or used in connection with or on AT&T facilities, that Party ("Indemnifying Party") will pay all costs associated with any damage, service interruption or other telecommunications service degradation, or damage to the other Party's ("Indemnitee") facilities.

3.7.2 For any technology, CLEC's use of any AT&T network element, or of its own equipment or facilities in conjunction with any AT&T network element, will not materially interfere with or impair service over any facilities of AT&T, its affiliated companies or connecting and concurring carriers involved in AT&T services, cause damage to AT&T's plant, impair the privacy of any communications carried over AT&T's facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, AT&T may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the element(s) causing the violation. AT&T will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, CLEC demonstrates that its use of the network element is not the cause of the network harm. If AT&T does not believe CLEC has made the sufficient showing that it is not the cause of the harm, or if CLEC contests the basis for the disconnection, either Party must first submit the matter to dispute resolution under the Dispute Resolution Procedures set forth in this Agreement. Any claims of network harm by AT&T must be supported with specific and verifiable supporting information.

3.8 Indemnification

3.8.1 Covered Claim: Notwithstanding any other provision in this Attachment, each Party ("Indemnifying Party") will indemnify, defend and hold harmless the other Party ("Indemnitee") from and against any loss, liability, claim or damage ("Loss"), including but not limited to direct, indirect or consequential damages, made against Indemnitee by any telecommunications service provider or telecommunications user (other than claims for damages or other losses made by an end-user of Indemnitee for which Indemnitee has sole responsibility and liability), to the extent such Loss arose from or was caused, in whole or substantial part, by the use of non-standard xDSL technologies by the Indemnifying Party.

3.8.2 Indemnifying Party is permitted to fully control the defense or settlement of any Covered Claim, including the selection of defense counsel. Notwithstanding the foregoing, Indemnifying Party will consult with Indemnitee on the selection of defense counsel and consider any applicable conflicts of interest. Indemnifying Party shall assume all costs of the defense of any Covered Claim and any Loss indemnified pursuant to Section 3.8.1 above and Indemnitee will bear no financial or legal responsibility whatsoever arising from such Claims.

3.8.3 Indemnitee agrees to fully cooperate with the defense of any Covered Claim. Indemnitee will provide written notice to Indemnifying Party of any Covered Claim at the address for notice assigned herein within ten days of receipt, and, in the case of receipt of service of process, will deliver such process to Indemnifying Party not later than 10 business days prior to the date for response to the process. Indemnitee will provide to Indemnifying Party reasonable access to or copies of any relevant physical and electronic documents or records related to the deployment of non-standard xDSL technologies used by Indemnitee in the area affected by the claim, all other documents or records determined to be discoverable, and all other relevant documents or records that defense counsel may reasonably request in preparation and defense of the Covered Claim. Indemnitee will further cooperate with Indemnifying Party's investigation and defense of the Covered Claim by responding to reasonable requests to make its employees with knowledge relevant to the Covered Claim available as witnesses for preparation and participation in discovery and trial during regular weekday business hours.

Indemnitee will promptly notify Indemnifying Party of any settlement communications, offers or proposals received from claimants.

3.8.4 Indemnitee agrees that Indemnifying Party will have no indemnity obligation under Section 3.8.1 above, and Indemnitee will reimburse Indemnifying Party's defense costs, in any case in which Indemnifying Party's technology is determined not to be the cause of any of Indemnitee's liability.

3.9 Claims Not Covered: No Party hereunder agrees to indemnify or defend any other Party against claims based on the other Party's gross negligence or intentional misconduct.

4. UNBUNDLED XDSL-CAPABLE LOOP AND SUBLOOP OFFERINGS

4.1 xDSL-Capable Loops and Subloops

4.1.1 2-Wire xDSL Loop: A 2-wire xDSL loop, for purposes of this section, is a copper loop that supports the transmission of Digital Subscriber Line (DSL) technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance and, based upon industry standards, should not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing loop is optional, subject to conditioning charges and will be performed by AT&T at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule shall apply to this 2-Wire xDSL Loop.

4.1.2 IDSL Loop: An IDSL Loop for purposes of this Section is a 2-Wire IDSL digital loop transmission facility which supports IDSL-based services. (The terms and conditions for the 2-Wire Digital Loop are set forth in the Attachment UNE to this Agreement.) This loop also includes additional acceptance testing to insure the IDSL technology is compatible with the underlying Digital Loop Carrier system if present. IDSL is not compatible with all Digital Loop Carrier Systems and therefore this offering may not be available in all areas. AT&T has advised CLEC, through the Accessible Letter or alternative process, which AT&T central offices are IDSL-capable. CLEC shall only order IDSL Loops in those central offices which AT&T has advised are IDSL-capable. The rates set forth in the Pricing Schedule shall apply to this IDSL Loop

4.1.3 4-Wire xDSL Loop: A 4-wire xDSL loop, for purposes of this section, is a copper loop that supports the transmission of DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance, and based upon industry standards, should not include load coils, mid-span repeaters and/or excessive bridged tap (bridge tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing loop is optional and will be performed by AT&T at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule for the 4-Wire Analog Loop shall apply to this 4-Wire xDSL Loop.

4.1.4 4-Wire Digital Loop: See Attachment 6: UNE.

4.1.5 xDSL Subloop: An xDSL Subloop for purposes of this Attachment is as defined above in Section 2.1.2. The 2-wire or 4-wire xDSL Loop types listed above may be ordered as an xDSL Subloop, subject to the conditions specified above for that loop type. An xDSL Subloop will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance and, based upon industry standards, should not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing subloop is optional, subject to conditioning charges and will be performed by AT&T at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule shall apply to xDSL Subloops.

4.2 AT&T shall be under no obligation to provision xDSL-capable Loops or Subloops in any instance where physical facilities do not exist. This shall not apply where physical facilities exist, but require conditioning. In that event, CLEC will be given the opportunity to evaluate the parameters of the xDSL service to be provided,

and determine whether and what type of conditioning shall be performed at the request of the CLEC as provided in Section 6 below.

- 4.3 CLEC will not be required to specify a type of xDSL to be ordered. However, for each loop or subloop, CLEC should at the time of ordering notify AT&T as to the type of PSD mask CLEC intends to use, and if and when a change in PSD mask is made, CLEC will notify AT&T. Upon request by CLEC, AT&T should disclose to CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops. AT&T will use this information for the sole purpose of maintaining an inventory of advanced services present in the cable sheath. If the technology does not fit within a national standard PSD mask, CLEC shall provide AT&T with a technical description of the technology (including power mask) for the inventory purposes. AT&T will keep such information confidential and will take all measures to ensure that CLEC's xDSL Loop/xDSL Subloop Local Service Request (LSR), its ordering information and its deployment information is neither intentionally nor inadvertently revealed to any part of AT&T's retail operations, to any affiliate(s), or to any other CLEC without prior authorization from CLEC. Additional information on the use of PSD masks can be found in Section 10.1 below.
- 4.4 In the event that AT&T rejects a request by CLEC for an xDSL Loop or xDSL Subloop, including, but not limited to denial due to fiber, DLC, or DAML facility issues, AT&T will disclose to CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops or sub-loops, including the specific reason for the denial, within 48 hours of the denial. In no event shall the denial be based on loop length. If there is any dispute between the Parties with respect to this Section, AT&T will not deny the loop (subject to Section 3.4 above), but will continue to provision loops until the dispute is resolved in accordance with the Dispute Resolution procedures set forth in this Agreement.
- 4.5 AT&T will not deny CLEC's right to deploy new xDSL technologies that do not conform to the national standards and have not yet been approved by a standards body (or otherwise authorized by the FCC, any state commission or which have not been successfully deployed by any carrier without significantly degrading the performance of other services) if CLEC can demonstrate to the Commission that the loop technology will not significantly degrade the performance of other advanced services or traditional voice band services.
 - 4.5.1 Upon request by CLEC, AT&T will cooperate in the testing and deployment of new xDSL technologies on a time and materials basis, or may direct CLEC, at CLEC's expense, to a third party laboratory of CLEC's choice for such evaluation.
 - 4.5.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, AT&T will provide a loop or subloop to support the new technology for CLEC as follows:
 - 4.5.2.1 If the technology requires the use of a 2-Wire or 4-Wire xDSL loop or subloop [as defined in this Attachment], then AT&T will provide with the xDSL loop or subloop at the same rates listed for a 2-Wire or 4-Wire xDSL loop or subloop and associated loop conditioning as needed (pursuant to Section 6 below). AT&T's ordering procedures and provisioning intervals will remain substantially the same, as for its 2-Wire or 4-Wire xDSL loop or subloop even though the xDSL loop or subloop is now capable of supporting a new xDSL technology.
 - 4.5.2.2 In the unlikely event that a new xDSL technology requires a loop type that differs from that of a 2-Wire or 4-Wire loop or subloop [as defined in this Attachment], the Parties shall expend diligent efforts to arrive at an agreement as to the rates, terms and conditions for an unbundled loop or subloop capable of supporting the proposed xDSL technology. If negotiations fail, any dispute between the Parties concerning the rates, terms and conditions for an unbundled loop or subloop capable of supporting the proposed xDSL technology shall be resolved pursuant to the Dispute Resolution process provided for in this Agreement.
- 4.6 Technologies deployed on copper loops must be in compliance with applicable national industry standards and/or requirements established during the OHIO Commission's Section 271 proceeding, e.g., standards set

by the Section 271 DSL Working Group; provided, however, CLEC can deploy technologies under Section 4.5 above for which applicable national standards have not been adopted.

- 4.7 If AT&T or another carrier claims that a service is significantly degrading the performance of other advanced services or traditional voice band services, then AT&T or that other carrier that is claiming degradation is occurring must notify CLEC and CLEC must cooperate with AT&T or the other claiming carrier to correct the problem. Any claims of network harm must be supported with specific and verifiable supporting information. In the event that AT&T or another carrier demonstrates to the Commission that CLEC's deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, CLEC shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of other such services.
- 4.8 Each party must abide by Commission or FCC-approved spectrum management standards. AT&T shall not impose its own standards for provisioning xDSL services, through Technical Publications or otherwise, until and unless approved by the Commission prior to use.
- 4.9 AT&T shall not employ internal technical standards, through Technical Publications or otherwise, for its own retail xDSL, if any, that would adversely affect wholesale xDSL services or xDSL providers.

5. **OPERATIONAL SUPPORT SYSTEMS: LOOP MAKE-UP INFORMATION AND ORDERING**

- 5.1 General: AT&T will provide CLEC with nondiscriminatory access, whether that access is available by electronic or manual means, to its OSS functions for pre-ordering, ordering, provisioning, maintenance and repair, and billing for xDSL Loops and Subloops. CLEC will be given nondiscriminatory access to the same loop makeup information that AT&T is providing any other CLEC and/or AT&T or its advanced services affiliate. This includes any operations support systems containing loop make-up information provided by AT&T to AT&T's service representatives and/or AT&T's internal engineers and/or by AT&T's advanced services affiliate to provision its own retail xDSL service.
- 5.2 In connection with xDSL Loop and xDSL Subloops, AT&T shall provide actual, real-time loop makeup information to CLEC via the loop qualification process.
- 5.3 Loop Qualification: AT&T will provide access to its existing Datagate and EDI interfaces that will allow CLECs, as well as AT&T's retail operations or its advanced service affiliate, to have real-time electronic access as a preordering function to the Loop Makeup Information, when such information is contained in AT&T's electronic databases. If a CLEC elects to have AT&T provide actual Loop Makeup Information through a manual process for information that is not available electronically, then the interval will be 3 business days or the interval provided to AT&T's advanced services affiliate, whichever is less.
- 5.4 Loop makeup data is expected by the Parties to include the following: (a) the actual loop length; (b) the length by gauge; and (c) the presence of repeaters, load coils, or bridged taps; and shall include, if noted on the individual loop record, (d) the approximate location, type, and number of bridged taps, load coils, and repeaters; (e) the presence, location, type, and number of pair-gain devices, DLC, and/or DAML, and (f) the presence of disturbers in the same and/or adjacent binder groups. AT&T also shall provide to CLEC any other loop makeup information listed on the individual loop record but not listed above.
- 5.5 Where AT&T has not compiled Loop Makeup Information for itself, AT&T is not required to conduct a plant inventory and construct a database on behalf of CLEC. If AT&T has manual access to this sort of information for itself, or any affiliate, AT&T will provide access to it to CLEC on a non-discriminatory basis. To the extent AT&T has access to this information in an electronic format, that same format should be made available to CLEC via an electronic interface.
- 5.6 AT&T will provide electronic access to its existing EDI and WebLex ordering interfaces needed for efficient provisioning of advanced services such as xDSL.

6. PROVISIONING/REQUESTING CONDITIONING AS PART OF CLEC'S ORDER

- 6.1 CLEC shall designate, at CLEC's sole option, what loop conditioning (i.e., the removal of excessive bridged tap, load coils and/or repeaters) AT&T is to perform in provisioning the requested loop or subloop. Conditioning may be ordered on loop(s) or subloop(s) of any length to remove excessive bridged tap, load coils and/or repeaters at the loop conditioning rates set forth in the Pricing Schedule. Alternatively, CLEC may choose to order a loop or subloop "as is" in which case, the terms and conditions set out in optional Appendix YZP shall apply.
- 6.2 With respect to any CLEC request for loop conditioning to remove bridged tap on a loop or subloop under this Attachment, the following will apply:
- 6.2.1 AT&T will remove any excessive bridged tap on the loop or subloop so that the loop or subloop is conditioned to meet applicable industry standards. For loops that are less than a distance of 12,000 feet in Actual Loop Length between the AT&T Central Office and the end user customer's premises AT&T shall condition xDSL Loops and xDSL Subloops to remove Excessive Bridged Tap, load coils and/or repeaters at no charge to CLEC.
- 6.2.2 If CLEC requests conditioning to remove bridged tap, load coil and/or repeaters on an xDSL Loop where the Actual Loop Length is 12,000 feet or greater, AT&T shall condition the loop as requested to produce a "clean loop" at the rates set out in the Pricing Schedule. If CLEC requests conditioning to remove bridged tap, load coil and/or repeaters on an xDSL Subloop or xDSL Loop where the Actual Loop Length is 12,000 feet or greater, AT&T shall condition the xDSL Loop or xDSL Subloop as requested to produce a "clean xDSL Loop or xDSL Subloop" at the rates set out in the Pricing Schedule. A request to remove all or non-excessive bridged tap for xDSL Loops and xDSL Subloops is subject to the time frames for completion and the notification requirements regarding impossibility of removal that are set out in Appendix RABT-MMP, Section 3.3.
- 6.3 AT&T shall not be entitled to charge CLEC for conditioning or line station transfers when AT&T's loop makeup information indicates that the loop does not require conditioning, but CLEC or AT&T finds during installation that the loop does, in fact, require conditioning.
- 6.4 The provisioning and installation interval for xDSL Loops, where no conditioning is requested, on orders for 1-20 loops per order or per end-user location, will be 3-5 business days, or the provisioning and installation interval applicable to AT&T's tariffed xDSL-based services, or its affiliate's, whichever is less. The provisioning and installation intervals for xDSL Loops where conditioning is requested, on orders for 1-20 loops per order or per end-user customer location, will be 10 business days, or the provisioning and installation interval applicable to AT&T's tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less. Orders for more than 20 loops per order or per End-User location, where no conditioning is requested, will have a provisioning and installation interval of 15 business days, or as agreed upon by the Parties. Orders for more than 20 loops per order which require conditioning will have a provisioning and installation interval agreed to by the Parties in each instance. These provisioning intervals are applicable to every xDSL loop regardless of the loop length. Upon completion of the Subloop Access Arrangement and engineering design, the intervals (quantity and conditioning) for xDSL Subloops will be the same as the intervals set forth above for xDSL Loops.
- 6.5 Subsequent to CLEC's submission of the initial order for a xDSL Loop or xDSL Subloop, additional conditioning for the removal of excessive bridged tap, load coils and/or repeaters may be requested on such loop at the rates set forth in the Pricing Schedule and the applicable service order charges will apply; provided, however, when requests to add or modify conditioning are received for a pending xDSL Loop or xDSL Subloop order, no additional service order charges shall be assessed, but the due date may be adjusted as necessary to meet standard offered provisioning intervals. After an order has been completed, CLEC may request the removal of all or non-excessive bridged tap, load coils and repeaters via a trouble ticket; the process, procedures and rates set out in Appendix RABT-MMP shall apply in addition to any applicable rates in this Attachment. The provisioning interval for additional requests for conditioning pursuant to this subsection will be the same as set forth above. In addition, CLEC agrees that standard offered intervals do not constitute

performance measure commitments. Performance measures, if any, applicable to provisions of this Attachment are contained in Attachment 17: Performance Measures of this Agreement.

- 6.6 CLEC, at its sole option, may request shielded cross-connects for central office wiring at rates set forth in Pricing Schedule.

7. ACCEPTANCE TESTING

- 7.1 Should CLEC desire Acceptance Testing, CLEC shall request such testing on a per xDSL loop or xDSL subloop basis upon issuance of the Local Service Request (LSR). Acceptance Testing will be conducted at the time of installation of the service request.

7.2 Acceptance Testing Procedure:

- 7.2.1 Upon delivery of a loop or subloop to CLEC, AT&T's field technician will call the Local Operations Center (LOC) and the LOC technician will call a toll free number provided by CLEC to initiate performance of a series of Acceptance Tests.

7.2.1.1 Except for IDSL loops or subloops that are provisioned through repeaters or digital loop carriers, the AT&T field technician will provide a solid short across the tip and ring of the circuit and then open the loop circuit.

7.2.1.2 For IDSL loops or subloops that are provisioned through repeaters or digital loop carriers, the AT&T field technician will not perform a short or open circuit.

- 7.2.2 If the loop passes the "Proof of Continuity" parameters, as defined by this Attachment for xDSL loops, CLEC will provide AT&T with a confirmation number and AT&T will complete the order. CLEC will be billed and shall pay for the Acceptance Test as specified below under Acceptance Testing Billing.

- 7.2.3 If the Acceptance Test fails loop continuity test parameters, as defined by this Attachment for xDSL loops, the LOC or field technician will take reasonable steps to immediately resolve the problem with the CLEC on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the AT&T technician will release the CLEC technician, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, AT&T will contact CLEC to repeat the Acceptance Test. When the aforementioned test parameters are met, CLEC will provide AT&T with a confirmation number and AT&T will complete the order. If AT&T determines loop continuity parameters are met, AT&T may close the order. AT&T will not complete an order that fails Acceptance Testing.

- 7.2.4 Until such time as CLEC and AT&T agree, or industry standards establish, that their test equipment can accurately send signals through repeaters or digital loop carriers, CLEC will accept IDSL loops or subloops without testing the complete circuit. Consequently, AT&T agrees that should CLEC open a trouble ticket on such a loop or subloop within ten (10) business days (that is the fault of AT&T), AT&T will adjust CLEC's bill and refund the recurring charge of such a loop until AT&T has resolved the problem and closed the trouble ticket.

- 7.2.5 AT&T will be relieved of the obligation to perform Acceptance Testing on a particular loop or subloop and will, assume acceptance of the loop or subloop by CLEC when CLEC places the AT&T LOC or field technician on hold for over ten (10) minutes. In that case, AT&T may close the order utilizing existing procedures. Except as otherwise provided in this Attachment, if no trouble ticket is opened on that loop or subloop within 24 hours, AT&T may bill and CLEC shall pay as if the Acceptance Test had been completed and the loop or subloop accepted. If, however, a trouble ticket is opened on the loop or subloop within 24 hours and the trouble resulted from AT&T error, CLEC will be credited for the cost of the acceptance test. Additionally, CLEC may subsequently request and AT&T will perform testing of such a loop or subloop under the terms and conditions of a repair request. If such loop or subloop is found by AT&T to not meet loop continuity test parameters as defined herein, AT&T will not charge for any acceptance testing performed on the repair call.

- 7.2.6 If a trouble ticket is opened within 24 hours of a loop or subloop order completion, and the trouble is determined to be AT&T's error, AT&T will credit CLEC for any charge(s) previously assessed to CLEC for the test.
- 7.2.7 Both Parties will work together to implement Acceptance Testing procedures that are efficient and effective. If the Parties mutually agree to additional testing, procedures and/or standards not covered by this Agreement or any commission-ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards. Additional charges may apply if any agreed-to changes require AT&T to expend additional time and expense.
- 7.3 Acceptance Testing Billing
- 7.3.1 CLEC will be billed for Acceptance Testing upon the effective date of this Attachment for loops and subloops that are installed correctly by the committed interval without the benefit of corrective action performed by AT&T due to acceptance testing. In particular, CLEC shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, for the AT&T technician time involved, pursuant to the FCC tariffed rates set forth in FCC Tariff No. 73, Section 13.4.4; provided, however, the tariffed rates referenced shall be deemed to be automatically revised and updated in the event that the referenced tariff rates are modified during the term of this Agreement. If requested by CLEC, Overtime or Premium time charges will apply for Acceptance Testing requests in off-hours at overtime charges calculated at one and one half times the standard price and premium time as provided for in such tariff.
8. COOPERATIVE TESTING
- 8.1 The charges for Cooperative Testing shall be the same as provided for in Section 7.3.1 above. If requested by CLEC, Overtime or Premium time charges will apply for Cooperative Testing requests in off hours at overtime time and premium time tariffed charges referenced above.
- 8.2 Intentionally Left Blank.
- 8.3 Should CLEC desire Cooperative Testing, it shall request such testing on a trouble ticket on each xDSL capable loop or subloop upon issuance of the trouble ticket.
- 8.4 If the trouble ticket was opened without a request for Cooperative Testing, and CLEC should determine that it is desired or needed during any subsequent phase of maintenance and repair, the request may be added; however, a trouble ticket commitment date will be calculated to account for the additional work.
- 8.5 Cooperative Testing Procedure:
- 8.5.1 The AT&T field technician will call the LOC and the LOC will contact CLEC for test and resolution of the trouble ticket and to verify basic metallic loop parameters including proof of continuity and pair balance.
- 8.5.2 If the loop or subloop passes the "Proof of Continuity" parameters, as defined by this Attachment for xDSL capable loops or subloops, the technician will close out the trouble report and the LOC will bill and CLEC shall pay for the Cooperative Test as provided for in Section 7.3.1 above.
- 8.5.3 If the Cooperative testing fails "Proof of Continuity" parameters, as defined by this Attachment for xDSL capable loops or subloops, the LOC technician will take any reasonable steps to immediately resolve the problem with CLEC on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release the CLEC representative, and perform the work reasonably necessary to bring the loop or subloop to standard continuity parameters as defined by this Attachment for xDSL capable loops or subloops. When the aforementioned test parameters are met, the LOC will contact CLEC for another Cooperative Test.
- 8.5.4 AT&T will be relieved of the obligation to perform Cooperative Testing on a particular loop or subloop and will assume acceptance of the test by CLEC when CLEC cannot provide a "live" representative (through no answer or placement on hold) for over ten (10) minutes. AT&T may then close the trouble

ticket, document the time and reason, and may bill CLEC, and CLEC shall pay, as if the Cooperative Test had been completed as provided for in Section 7.3.1 above.

9. SERVICE QUALITY AND MAINTENANCE

9.1 Intentionally Left Blank.

9.2 Maintenance, other than assuring loop continuity and balance, on unconditioned or partially conditioned loops or subloops in excess of 12,000 feet will only be provided on a time and material basis as provided for in Section 7.3.1 above. On loops or subloops where CLEC has requested that no conditioning be performed, AT&T's maintenance will be limited to verifying loop suitability based on POTS design. For loops having had partial or extensive conditioning performed at CLEC's request, AT&T will verify continuity, the completion of all requested conditioning, and will repair at no charge to CLEC any gross defects which would be unacceptable based on current POTS design criteria and which do not result from the loop's modified design.

9.3 For loops or subloops currently in service where trouble ticket resolution has identified that excessive bridged tap (bridged tap in excess of 2,500 feet), load coils and/or repeaters are present on the loop or subloop and transferring to a new loop or subloop is a solution identified by AT&T to resolve the trouble ticket, AT&T, at its sole option may perform a line and station transfer ("LST") to resolve and close out the identified trouble. In the event that a request for conditioning is received from CLEC on a loop or subloop currently in service and AT&T determines that an LST can be performed, the appropriate AT&T Local Operations Center ("LOC") will contact CLEC to inform it that an LST will be performed in lieu of CLEC's requested conditioning. In such cases where AT&T elects to perform an LST to resolve the identified trouble, CLEC will be billed and shall pay for such LST as outlined in the Pricing Schedule, but shall not be obligated to pay any maintenance or trip charges for AT&T's technicians to identify the problem. If, however, the LST does not resolve the reported trouble and the trouble is determined to be an AT&T network-related problem, CLEC will not be charged the LST rate or for AT&T's resolution of the trouble. If, however, the trouble is found to be a CPE or a non-AT&T network-related problem, then a Maintenance of Service and/or Time and Materials charge set forth in FCC Tariff No. 73, Section 13.4.4 will apply in addition to the LST charge. If an LST is performed, AT&T shall work diligently to minimize end-user customer service outage.

9.4 Each xDSL-Capable Loop or Subloop offering provided by AT&T to CLEC will be at least equal in quality and performance as that which AT&T provides to itself or to an affiliate.

10. SPECTRUM MANAGEMENT

10.1 The parties shall comply with the FCC's lawful and effective spectrum management rules, 47 C.F.R. § 51.231-233, as such rules may be modified from time to time. CLEC will advise AT&T of the Power Spectral Density ("PSD") mask approved or proposed by T1.E1 that reflects the service performance parameters of the technology to be used. CLEC, at its option and without further disclosure to AT&T, may provide any service compliant with that PSD mask so long as it stays within the allowed service performance parameters. At the time of ordering an xDSL loop or subloop, CLEC will notify AT&T as to the type of PSD mask CLEC intends to as set forth in Section 4.3 above. CLEC will abide by standards pertinent for the designated PSD mask type.

10.2 AT&T shall not implement, impose or maintain any spectrum management, selective feeder separation, or binder group management program. AT&T may not segregate or reserve loop binder groups, pair ranges or pair complements exclusively for the provisioning of ADSL and/or POTS services to the exclusion of other xDSL technologies. AT&T may not segregate xDSL technologies into designated loop binder groups, pair ranges or pair complements without prior Commission review and approval. AT&T will not impose restrictions, on use of loop pairs for non-ADSL xDSL services, either through designations in the LFACS and LEAD databases or by the rules in LFACS limiting deployment of non-ADSL xDSL services to certain loop pair ranges. AT&T will not deny requests for loops or subloops based on spectrum management issues.

10.3 In the event that a loop technology without national industry standards for spectrum management is deployed, AT&T, CLECs and the Commission shall jointly establish long-term competitively neutral spectral compatibility standards and spectrum management rules and practices so that all carriers know the rules for loop technology deployment. The standards, rules and practices shall be developed to maximize the deployment

of new technologies within binder groups while minimizing interference, and shall be forward-looking and able to evolve over time to encourage innovation and deployment of advanced services. These standards are to be used until such time as national industry standards exist. CLECs that offer xDSL-based service consistent with mutually agreed-upon standards developed by the industry in conjunction with the Commission, or by the Commission in the absence of industry agreement, may order local loops or subloops based on agreed-to performance characteristics. AT&T will assign the local loop or subloop consistent with the agreed-to spectrum management standards.

10.4.1 In the event that the FCC or the industry establishes long-term standards and practices and policies relating to spectrum compatibility and spectrum management that differ from those established in this Agreement, AT&T and CLEC agree to comply with the FCC and/or industry standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for achieving and implementing such industry standards, practices and policies.

10.5 In such case, AT&T will manage the spectrum in a competitively neutral manner consistent with all relevant industry standards regardless of whether the service is provided by a CLEC or by AT&T, as well as competitively neutral as between different xDSL services. Where disputes arise, AT&T and CLEC will put forth a good faith effort to resolve such disputes in a timely manner. As a part of the dispute resolution process, AT&T will, upon request from a CLEC, disclose within 3-5 business days information with respect to the number of loops using advanced services technology within the binder group and the type of technology deployed on those loops so that the involved parties may examine the deployment of services within the affected loop plant, if any.

10.6 Within thirty (30) days after general availability of equipment conforming to applicable industry standards or the mutually agreed upon standards developed by the industry in conjunction with the Commission or FCC, if AT&T and/or CLEC is providing xDSL technologies deployed under Section 4.0 above, or other advanced services for which there is no standard, then AT&T and/or CLEC must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

11. PRICING

11.1 The rates for xDSL Loops, xDSL Subloops, Loop Qualification – Manual, Loop Conditioning, xDSL cross-connects – standard, xDSL cross-connects – shielded and for Loop Qualification – Mechanized are set forth in the Pricing Schedule.

11.2 AT&T will make “clean loops” and “clean subloops” available for all xDSL services and use by all xDSL providers. When CLEC orders an xDSL Loop or xDSL Subloop, AT&T will make available for use on a nondiscriminatory basis loops and subloops that do not need conditioning. If no “clean loops” or “clean subloops” are available for use, then the conditioning charges set forth in the Pricing Schedule shall apply. AT&T’s retail and/or advanced services affiliate shall not be given preferential access to “clean loops,” or “clean subloops” nor shall such “clean loops” or “clean subloops” be reserved exclusively for ADSL services.

11.3 The conditioning charges, set forth in the Pricing Schedule, are applicable to every xDSL Loop and xDSL Subloop as to a loop that is greater than 12,000 feet in Actual Loop Length or greater for which CLEC requests the removal of excessive and non-excessive bridged tap, load coils, and/or repeaters prior to completion of CLEC’s order. Removal of non-excessive bridged tap after completion of CLEC’s order shall be performed in accordance with the terms and conditions of RABT-MMP.

12. RESERVATION OF RIGHTS/INTERVENING LAW

12.1 The Parties acknowledge and agree that the intervening law language set forth in Section 23 of the General Terms and Conditions of this Agreement shall apply to all of the rates, terms and conditions set forth in this Attachment, in addition to all of the other rates, terms and conditions set forth in this Agreement, including any other Attachments/Appendices to such Agreement.

ATTACHMENT YELLOW ZONE ORDERING PROCESS ("YZP")

Optional Appendix to Attachment 25 xDSL

1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions for the Yellow Zone Process ("YZP"), an optional ordering process for xDSL Capable Loops. This process is made available to CLEC as a voluntary offer as an alternative to AT&T's existing ordering processes.
- 1.2 Except as otherwise provided herein, the rates terms and conditions of CLEC's Agreement pertaining to xDSL loops and xDSL Subloops (such as related to Splitter Ownership and Responsibilities, Operational Support Systems, Facility Make-Up information, Provisioning, Testing, Maintenance & Service Assurance, Ordering, Pricing & Spectrum Management) shall remain unchanged and in Full Force and Effect.

2. DEFINITIONS

- 2.1 A "No Sync" situation after the completion of a YZP service order is defined by a CLEC experiencing a situation in which its DSLAM will not communicate (sync) with the customer premises.

3. YZP OFFERING

- 3.1 CLEC will order eligible xDSL Loops and xDSL Subloops using a generic loop 'As Is' specification code to identify the loop that may require conditioning. All LSRs for xDSL Loops and xDSL Subloops submitted with the 'UALNQX' Specification Code and the 'YZP' notation will initially receive a minimum five (5) business day service provisioning due date for xDSL Loops and xDSL Subloops. Once the order has been completed, and if a No Sync situation, as defined herein, is determined by CLEC, CLEC must choose one of two options:

OPTION 1: Generate a trouble ticket with Wholesale Customer Maintenance Center (WCMC), and identify it either as a straight 'No Sync' type YZP ticket, OR as a YZP related conditioning trouble ticket. The WCMC will resolve the No Sync situation either by addressing non-conditioning related reason for the No Sync, and/or by conditioning the facility as needed (remove load coils, excessive bridge taps, etc). On YZP related Trouble Tickets, a zero plus five (0 + 5) business day interval will be offered after the line has been determined to need conditioning.

On loops with actual lengths between 12 Kft and 17.5 Kft, if the loop has been ordered as YZP, AT&T will use that YZP designation and the CLEC opening a trouble ticket, as authorization from CLEC for AT&T to condition the loop. CLEC will then be billed the appropriate conditioning charges pursuant to the Agreement.

OPTION 2: Cancel the Order by issuing an LSR to Disconnect the circuit.

- 3.2 YZP ordering is not available in conjunction with a combination of network elements known as the platform or UNE-P (including loop and switch port combinations) or unbundled local switching or any arrangement where AT&T is not the retail service provider.
- 3.3 The CLEC will provide AT&T with the type of technology it seeks to deploy, at the time of ordering, including the PSD of the technology the CLEC will deploy. If the technology does not have a PSD mask, then the YZP process will not be applicable.
- 3.4 The YZP process only applies to xDSL Loop and xDSL Subloop where the loop length is between 0 and 17.5 Kft.
- 3.5 The initial YZP service order must have completed and closed prior to the opening of the YZP trouble ticket, when a "No Sync" situation is detected by CLEC.

4. TESTING

- 4.1 Acceptance Testing (for xDSL Loops and xDSL Subloops orders) – CLEC, when using YZP for provisioning xDSL loops CANNOT request Acceptance Testing with such orders.
- 4.2 Cooperative Testing - For xDSL Loops and xDSL Subloops, CLEC has the option of requesting a Cooperative Test, pursuant to the rates, terms and conditions of the Agreement, at the time they are opening the YZP trouble Ticket.
- 4.3 ALL YZP order related initial Trouble Tickets (TTs) opened by CLEC will require load coil and/or other interferor information on that loop to be provided by the CLEC technician at the time of opening the TT. The CLEC will therefore have to ensure that their field technician is equipped with the appropriate test sets that can detect and detail the presence and location of load coils, bridge tap and repeaters. (see Maintenance/Service Assurance Section 5.8 and 5.9 for more detail.)

5. MAINTENANCE /SERVICE ASSURANCE

- 5.1 AT&T will provide resolution of CLEC-referred YZP trouble tickets for the xDSL Loops and xDSL Subloops in parity with repair intervals AT&T provides to its advanced services affiliates.
- 5.2 Prior to opening the YZP trouble ticket, CLEC must verify the DSLAM is built properly, as well as check the logical translations, perform a loop back from DSLAM, insure proper routing, profile, and modem settings. The dispatched CLEC Technician must confirm that the problem is not CLEC related. If a YZP trouble ticket is opened, and it is later determined by AT&T to be a 'No Trouble Found' (NTF), or if the trouble is found in the CLEC's network or CLEC related, AT&T will charge CLEC on a Time and Materials basis, per the applicable tariffed rates referenced in Section 7.3.1 of Attachment 25: xDSL.
- 5.3 CLECs can open a YZP related Trouble Ticket by the following methods:
 - 5.3.1 Calling the WCMC and opening a manual ticket through the call center. The CLEC technician should identify that the original order was YZP related and whether this trouble ticket is a conditioning trouble ticket or not.
 - 5.3.2 Opening an electronic bonding ticket - If the trouble ticket is opened by an electronic bonding ticket, CLEC needs to place that this is a YZP related trouble ticket in the remarks field.
 - 5.3.3 The identification of a possible conditioning related trouble by CLEC will allow the WCMC to convert it to a YZP conditioning type ticket immediately. Potential non-conditioning causes for Physical fault will be checked. However, if the ticket is not opened as a possible conditioning ticket, the AT&T WCMC will handle the tickets per the Present Method of Operation for all Repair tickets and look for physical faults. If no fault is found the WCMC will notify CLEC to conduct the Sync test. If it does not sync, CLEC will have to open another trouble ticket to address any conditioning required.
- 5.4 When a YZP related trouble ticket is opened by CLEC and the line is determined to need conditioning, a 5 business day interval will be given. Trouble ticket status will be provided as follows:
 - 5.4.1 If the trouble ticket is opened electronically (via ToolBar), as a straight 'No Sync' type YZP ticket, an electronic status will be available after 24 hours. If it is determined by AT&T that the trouble is conditioning related, the straight 'No Sync' trouble ticket will be converted to a YZP conditioning ticket.
 - 5.4.2 If the trouble ticket is opened with a live call to the AT&T WCMC (whether as a straight 'No Sync' ticket or as a 'Conditioning' Requested ticket) there will be no separate ticket status provided until the trouble has been resolved and CLEC is notified of the ticket's closure.
 - 5.4.3 If the trouble ticket is opened as a Conditioning Requested ticket, for a loop of actual loop length between 12Kft and 17.5 Kft, and it requires conditioning as verified by AT&T, and the loop has been ordered as YZP, AT&T will use that YZP designation and the initiation of the trouble ticket

by the CLEC as approval for line conditioning and the loop will be conditioned by construction and engineering. The CLEC will then be billed the appropriate-conditioning charges upon the completion of the conditioning.

- 5.4.4 If the trouble ticket is opened as a Conditioning Requested ticket, for a loop of actual loop length between 12Kft and 17.5 Kft, and it requires conditioning as verified by AT&T, and the loop has been ordered as YZP, AT&T will use that YZP designation and the initiation of the trouble ticket by the CLEC as approval for line conditioning and the loop will be conditioned by construction and engineering. The CLEC will then be billed the appropriate conditioning charges upon the completion of the conditioning.
- 5.4.5 If the trouble ticket is opened as a Conditioning Requested ticket, for a loop of actual loop length between 0Kft and 12 Kft, and it requires conditioning as verified by AT&T, CLEC will be contacted and provided with status after the conditioning work is completed. If the loop is conditioned outside of Industry Standard/ ANSI parameters (any bridge tap less than 2500 ft total or 2000 ft single that is removed) CLEC will then be billed the appropriate conditioning charges as set out in the Appendix regarding the Removal of All or Non-Excessive Bridged Tap Using the Yellow Zone Ordering Process.
- 5.4.6 If the trouble ticket is originally opened as a straight 'No Sync' type ticket, and it the later determined by AT&T to be a conditioning related problem, and therefore converted to a YZP conditioning ticket, rules 5.4.4 or 5.4.5 as stated above will apply, depending on the loop length. A 0 + 5 day interval will be offered to complete the conditioning of the loop.
- 5.5 In all cases, the AT&T WCMC will notify CLEC as soon as the trouble is resolved, whether it is conditioning related or not.
- 5.6 Escalations for YZP trouble tickets will follow the existing procedures, as there are no YZP specific escalation procedures in AT&T.
- 5.7 Intentionally Left Blank.
- 5.8 With permanent YZP, ALL YZP order related initial Trouble Tickets (TTs) opened by the CLEC will require load coil and/or other interferor information on that loop to be provided by the CLEC technician at the time of opening the TT. The CLEC will therefore have to ensure that their field technician is equipped with the appropriate test sets that can detect and detail the presence of the following:
 - 5.8.1 The number and location of Load Coils
 - 5.8.2 The number and location of Repeaters, if any
 - 5.8.3 The number of sections of Bridged Tap, and their lengths and locations.
 - 5.8.4 AT&T ill not specify to any CLECs the type of test equipment or the specific tests to use for determining the presence of disturbers– the YZP participating CLEC will determine their own test requirements and capabilities such as Sunrise test sets, or through a remote monitoring capability like Hykemian, and using tests such as Time Domain Reflexometric (TDR) and Spectrum Analysis. In order to resolve the trouble quickly and efficiently, AT&T requires valid and dependable data on the number, length and location of interferors on the loop.
- 5.9 There will be a flat rated Maintenance Service Charge to CLEC associated with any YZP related trouble ticket dispatch, if no trouble is found (NTF) in AT&T portion of the network. This charge will also apply when loop specific interferor information is provided to AT&T but is found to be incorrect upon subsequent investigation during the trouble ticket resolution process. If a retrip is involved with a YZP Trouble ticket (based on CLEC input of loop not working properly after initial trouble resolution), and a NTF in AT&T's network is determined, this maintenance charge will apply as well. If the need for a vendor meet is established, and if CLEC technician is not equipped properly at the vendor meet site, CLEC will be liable for the trip/dispatch charge. The amount of the penalty will be governed by the applicable commission ordered tariff rate referenced in Section 7.3.1 of Attachment 25: xDSL.

6. TERMINATION

6.1 Either Party may terminate this Appendix upon 180 days written notice to the other Party.

APPENDIX FOR THE REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP USING THE YELLOW ZONE PROCESS ("YZP")

Optional Appendix to Attachment 25: xDSL

1. INTRODUCTION

- 1.1 This Appendix to Attachment 25: xDSL of this Agreement sets forth the rates, terms and conditions for the Removal of All or Non-Excessive Bridged Tap using a modified version of the Yellow Zone Process (YZP), for xDSL Loops and xDSL Subloops. This optional process is made available to CLECs as an alternative to AT&T's existing ordering processes.
- 1.2 Except as otherwise provided herein, the rates, terms and conditions set forth elsewhere in this Agreement pertaining to xDSL loops and xDSL Subloops shall remain unchanged and in full force and effect.

2. DEFINITIONS

- 2.1 A "No Sync" situation after the completion of a YZP service order means that a CLEC is experiencing a situation in which its DSLAM will not communicate (sync) with the customer premises.
- 2.2 A loop meeting "minimum qualifications" means the loop has no load coils, repeaters, or bridged tap in excess of 2.5Kft, and no one segment of bridged tap longer than 2Kft in length.
- 2.3 Removal of All or Non-Excessive Bridged Tap means the removal of all bridged tap (i.e., both Excessive and Non-Excessive) or the removal of Non-Excessive bridged tap in response to CLEC's request, in connection with CLEC's xDSL Loop or xDSL Subloop.

3. REMOVAL OF ALL AND NON-EXCESSIVE BRIDGED TAP YZP OFFERING

- 3.1 To be eligible for the Removal of All or Non-Excessive Bridged Tap using YZP, a CLEC must have a signed and approved Optional YZP Appendix in addition to this Appendix for the Removal of All or Non-Excessive Bridged Tap Using YZP. Pursuant to the terms of the Optional YZP Appendix, CLEC has to have ordered an xDSL loop on the original service order, using a generic loop 'As Is' specification code to identify the loop that may require conditioning. All Local Service Requests (LSRs) for an xDSL Loop or x-DSL Subloop submitted with the 'UALNQX' Specification Code and the 'YZP' notation will initially receive a minimum five (5) business day service provisioning due date for xDSL Capable Loops and Subloops. After the service order has completed, CLEC must generate a Trouble Ticket pursuant to Section 5 of this Appendix with the Local Operations Center (LOC) as a 'No Sync' type YZP-related conditioning Trouble Ticket. Based on CLEC's own testing, CLEC must specify the type of bridged tap conditioning being requested on the Trouble Ticket. Upon CLEC's request the LOC will investigate and will address any non-conditioning related reasons for any No Sync situation, and/or condition the facility as needed following the process listed in the YZP Attachment and the process outlined in this Appendix for the Removal of All or Non-Excessive Bridged Tap Using the YZP process, or ensure CLEC's bridged tap removal request is appropriate by verifying the subject bridged tap is located on the loop: provided, however, AT&T does not guarantee the synchronization of any loop.
- 3.2 Except as otherwise provided below, in response to a CLEC's YZP trouble ticket for the Removal of All or Non-Excessive Bridged Tap, AT&T will offer CLEC a zero plus five (0 + 5) business day interval; provided, however, in those instances where AT&T determines it is not possible to Remove All or Non-Excessive Bridged Tap under this Appendix, (in those situations in which: (i) municipalities will not grant rights of way to certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events actions or circumstances exist or arise that are outside the sole control of AT&T. AT&T has no obligation to perform the requested conditioning under this Appendix; and, in those instances where AT&T determines that it can Remove All or Non-Excessive Bridged Tap under this Appendix, but cannot meet the zero plus five (0 + 5) business day interval, (in those situations: (i) involving municipalities which may affect access to certain areas; or (ii) in which there are other issues associated with a access to the subject facilities; or (iii) in which events, actions or circumstances exist or arise that are outside the sole control of AT&T, i the

Parties understand and agree that the zero plus five (0 + 5) business day interval set forth above shall not apply, but instead, in such situations, AT&T will respond to CLEC-referred Removal of All or Non-Excessive Bridged Tap Trouble Tickets for xDSL Loops and xDSL Subloops in parity with repair intervals AT&T provides to its advanced services affiliates. AT&T will advise CLEC as soon as possible when AT&T is unable to Remove All or Non-Excessive Bridged Tap under this Appendix or is unable to meet the zero plus five (0 + 5) business day interval.

- 3.3 If the Removal of All or Non-Excessive Bridged Tap has been requested by CLEC on a Trouble Ticket, the opening of the Trouble Ticket with specific conditioning requests will be used as authorization from CLEC for AT&T to condition the loop as requested. CLEC will then be billed and shall pay the appropriate conditioning charges for any such conditioning performed by AT&T pursuant to the Removal of All or Non-Excessive Bridged Tap set out in the Pricing Schedule attached hereto and incorporated herein by this reference.
- 3.4 The Removal of All or Non-Excessive Bridged Tap using YZP applies only to xDSL Loops and xDSL Subloops.
- 3.5 The initial YZP service order must have closed prior to the opening of the YZP Trouble Ticket for the Removal of All or Non-Excessive Bridged Tap pursuant to the process outlined in this Appendix.

4. TESTING

- 4.1 All testing requests after the completion of the service order will follow the testing guidelines and procedures outlined in the CLEC's YZP Attachment.
- 4.2 CLEC shall assist in trouble isolation for the Removal of All or Non-Excessive Bridged Tap related initial Trouble Tickets by obtaining and providing to AT&T interferor information on the loop at the time of opening the Trouble Ticket. For best results, CLEC is encouraged to provide its field technician with appropriate test sets that can detect and detail the presence of the following:
 - 4.2.1 The number and location of Load Coils; and
 - 4.2.2 The number and location of Repeaters, if any; and
 - 4.2.3 The number of sections of Bridged Tap, and their lengths and locations.

5. MAINTENANCE /SERVICE ASSURANCE

- 5.1 Prior to opening of a trouble ticket for the Removal of All or Non-Excessive Bridged Tap, CLEC must determine that the problem is not CLEC-related.
 - 5.1.1 If a YZP for the Removal of All or Non-Excessive Bridged Tap Trouble Ticket is opened, and it is later determined by AT&T that the requested conditioning is not available because no such bridged tap was on the loop, the Trouble Ticket will be closed as a 'No Trouble Found' (NTF), and AT&T will charge and CLEC shall pay a Maintenance Service Charge on a Time and Material basis, per applicable tariffed rates contained in sections 13.4.2 and 13.4.4 of the FCC No. 73. If, in response to a trouble ticket, AT&T advises CLEC that the CLECs requested conditioning is not available because no such bridged tap was on the loop, and CLEC dispatches a second time and finds upon its second dispatch that such bridged tap is on the loop, CLEC will so advise AT&T for concurrence. In any such case where the Parties find that such bridged tap was on the loop, AT&T will credit CLEC for the tariffed time and material charges billed CLEC in connection with the initial trouble ticket (closed out as 'No Trouble Found') and will pay CLEC the tariffed time and material charges for CLEC's second dispatch to the customer premises.
- 5.2 CLECs may open a YZP-related Trouble Ticket for the Removal of All or Non-Excessive Bridged Tap by the following two methods:

- 5.2.1 Calling the Local Operations Center and opening a manual ticket through the call center with a specific conditioning request e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."
- 5.2.2 Opening an electronic bonding ticket. If the Trouble Ticket is opened by an electronic bonding ticket, CLEC needs to specify that it is a YZP Trouble Ticket with specific conditioning requests in the remarks field e.g., "Found Bridged Tap (BT) on loop, request Removal of All BT."

Both methods require the following:

1. If Excessive Bridged Tap is present on the loop, CLEC may request:
 - a. Removal of Excessive Bridged Tap; or
 - b. Removal of All Bridged Tap.
 2. If Excessive Bridged Tap is not present on the loop, CLEC may request Removal of Non-Excessive Bridged Tap (the remaining Bridged Tap left on the loop after Excessive Bridged Tap has been removed).
 3. Once All the Bridged Tap has been removed any future trouble tickets concerning Bridged Tap will require a vendor meet via Trouble Ticket with the LOC. Vendor meet procedures can be found in AT&T's CLEC On-Line Handbook.
 4. It is CLEC's obligation to document on the Trouble Ticket the type of conditioning it is requesting be performed by AT&T i.e., Removal of All or Non-Excessive bridged tap. If the bridged tap conditioning request does not specify the Removal of All or Non-Excessive Bridged Tap conditioning on the YZP Trouble Ticket, only Excessive Bridged tap conditioning will be performed pursuant to the YZP Attachment.
 5. If a manual trouble ticket is opened by calling the LOC, the CLEC technician should identify that the original order was YZP related and whether this Trouble Ticket is a Removal of All or Non-Excessive Bridged Tap conditioning Trouble Ticket, and specify the type of bridged tap conditioning needed.
 6. Any conditioning requests for the removal of Excessive Bridged Tap or for the removal of Load Coils or Repeaters, will be performed pursuant to the existing terms and conditions set forth in Attachment 25: xDSL of this Agreement.
- 5.3 Except as otherwise provided for herein, when a YZP Trouble Ticket is opened by CLEC for the Removal of All or Non-Excessive Bridge Tap conditioning, a zero plus five (0+ 5) business day interval will be given. Trouble Ticket authorization and billing for conditioning will be provided as follows:
- 5.3.1 if the trouble ticket is opened as a ticket for the Removal of All or Non-Excessive Bridged Tap conditioning, for a 26 gauge equivalent loop length (referred by ANSI T1.417/2001), over 12Kft, and the loop has been ordered as YZP, AT&T will use that YZP designation and the initiation of the Trouble Ticket by CLEC as approval for line conditioning and the loop will be conditioned by AT&T. CLEC will then be billed and shall pay the appropriate Removal of All or Non-Excessive Bridged Tap conditioning charges set forth on the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges upon the completion of the requested conditioning by AT&T.
 - 5.3.2 if a CLEC's trouble ticket is opened for the Removal of Non-Excessive Bridged Tap Conditioning Ticket for a 26 gauge equivalent loop length (referred by ANSI T1.417/2001), between 0Kft and 12 Kft, and the loop is conditioned to remove bridged tap beyond that required to meet minimum qualifications (AT&T is requested to remove bridged tap less than 2.5Kft in length), AT&T will bill and CLEC shall pay the conditioning charges set forth in the Pricing Schedule to this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement for any conditioning performed by AT&T at CLEC's request.

5.3.3 In the case of section 5.3.1 or 5.3.2 the AT&T OC will notify CLEC as soon as the trouble is closed, whether conditioning has been performed or not.

5.4 Escalations for YZP Trouble Tickets will follow the existing procedures listed in the CLEC On-Line Handbook.

6. PRICING

6.1 The interim rates that AT&T shall charge and CLEC shall pay for the Removal of All or Non Excessive Bridged Tap requested after CLEC's xDSL Loop or xDSL Subloop order has been completed are set forth in the Pricing Schedule set out in this Appendix. Notwithstanding anything to the contrary in this Agreement including, without limitation, this Schedule, the Parties understand and agree that the Interim RABT Rates set forth in the Pricing are interim and subject to retroactive true-up upon the establishment of non-interim RABT rates by the state Commission ("Non-Interim RABT Rates"). Upon the effective date of a Commission Order establishing Non-Interim RABT Rates, either Party may, within ninety (90) days of the effective date of such Commission order, provide written notice ("RABT Notice") to the other Party that it wishes to obtain the Non-Interim RABT Rates to replace and supersede the Interim RABT Rate(s) counterpart(s) in this Agreement. Following such RABT Notice by either Party, AT&T will: (i) update the CLEC's billing tables to replace the Interim RABT Rates with the Non-Interim RABT counterparts as to the rates specified in the RABT Notice(s), which rate(s) shall be deemed to have become effective, and shall apply, between the Parties as of the effective date of the Commission's order, and the Parties shall negotiate a conforming amendment to reflect those Non-Interim RABT Rates that are replacing the Interim RABT Rate counterparts, and shall submit such amendment to the Commission for approval; and (ii) AT&T will issue any adjustments that are appropriate (e.g., additional charges, billing credit) to retroactively true-up the Non-Interim RABT Rates established by the Commission with the Interim RABT Rates in this Agreement for the period after the effective date of this Agreement, in accordance herewith. In the event that a Party issues such an RABT Notice more than ninety (90) days after the effective date of any Commission order, then the Non-Interim RABT Rates will be deemed effective between the Parties as of the date the amendment incorporating such Non-Interim RABT Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the state commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from any claims for retroactive true-up with respect to the Interim RABT Rate(s) under this Agreement for any period prior to the effective date of such amendment. Notwithstanding anything to the contrary in this Schedule or Agreement, in the event that any other telecommunications carrier should adopt provisions in this Agreement pursuant to Section 252(i) of the Act ("Adopting CLEC"), the Adopting CLEC would only be entitled to retroactive true-up as to the Interim RABT Rates back to the date that the MFN Provisions become effective between AT&T and the Adopting CLEC (i.e., following the date the Commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("MFN Effective Date")). In no event shall the Adopting CLEC be entitled to a true-up under this Agreement prior to the MFN Effective Date.

Removal of All and Non-Excessive Bridged Tap Non Recurring Charge
Pricing Schedule

RABT prices are in the Pricing Schedule.

APPENDIX FOR THE REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP AFTER LOOP COMPLETION USING A MODIFIED MAINTENANCE PROCESS

Appendix to Attachment 25 xDSL

1. INTRODUCTION

- 1.1 This Appendix to Attachment 25 sets forth the terms and conditions for the Removal of All or Non-Excessive Bridged Tap ("RABT") using a modified version of the standard maintenance process for xDSL Loops and xDSL Subloops where CLEC requests such removal after its order for an xDSL Loop or xDSL Subloop has been completed. This process is available to CLEC as an alternative to AT&T's existing ordering processes but applies only to completed loops.

2. DEFINITIONS

- 2.1 "Minimum qualifications" as used herein means a loop that has no load coil(s), repeater(s), or bridged tap in excess of 2,500 feet in total length.
- 2.2 "No Sync situation" as used herein means that after the completion of a provisioning service order, CLEC is experiencing a situation in which its DSLAM will not communicate (sync) with the End-User premises.
- 2.3 "Removal of All or Non-Excessive Bridged Tap" as used herein means the removal of all bridged tap (i.e., both Excessive and Non-Excessive) or the removal of Non-Excessive bridged tap in response to CLEC's request in connection with CLEC's xDSL Loop or xDSL Subloop.

3. REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP OFFERING

- 3.1 CLEC may request Removal of All or Non-Excessive Bridged Tap by either (1) ordering an xDSL Loop or xDSL Subloop and requesting such removal on its original service order or (2) generating a trouble ticket pursuant to Section 5 of this Appendix with the Local Operations Center (LOC) after the service order for an xDSL Loop or xDSL Subloop has completed and specifying the type of bridged tap conditioning requested on the trouble ticket. If CLEC selects option (1) above, Removal of All or Non-Excessive Bridged Tap shall be performed in accordance with the rates, terms and conditions set out in Attachment 25 xDSL. If CLEC selects option (2) above, Removal of All or Non-Excessive Bridged Tap shall be performed in accordance with the rates, terms and conditions set out in the following sections of this Appendix. Irrespective of whether CLEC selects option (1) or options (2), the limitations set forth in Section 3.3 shall apply.
- 3.2 Upon CLEC's request, the LOC will investigate and will address any AT&T non-conditioning related reasons for any No Sync situation, or ensure CLEC's bridged tap removal request is appropriate by verifying the subject bridged tap is located on the loop: provided, however, AT&T does not guarantee the synchronization of any loop.
- 3.3 Except as otherwise provided below, in response to CLEC's request for removal of All or Non-Excessive Bridged Tap, either in its original order or in a trouble ticket, AT&T will offer CLEC a zero plus five (0 + 5) business day interval, subject to Sections 3.3.1 and 3.3.2 below.
- 3.3.1 In those instances where AT&T determines it is not possible to remove All or Non-Excessive Bridged Tap, e.g., in those situations in which (i) municipalities will not grant rights of way to certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events, actions or circumstances exist or arise that are outside the sole control of AT&T, AT&T has no obligation to perform the requested conditioning.
- 3.3.2 In those instances where AT&T determines that it can Remove All or Non-Excessive Bridged Tap but cannot meet the zero plus five (0 + 5) business day interval e.g., in those situations (i) involving municipalities which may affect access to certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events, actions or circumstances exist or arise that are outside

the sole control of AT&T, the Parties understand and agree that the zero plus five (0 + 5) business day interval set forth above shall not apply, but instead, in such situations, AT&T will respond to CLEC's request for Removal of All or Non-Excessive Bridged Tap for xDSL Loops and xDSL Subloops in parity with the repair intervals AT&T provides to its advanced services affiliate(s) in Ohio.

- 3.3.3 AT&T will advise CLEC as soon as possible when AT&T is unable to remove All or Non-Excessive Bridged Tap or is unable to meet the zero plus five (0 + 5) business day interval.
- 3.4 If Removal of All or Non-Excessive Bridged Tap has been requested by the CLEC on a trouble ticket, the opening of the trouble ticket with specific conditioning requests will be used as authorization from CLEC for AT&T to condition the loop as requested.
- 3.5 CLEC shall pay the appropriate conditioning charges for Removal of All or Non-Excessive Bridged Tap as set out in the Pricing Schedule set out in this Appendix.

4. TESTING

- 4.1 All testing requests after the completion of the service order will follow the testing procedures outlined for xDSL Loops and xDSL Subloops, as applicable, set out in Attachment 25 of this Agreement.
- 4.2 CLEC shall assist in trouble isolation for the Removal of All or Non-Excessive Bridged Tap-related initial trouble tickets by obtaining and providing to AT&T interferor information on the loop or subloop at the time of opening the trouble ticket. For best results, CLEC is encouraged to provide appropriate testing equipment for its technician to determine the presence and location of the following: the number and location of load coil(s), repeater(s) and section(s) of bridged tap, including the length of individual section(s).

5. MAINTENANCE/SERVICE ASSURANCE

- 5.1 Prior to opening of a trouble ticket for the Removal of All or Non-Excessive Bridged Tap, CLEC must verify that the problem is not CLEC-related. If a Removal of All or Non-Excessive Bridged Tap trouble ticket is opened, and it is later determined by AT&T that the requested conditioning is not available because no such bridged tap was on the loop, the trouble ticket will be closed and CLEC shall pay the Maintenance Service Charge on a Time and Material basis in accordance with Section 7 of Attachment 25 - xDSL.
- 5.2 CLEC may open a trouble ticket for the Removal of All or Non-Excessive Bridged Tap via the following two methods:
 - 5.2.1 By calling the LOC and opening a manual ticket with its specific conditioning request, e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."
 - 5.2.2 By opening an electronic bonding ticket. In such case, CLEC shall request specific conditioning in the remarks field e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."

Both methods require the following:

 1. When Excessive Bridged Tap is present on the loop, the removal of All bridged tap.
 2. When Excessive Bridged Tap is not present on the loop, the removal of Non-Excessive Bridged Tap.
 3. Once All Bridged Tap has been removed, any future trouble tickets concerning bridged tap will require a vendor meet with the AT&T LOC. Vendor meet procedures can be found in AT&T's CLEC On-Line Handbook.
 4. It is CLEC's obligation to document on the trouble ticket the type of conditioning it is requesting be performed by AT&T e.g., the Removal of All or Non-Excessive Bridged Tap. If the specific RABT conditioning request is not documented on the CLEC trouble ticket, the trouble ticket will be returned to CLEC for specific information.

5. Any conditioning requests for the removal of Excessive Bridged Tap or for the removal of load coil(s) or repeater(s), will be performed pursuant to the existing rates, terms and conditions for xDSL Loops and Subloops provided for in Attachment 25 of this Agreement.
- 5.3 Except as otherwise provided for herein, when a trouble ticket is opened by CLEC for the Removal of All or Non-Excessive Bridged Tap, a zero plus five (0+ 5) business day interval will be given. Trouble ticket authorization for conditioning and billing will be provided as follows:
 - 5.3.1 if the trouble ticket is opened for a loop that is 12,000 feet or greater in Actual Loop Length, AT&T will use that designation and the initiation of the trouble ticket by CLEC as approval for loop conditioning and the loop will be conditioned by AT&T. CLEC will then be billed and shall pay the conditioning charges set forth in the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement upon the completion of the requested conditioning by AT&T.
 - 5.3.2 if the trouble ticket is opened for a loop that is less than 12, 000 feet in Actual Loop Length, and the loop is conditioned to remove bridged tap beyond that required to meet Minimum Qualifications, AT&T will bill and CLEC shall pay the conditioning charges set forth in the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement, for any conditioning performed by AT&T at CLEC's request.
 - 5.3.3 In the scenarios addressed in Subsections 5.3.1 and 5.3.2 above, the AT&T LOC will notify CLEC as soon as the trouble is closed, whether conditioning has been performed or not.
- 5.4 Escalations for trouble tickets will follow the existing procedures listed in the CLEC On-Line Handbook.

6. PRICING

- 6.1 The interim rates that AT&T shall charge and CLEC shall pay for the Removal of All or Excessive Bridged Tap requested after CLEC's xDSL Loop or xDSL Subloop order has been completed are set forth in the Pricing Schedule set out in this Appendix. Notwithstanding anything to the contrary in this Agreement including, without limitation, this Schedule, the Parties understand and agree that the Interim RABT Rates set forth in the Pricing are interim and subject to retroactive true-up upon the establishment of non-interim RABT rates by the state Commission ("Non-Interim RABT Rates"). Upon the effective date of a Commission Order establishing Non-Interim RABT Rates, either Party may, within ninety (90) days of the effective date of such Commission order, provide written notice ("RABT Notice") to the other Party that it wishes to obtain the Non-Interim RABT Rates to replace and supersede the Interim RABT Rate(s) counterpart(s) in this Agreement. Following such RABT Notice by either Party, AT&T will: (i) update the CLEC's billing tables to replace the Interim RABT Rates with the Non-Interim RABT counterparts as to the rates specified in the RABT Notice(s), which rate(s) shall be deemed to have become effective, and shall apply, between the Parties as of the effective date of the Commission's order, and the Parties shall negotiate a conforming amendment to reflect those Non-Interim RABT Rates that are replacing the Interim RABT Rate counterparts, and shall submit such amendment to the Commission for approval; and (ii) AT&T will issue any adjustments that are appropriate (e.g., additional charges, billing credit) to retroactively true-up the Non-Interim RABT Rates established by the Commission with the Interim RABT Rates in this Agreement for the period after the effective date of this Agreement, in accordance herewith. In the event that a Party issues such an RABT Notice more than ninety (90) days after the effective date of any Commission order, then the Non-Interim RABT Rates will be deemed effective between the Parties as of the date the amendment incorporating such Non-Interim RABT Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the state commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from any claims for retroactive true-up with respect to the Interim RABT Rate(s) under this Agreement for any period prior to the effective date of such amendment. Notwithstanding anything to the contrary in this Schedule or Agreement, in the event that any other telecommunications carrier should adopt provisions in this Agreement pursuant to Section 252(i) of the Act ("Adopting CLEC"), the Adopting CLEC would only be entitled to retroactive true-up as to the Interim RABT Rates back

to the date that the MFN Provisions become effective between AT&T and the Adopting CLEC (i.e., following the date the Commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("MFN Effective Date")). In no event shall the Adopting CLEC be entitled to a true-up under this Agreement prior to the MFN Effective Date.

**Removal of All and Non-Excessive Bridged Tap Non Recurring Charge
Pricing Schedule**

The rates are in the Pricing Schedule.

- (1) All of the Ohio RABT rates set forth in the Pricing Schedule are interim and subject to retroactive true-up upon the Public Utilities Commission of Ohio's establishment of RABT rates, as more specifically provided in Paragraph 6.1 above.
- (2) Intentionally Left Blank
- (3) Intentionally Left Blank

ATTACHMENT 27: ACCESS TO OPERATIONS SUPPORT SYSTEMS (OSS)

1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" to support the resale services, interconnection and UNEs provided under this Agreement so that CLEC can perform pre-ordering, ordering, provisioning, maintenance/repair, and billing. Although this is a OHIO specific agreement, AT&T's OSS is based upon a 13-State platform. In order to access OSS for transactions in other AT&T states, CLEC must have OSS terms and conditions in such state.
- 1.2 AT&T Inc. (AT&T) means the holding company which directly or indirectly owns the following ILECs: BellSouth Telecommunications, Inc. d/b/a AT&T Alabama, AT&T Florida, AT&T Georgia, AT&T Kentucky, AT&T Louisiana, AT&T Mississippi, AT&T North Carolina, AT&T South Carolina, and AT&T Tennessee; Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Oklahoma, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.
- 1.3 AT&T OHIO - As used herein, AT&T OHIO ("AT&T") means The Ohio Bell Telephone Company d/b/a AT&T OHIO ("AT&T"), the applicable AT&T Inc.-owned ILEC doing business in Ohio.
- 1.4 AT&T has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

2. DEFINITIONS

- 2.1 "LSC" means the Local Service Center (LSC) for AT&T.
- 2.2 "WCMC" means the Wholesale Customer Maintenance Center (WCMC) for AT&T.
- 2.3 "MCPSC" means the Mechanized Customer Production Support Center (MCPSC) for AT&T.
- 2.4 "Service Bureau Provider (SBP)" - For purposes of this Agreement, Service Bureau Provider (SBP) is a company which has been engaged by a CLEC to act on its behalf for purposes of accessing AT&T's OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.

3. GENERAL CONDITIONS

- 3.1 Resale and Unbundled Network Elements (UNE) functions, provided under this Agreement will be accessible via electronic interface(s), as described herein, where such functions are available. The Parties agree that electronic order processing is more efficient than manual order processing. During implementation the Parties will negotiate a threshold volume of orders after which electronic ordering is required. Once CLEC is submitting more than the agreed to threshold amount, but not later than twelve (12) months from the Effective Date of this Agreement, CLEC will no longer submit orders manually (and AT&T shall not be required to accept and process manual orders) except when the electronic order processing is unavailable for a substantial period of time, or where a given order cannot be processed electronically.
- 3.2 When AT&T introduces electronic interfaces, in accordance with the Change Management Process referenced in Section 3.15 below, those interfaces will be deemed automatically added to this Attachment, upon request of CLEC unless AT&T believes there are essential terms and conditions unique to the new interface that are not included in this Attachment. In such case, AT&T shall use its good faith reasonable efforts to notify CLEC and propose such additional terms and conditions in sufficient time that the Parties,

negotiating in good faith, may reach agreement on the amendment and have it become effective no later than the date the new interface is made available for use by CLECs.

- 3.3 When AT&T retires interfaces in accordance with the Change Management Process referenced in Section 3.15 below, those interfaces will be deemed automatically deleted from this Attachment.
- 3.4 Proper Use of OSS interfaces:
 - 3.4.1 CLEC agrees to utilize AT&T electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services, local number portability, interconnection, and UNEs through AT&T. In addition, CLEC agrees that such use will comply with AT&T's Data Connection Security Requirements as identified in Section 9 of this Appendix. Failure to comply with such security guidelines may result in forfeiture of electronic access to OSS functionality. In addition, CLEC shall be responsible for and indemnifies AT&T against any cost, expense, or liability relating to any unauthorized entry or access into, or use or manipulation of AT&T's OSS from CLEC systems, workstations or terminals or by CLEC employees, agents, or any third party gaining access through information and/or facilities obtained from or utilized by CLEC and shall pay AT&T for any and all damages caused by such unauthorized entry.
- 3.5 Within AT&T, CLEC's access to pre-order functions described in 4.2.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of another carrier's Customer where CLEC has obtained an authorization for release of CPNI from the Customer.
 - 3.5.1 CLEC must maintain records of individual customers' authorizations for change in local exchange service and release of CPNI which adhere to all requirements of state and federal law.
 - 3.5.2 CLEC is solely responsible for determining whether proper authorization has been obtained and holds AT&T harmless from any loss on account of CLEC's failure to obtain proper CPNI consent from a Customer.
- 3.6 Intentionally Left Blank.
- 3.7 In the event AT&T has good cause to believe that CLEC has used AT&T OSS in a way that conflicts with this Agreement or Applicable Law, AT&T shall give CLEC written notice describing the alleged misuse ("Notice of Misuse"). CLEC shall immediately refrain from the alleged misuse until such time that CLEC responds in writing to AT&T's Notice of Misuse, which shall be provided to AT&T within twenty (20) days after receipt of the Notice of Misuse. In the event CLEC agrees with AT&T's allegation of misuse, CLEC shall refrain from the alleged misuse during the term of this Agreement. In the event CLEC disagrees with AT&T's allegation of misuse, either Party may invoke Dispute Resolution per 3.8 below.
- 3.8 Section 9 of the General Terms and Conditions shall apply to any disputes which arise under this Article, including disputes related to the alleged improper use of or access to CPNI or any alleged non-compliance with AT&T's security guidelines. Except as otherwise set forth in this Article, CLEC's liability for improper or unauthorized use of or access to AT&T's OSS shall be governed by Section 9.0 of the General Terms and Conditions of the Agreement.
- 3.9 In the event CLEC does not agree that CLEC's use of AT&T's OSS is inconsistent with this Agreement or Applicable Law as alleged by AT&T, then the Parties agree to the following steps:
 - 3.9.1 If such alleged misuse involves improper access of pre-order applications to obtain CPNI in violation of this Agreement, Applicable Law, or involves a violation of the security guidelines contained herein, or negatively affects another OSS user's ability to use OSS, CLEC shall continue to refrain from using the particular OSS functionality in the manner alleged by AT&T to be improper, until CLEC has remedied the misuse in a manner acceptable to both Parties.
 - 3.9.2 To remedy the alleged misuse for the balance of the Agreement, Parties will work together as necessary to mutually determine a permanent resolution for the balance of the term of the Agreement. Such efforts shall begin as soon as CLEC has received the Notice of Misuse and shall continue until the issue has been resolved or Dispute Resolution has been invoked by either Party.

- 3.10 After the time for CLEC's response to Notice of Misuse, set forth in Section 3.7 has expired, AT&T shall have the right to conduct an audit of CLEC's use of the AT&T OSS. Upon notice and good cause shown, AT&T shall have the right to conduct an audit of CLEC's use of the AT&T OSS. As used in this Section, the term "good cause" means that a reasonable person would consider that an audit of CLEC's use of the AT&T OSS is justified under the circumstances that exist at the time AT&T elects to conduct such an audit. Such audit shall be limited to auditing those aspects of CLEC's use of the AT&T OHIO OSS that relate to AT&T's allegation of misuse as set forth in the Notice of Misuse. AT&T shall give ten (10) days advance written notice of its intent to audit CLEC ("Audit Notice") under this Section, and shall identify the type of information needed for the audit. Such Audit Notice may not precede AT&T's Notice of Misuse. Within a reasonable time following the Audit Notice, but no less than fourteen (14) days after the date of the notice (unless otherwise agreed by the Parties), CLEC shall provide AT&T with access to the requested information in any reasonably requested format, at an appropriate CLEC location, unless otherwise agreed to by the Parties. The audit shall be at AT&T's expense. All information obtained through such an audit shall be deemed proprietary and/or confidential and subject to confidential treatment without necessity for marking such information confidential. AT&T agrees that it shall only use employees or outside parties to conduct the audit who do not have marketing, strategic analysis, competitive assessment or similar responsibilities within AT&T, or any AT&T affiliate.
- 3.11 When Resale Service and UNE order functions are not available via an electronic interface for the pre-order, ordering and provisioning processes, AT&T and CLEC will use manual processes. Should AT&T develop electronic interfaces for these functions for itself, AT&T will make electronic access available to CLEC.
- 3.12 The Information Services (I.S.) Call Center for the AT&T region provides for technical support function of electronic OSS interfaces. CLEC will also provide a single point of contact for technical issues related to the CLEC's electronic interfaces.
- 3.13 AT&T will provide CLEC with access to the interfaces during the hours of operation posted in the CLEC Handbook on the CLEC Website. Changes to hours of operation will be handled in accordance with the Change Management Process.
- 3.14 AT&T shall provide support for the interfaces described in this Attachment. CLEC will provide a single point of contact for issues related to the interfaces. Each Party shall also provide to the other Party telephone numbers for resolution of problems in connection with pre-ordering, ordering, provisioning and maintenance of the services. AT&T shall list the business days and hours for each call center in AT&T-13STATE's CLEC Handbook and notice any changes via Accessible Letter. Minimum hours of operation for each center shall be:
- IS Call Center: 7 days per week, 24 hours per day
- LSC as specified at AT&T's CLEC Online web site
- WCMC – Maintenance: 7 days per week, 24 hours per day
- WCMC – Provisioning: Monday through Friday, excluding Holidays, 8:00 AM to 5:00 PM (in each applicable timezone)
- AT&T shall ensure adequate coverage in its service centers during these minimum hours.
- 3.15 The Parties will follow the final adopted guidelines of "AT&T Competitive Local Exchange Carrier (CLEC) 13-State Interface Change Management Process", in accordance with the Change Management principles. Those guidelines, or a successor, as they may be modified from time to time, are incorporated into this Agreement by reference as if fully set forth herein.
- 3.16 AT&T will continue to maintain the editing capabilities of AT&T's LEX and Verigate interfaces that enable CLEC to copy existing service and address information from Verigate and paste it into the appropriate fields in LEX and/or to copy data from field to field within LEX or from Verigate to LEX.

- 3.17 Intentionally Left Blank.
- 3.18 Due to enhancements and on-going development of access to AT&T's OSS functions, certain interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. AT&T shall provide proper notice of interface phase-out as required by the Change Management Process.
- 3.19 CLEC is responsible for obtaining operating system software and hardware to access AT&T OSS functions as specified in Sections 8 and 9 of this Attachment.

4. PREORDER INTERFACES & FUNCTIONALITY

- 4.1 AT&T will provide real time access to pre-order functions to support CLEC ordering of Resale services and UNEs. The Parties acknowledge that ordering requirements necessitate the use of current, real time pre-order information to accurately build service orders. The following lists represent pre-order functions that are available to CLEC so that CLEC order requests may be created to comply with AT&T ordering requirements.
- 4.2 Pre-Ordering functions for Resale Services and UNEs include:
 - 4.2.1 Feature/Service Availability:
 - 4.2.1.1 Feature Inquiry provides AT&T with feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).
 - 4.2.1.2 PIC/LPIC Inquiry provides AT&T Primary Interexchange Carrier (PIC) options for intraLATA toll and interLATA toll.
 - 4.2.2 Customer Service Information - CSI Inquiry:

Access to AT&T retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory listing information, and long distance carrier identity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after it obtains authorization for release of CPNI.
 - 4.2.3 Telephone Number Inquiry:

AT&T provides a Telephone Number Reservation Inquiry and a Cancel Reservation function.
 - 4.2.4 Scheduling Inquiry/Availability
 - 4.2.4.1 Due Date Inquiry provides next available dates for the Customer (where available).
 - 4.2.4.2 Dispatch Inquiry provides information to indicate whether dispatch is required.
 - 4.2.5 Address Validation Inquiry:

AT&T provides address validation function.
- 4.3 The following are Pre-Order functions specific to UNEs:
 - 4.3.1 Loop Pre-Qualification and Loop Qualification Inquiry:

AT&T provides pre-order loop qualification information specific to UNE DSL capable and Line Shared loops consistent with the XDSL and Advanced Services OSS Plan of Record filed 4/3/00 and approved by FCC on 12/22/00.
 - 4.3.2 Common Language Location Indicator (CLLI) Inquiry:

AT&T provides CLLI code inquiry function.
 - 4.3.3 Connecting Facility Assignment (CFA) Inquiry:

AT&T provides a CFA inquiry function.
 - 4.3.4 Network Channel/Network Channel Interface (NC/NCI) Inquiry:

AT&T provides a NC/NCI inquiry function.

4.4 Electronic Access to Pre-Order Functions

4.4.1 Resale and UNE Pre-order Interface Availability

4.4.1.1 Enhanced Verigate is the 13-state uniform pre-order GUI interface available in AT&T to provide the pre-ordering functions listed in section 4.2. Enhanced Verigate is accessible via a web-based Toolbar.

4.4.1.2 An industry standard EDI/CORBA Pre-ordering Gateway is provided by AT&T. This pre-ordering gateway supports two structural protocols, EDI and CORBA, as recommended by the technical industry committees. EDI/CORBA is the 13-state uniform pre-order application-to-application interface that can be integrated with the CLEC's own negotiation system and that supports both Resale services and UNEs.

4.4.1.3 DataGate is a transaction-based data query system through which AT&T provides CLEC access to pre-ordering functions. This gateway shall be a Transmission Control Protocol/Internet Protocol (TCP/IP) gateway and will, once CLEC has developed its own interface, allow CLEC to access the pre-order functions for Resale services and UNE. DataGate follows industry guidelines, but is based on AT&T's proprietary pre-ordering functionality.

4.4.1.4 Intentionally Left Blank.

4.4.1.5 Intentionally Left Blank

4.4.1.6 Intentionally Left Blank

4.5 Other Pre-order Function Availability

4.5.1 Where pre-ordering functions are not available electronically, CLEC will manually request this information from the LSC, dependent on operating region, for inclusion on the service order request.

4.5.2 Data Validation Files are available for the purpose of providing requesting CLECs with an alternate method of acquiring pre-ordering information that is considered relatively static. Upon request, AT&T will provide CLECs with any of the following Data Validation Files via Connect: Direct, CD-ROM, or downloadable via the pre-order GUI – Enhanced Verigate. Due to its size, the Street Address Guide (SAG) will be available only via Connect:Direct, and CD-ROM.

Data Validation Files:

SAG (Street Address Guide)

Feature/Service Availability by Switch

Directory Names

Class of Service Codes

USOC (Universal Service Order Codes)

Community Names

Yellow Page Headings

PIC/LPIC (InterLATA/IntraLATA)

5. ORDERING/PROVISIONING

5.1 AT&T provides access to ordering functions to support CLEC provisioning of Resale services and UNEs via one or more electronic interfaces. To order Resale services and UNEs, CLEC will format the service request to identify what features, services, or elements it wishes AT&T to provision in accordance with applicable AT&T LSOR ordering requirements. AT&T will provide CLEC access to one or more of the following systems or interfaces:

5.2 Service Order Request System Availability

5.2.1 AT&T makes available to CLEC an Electronic Data Interchange (EDI) application-to-application interface for transmission of Local Service Requests (LSR) as defined by the OBF, consistent with AT&T Local Service Ordering Requirements (LSOR), and via EDI mapping as defined by TCIF. In ordering and provisioning of Resale Services or UNEs, CLEC and AT&T will utilize industry guidelines developed by OBF and TCIF EDI

to transmit data based upon AT&T's Resale Service and UNE ordering requirements. In addition, Local Number Portability (LNP) will be ordered consistent with the OBF LSR and EDI process.

5.2.2 Web-based LEX is the 13-state uniform ordering GUI interface that provides access to the uniform ordering functions for Resale Services and UNEs. Web-based LEX is accessible via a web-based Toolbar.

5.2.3 Intentionally Left Blank

5.2.4 Intentionally Left Blank

5.2.5 Intentionally Left Blank

5.2.5.1 Intentionally Left Blank

5.26 In ordering and provisioning Unbundled Dedicated Transport and local interconnection trunks, CLEC and AT&T will utilize industry ASR guidelines developed by OBF based upon AT&T ordering requirements.

5.3 Additional Terms for Provisioning

AT&T will provision Resale services and UNE as detailed in CLEC order requests. Access to status on such orders will be provided via the following electronic interfaces:

5.3.1 Intentionally Left Blank

5.3.2 When CLEC places an electronic order using AT&T's LSOR-based ordering system (e.g. EDI and LEX) or the ASR-based ordering system as described in Section 5.2.7 above, AT&T will provide CLEC with an electronic confirmation notice (also known as a firm order confirmation ("FOC")). The confirmation notice will follow industry-standard formats and contain the AT&T confirmed due date for order completion. ("Due Date"). Upon completion of an LSR, AT&T will provide CLEC with an electronic completion notice that follows industry-standard formats and states when that order was completed (also known as a service order completion ("SOC")). In addition, AT&T will provide a loss notification and a post to bill notification, as discussed in the Uniform Plan of Record and defined in the AT&T LSOR.

5.3.2.1 Post to Bill Notification is sent to CLEC for each complete LSR/PON after all serve orders associated with the request post to billing. The time frame between an order posting to bill and the CLEC notification would be a minimum of two days. Post to Bill Notifications are provided consistent with the AT&T LSOR.

5.3.3 As detailed in section 5.2.5.1, the Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected:

5.3.3.1 Errors occurring between application and distribution must be corrected within five (5) business hours for a simple order and within twenty four (24) hours for a complex order;

5.3.3.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

5.3.3.3 If CLEC fails to correct service order errors within the timeframes specified in this Section 5.3.3, service orders on which errors occur will be excluded from calculation of the results for all related performance measurements, described in Appendix Performance Measurements.

6. MAINTENANCE/REPAIR

6.1 Two electronic interfaces are accessible in each region to place, and check the status of, trouble reports for both Resale services and UNEs. Upon request, CLEC may access these functions via the following methods:

6.1.1 Electronic Bonding for Trouble Administration - Graphical User Interface (EBTA-GUI) is the 13-state uniform GUI interface that allows CLEC to perform MLT, issue trouble tickets, view status, and view trouble history on-line.

6.1.2 Electronic Bonding Trouble Administration (EBTA) is the 13-state uniform application-to-application interface that is available for trouble report submission and status updates. EBTA conforms to ANSI guidelines

T1.227:1995, T1.228:1995 and T1.262:1998, Electronic Communications Implementation Committee (ECIC) Trouble Report Format Definition (TRFD) Number 1 as defined in ECIC document ECIC/TRA/95-003, and all guidelines referenced within those documents, as mutually agreed upon by CLEC and AT&T. Functions currently implemented include Enter Trouble, Request Trouble Report Status, Add Trouble Information, Modify Trouble Report Attributes, Trouble Report Attribute Value Change Notification, and Cancel Trouble Report, as explained in 6 and 9 of ANSI T1.228:1995. CLEC and AT&T will exchange requests over a mutually agreeable X.25-based network.

7. BILLING MEDIA AND INTERFACES

7.1 AT&T will bill CLEC for Resold services and UNEs. AT&T will send associated billing information to CLEC as necessary to allow CLEC to perform billing functions. At minimum AT&T will provide CLEC billing information in a paper format, or via 18-track magnetic tape, as selected by CLEC. Such alternate bill media will be made available to CLEC consistent with the individual state tariff provisions.

7.2 Electronic access to billing information for Resale services will also be available via the following interfaces:

7.2.1 CLEC may receive a mechanized bill format via the EDI 811 transaction set.

7.2.2 For Resale Services, CLEC may receive Bill Plus™, an electronic version of its bill, as described in, and in accordance with, AT&T's Local Exchange Tariff.

7.2.3 For Resale Services, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via AT&T's Classic Toolbar.

7.2.4 Intentionally Left Blank.

7.2.5 CLEC may receive electronically a Daily Usage Extract. On a daily basis, this feed provides information on the usage billed to its accounts for Resale services in the industry standardized EMI format.

7.2.6 AT&T will provide Loss Notifications. This notification alerts CLECs that a change requested by another telecommunications provider has been completed and, as a result, the Local Service Provider associated with a given telephone number has been changed. It will be provided via the uniform ordering application-to-application interface using the EDI 836 transaction, and will also be available via the uniform ordering GUI interface, LEX.

7.3 Electronic access to billing information for UNE will also be available via the following interfaces:

7.3.1 AT&T makes available to CLECs a local Bill Data Tape to receive data in an electronic format from its CABS database. The local Bill Data Tape contains the same information that would appear on CLEC's paper bill.

7.3.2 CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via AT&T's Classic Toolbar.

7.3.3 CLECs will receive a Daily Usage Extract electronically, on a daily basis, with information on the usage billed to its accounts for UNEs in the industry standardized Exchange Message Interface (EMI) format.

7.3.4 CLEC may receive a uniform loss notification via EDI 836 transaction or via the uniform GUI interface, LEX. For UNEs this loss notification indicates when CLEC's Customers, utilizing AT&T ports, change their Competitive Local Exchange Carrier.

8. REMOTE ACCESS FACILITY

8.1 CLEC must access OSS interfaces via a CLEC Remote Access Facility. For AT&T SOUTHWEST REGION 5-STATE, the LRAF located in Dallas, TX will be used. The PRAF in Fairfield, CA handles the AT&T-2STATE region. The ARAF, located in Chicago, IL, serves AT&T MIDWEST REGION 5-STATE and the SRAF in New Haven, CT, handles the AT&T CONNECTICUT region. Connection to these remote access facilities will be established via a "port" either through dial-up or direct connection as described in Section 8.2. CLEC may utilize a port to access AT&T-13STATE OSS interfaces to perform the supported functions

in any AT&T-13STATE where CLEC has executed an Appendix OSS. OSS applications that are accessible through the Internet will also go through a secured Remote Access Facility.

- 8.2 CLEC may use three types of access: Switched, Private Line, and Frame Relay. For Private Line and Frame Relay "Direct Connections," CLEC shall provide its own router, circuit, and two Channel Service Units/Data Service Units (CSU/DSU). The demarcation point shall be the router interface at the LRAF, PRAF, ARAF, or SRAF. Switched Access "Dial-up Connections" require CLEC to provide its own modems and connection to the AT&T LRAF, AT&T-2STATE PRAF, AT&T MIDWEST REGION 5-STATE ARAF, and AT&T CONNECTICUT SRAF. CLEC shall pay the cost of the call if Switched Access is used. Connections via the Public Internet require CLEC to connect to an ISP of their choice and use one of the HTTPS URLs associated with access to AT&T OSS via the public internet.
- 8.3 CLEC shall use TCP/IP to access AT&T OSS via the LRAF, ARAF, SRAF, and the PRAF. In addition, each CLEC shall have one valid Internet Protocol (IP) network address. CLEC shall maintain a user-id / password unique to each individual for accessing a AT&T, AT&T-2STATE, AT&T MIDWEST REGION 5-STATE, or AT&T CONNECTICUT OSS on CLEC's behalf. CLEC shall provide estimates regarding its volume of transactions, number of concurrent users, desired number of private line or dial-up (switched) connections, and length of a typical session.
- 8.4 CLEC shall attend and participate in implementation meetings to discuss CLEC LRAF/PRAF/ARAF/SRAF access plans in detail and schedule testing of such connections.

9. DATA CONNECTION SECURITY REQUIREMENTS

- 9.1 CLEC agrees that interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T-13STATE's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document current at the time of initial connection to a RAF. The following additional terms in this Section 9 govern direct and dial up connections between CLEC and the PRAF, LRAF, ARAF and SRAF for access to OSS Interfaces.
- 9.2 Joint Security Requirements
 - 9.2.1 Both Parties will maintain accurate and auditable records that monitor user authentication and machine integrity and confidentiality (e.g., password assignment and aging, chronological logs configured, system accounting data, etc.).
 - 9.2.2 Both Parties shall maintain accurate and complete records detailing the individual data connections and systems to which they have granted the other Party access or interface privileges. These records will include, but are not limited to, user ID assignment, user request records, system configuration, time limits of user access or system interfaces. These records should be kept until the termination of this Agreement or the termination of the requested access by the identified individual. Either Party may initiate a compliance review of the connection records to verify that only the agreed to connections are in place and that the connection records are accurate.
 - 9.2.3 CLEC shall immediately notify the ISCC when an employee userid is no longer valid (e.g. employee termination or movement to another department).
 - 9.2.4 Both Parties shall use an industry standard virus detection software program at all times. The Parties shall immediately advise each other by telephone upon actual knowledge that a virus or other malicious code has been transmitted to the other Party.
 - 9.2.5 All physical access to equipment and services required to transmit data will be in secured locations. Verification of authorization will be required for access to all such secured locations. A secured location is where walls and doors are constructed and arranged to serve as barriers and to provide uniform protection for all equipment used in the data connections which are made as a result of the user's access to either the CLEC or AT&T network. At a minimum, this shall include: access doors equipped with card reader control or an equivalent authentication procedure and/or device, and egress doors which generate a real-time alarm

when opened and which are equipped with tamper resistant and panic hardware as required to meet building and safety standards.

- 9.2.6 Both Parties shall maintain accurate and complete records on the card access system or lock and key administration to the rooms housing the equipment utilized to make the connection(s) to the other Party's network. These records will include management of card or key issue, activation or distribution and deactivation.

9.3 Additional Responsibilities of Both Parties

- 9.3.1 Modem/DSU Maintenance And Use Policy: To the extent the access provided hereunder involves the support and maintenance of CLEC equipment on AT&T's premises, such maintenance will be provided under the terms of the Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures document cited above.

- 9.3.2 Monitoring: Each Party will monitor its own network relating to any user's access to the Party's networks, processing systems, and applications. This information may be collected, retained, and analyzed to identify potential security risks without notice. This information may include, but is not limited to, trace files, statistics, network addresses, and the actual data or screens accessed or transferred.

- 9.3.3 Each Party shall notify the other Party's security organization immediately upon initial discovery of actual or suspected unauthorized access to, misuse of, or other "at risk" conditions regarding the identified data facilities or information. Each Party shall provide a specified point of contact. If either Party suspects unauthorized or inappropriate access, the Parties shall work together to isolate and resolve the problem.

- 9.3.4 In the event that one Party identifies inconsistencies or lapses in the other Party's adherence to the security provisions described herein, or a discrepancy is found, documented, and delivered to the non-complying Party, a corrective action plan to address the identified vulnerabilities must be provided by the non-complying Party within thirty (30) calendar days of the date of the identified inconsistency. The corrective action plan must identify what will be done, the Party accountable/responsible, and the proposed compliance date. The non-complying Party must provide periodic status reports (minimally monthly) to the other Party's security organization on the implementation of the corrective action plan in order to track the work to completion.

- 9.3.5 In the event there are technological constraints or situations where either Party's corporate security requirements cannot be met, the Parties will institute mutually agreed upon alternative security controls and safeguards to mitigate risks.

- 9.3.6 All network-related problems will be managed to resolution by the respective organizations, CLEC or AT&T, as appropriate to the ownership of a failed component. As necessary, CLEC and AT&T will work together to resolve problems where the responsibility of either Party is not easily identified.

9.4 Information Security Policies And Guidelines For Access To Computers, Networks and Information By Non-Employee Personnel

- 9.4.1 Information security policies and guidelines are designed to protect the integrity, confidentiality and availability of computer, networks and information resources. Section 9.5 - 9.11 summarizes the general policies and principles for individuals who are not employees of the Party that provides the computer, network or information, but have authorized access to that Party's systems, networks or information. Questions should be referred to CLEC or AT&T, respectively, as the providers of the computer, network or information in question.

- 9.4.2 It is each Party's responsibility to notify its employees, contractors and vendors who will have access to the other Party's network, on the proper security responsibilities identified within this Attachment. Adherence to these policies is a requirement for continued access to the other Party's systems, networks or information. Exceptions to the policies must be requested in writing and approved by the other Party's information security organization.

9.5 General Policies

9.5.1 Each party shall utilize OSS resources for approved business purposes only.

9.5.2 Intentionally Left Blank.

9.5.3 Individuals will only be given access to resources that they are authorized to receive and which they need to perform their job duties. Users must not attempt to access resources for which they are not authorized.

9.5.4 Authorized users must not develop, copy or use any program or code which circumvents or bypasses system security or privilege mechanism or distorts accountability or audit mechanisms.

9.5.5 Actual or suspected unauthorized access events must be reported immediately to each Party's security organization or to an alternate contact identified by that Party. Each Party shall provide its respective security contact information to the other.

9.6 User Identification

9.6.1 Access to each Party's corporate resources will be based on identifying and authenticating individual users in order to maintain clear and personal accountability for each user's actions.

9.6.2 User identification shall be accomplished by the assignment of a unique, permanent user id, and each user id shall have an associated identification number for security purposes.

9.6.3 User ids will be revalidated by CLEC on a regular basis.

9.7 User Authentication

9.7.1 Users will usually be authenticated by use of a password. Strong authentication methods (e.g. one-time passwords, digital signatures, etc.) may be required in the future.

9.7.2 Passwords must not be stored in script files.

9.7.3 Passwords must be entered by the user.

9.7.4 Passwords must be at least 6-8 characters in length, not blank or a repeat of the user id; contain at least one letter, and at least one number or special character must be in a position other than the first or last one. This format will ensure that the password is hard to guess. Most systems are capable of being configured to automatically enforce these requirements. Where a system does not mechanically require this format, the users must manually follow the format.

9.7.5 Systems will require users to change their passwords regularly.

9.7.6 Systems are to be configured to prevent users from reusing the same password for 6 changes/months.

9.7.7 Personal passwords must not be shared. A user who has shared his password is responsible for any use made of the password.

9.8 Access and Session Control

9.8.1 Destination restrictions will be enforced at remote access facilities used for access to OSS Interfaces. These connections must be approved by each Party's corporate security organization.

9.8.2 Terminals or other input devices must not be left unattended while they may be used for system access. Upon completion of each work session, terminals or workstations must be properly logged off.

9.9 User Authorization

9.9.1 On the destination system, users are granted access to specific resources (e.g. databases, files, transactions, etc.). These permissions will usually be defined for an individual user (or user group) when a user id is approved for access to the system.

9.10 Software and Data Integrity

- 9.10.1 Each Party shall use a comparable degree of care to protect the other Party's software and data from unauthorized access, additions, changes and deletions as it uses to protect its own similar software and data. This may be accomplished by physical security at the work location and by access control software on the workstation.
- 9.10.2 Untrusted software or data shall be scanned for viruses before use on a Party's corporate facilities that can be accessed through the direct connection or dial up access to OSS interfaces.
- 9.10.3 Unauthorized use of copyrighted software is prohibited on each Party's corporate systems that can be access through the direct connection or dial up access to OSS Interfaces.
- 9.10.4 Proprietary software or information (whether electronic or paper) of a Party shall not be given by the other Party to unauthorized individuals. When it is no longer needed, each Party's proprietary software or information shall be returned by the other Party or disposed of securely. Paper copies shall be shredded. Electronic copies shall be overwritten or degaussed.

9.11 Monitoring and Audit

- 9.11.1 To deter unauthorized access events, a warning or no trespassing message will be displayed at the point of initial entry (i.e., network entry or applications with direct entry points). Each Party should have several approved versions of this message. Users should expect to see a warning message similar to this one:

"This is a (AT&T or CLEC) system restricted to Company official business and subject to being monitored at any time. Anyone using this system expressly consents to such monitoring and to any evidence of unauthorized access, use, or modification being used for criminal prosecution."

- 9.11.2 After successful authentication, each session will display the last logon date/time and the number of unsuccessful logon attempts. The user is responsible for reporting discrepancies.

10. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES

- 10.1 Prior to live access to OSS interface functionality, the Parties must conduct Operational Readiness Testing (ORT). AT&T will participate with CLEC in Operational Readiness Testing (ORT) which will allow for the testing of the systems, interfaces, and processes for the pre-ordering, ordering and provisioning of unbundled Network Elements or Combinations. ORT will be completed in accordance with a schedule mutually agreed to by the Parties. Such ORT will begin not later than three (3) months after the Effective Date of the Agreement.
- 10.2 Prior to introduction of new applications or interfaces, or modifications of the same, upon the request of either party, the Parties shall conduct cooperative testing pursuant to a mutually agreed test plan.

11. OSS TRAINING COURSES

- 11.1 Prior to initial live system usage, CLEC must complete user education classes for AT&T-provided interfaces that affect the AT&T-13STATE network. Course descriptions for all available classes by region are posted on the CLEC website in the Customer Education section. CLEC Training schedules by region are also available on the CLEC website and are subject to change, with class lengths varying. Classes are train-the-trainer format to enable CLEC to devise its own course work for its own employees. CLEC can obtain a copy of the proposed contract and price list for these OSS classes from their CLEC account manager.
- 11.2 A separate agreement will be required as a commitment to pay for a specific number of CLEC students in each class. CLEC agrees that charges will be billed by AT&T and CLEC payment is due thirty (30) days following the bill date. CLEC agrees that personnel from other competitive Local Service Providers may be scheduled into any class to fill any seats for which the CLEC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.

- 11.3 Class dates will be based upon AT&T availability and will be coordinated among CLEC, the CLEC's AT&T Account Manager, and AT&T Industry Markets CLEC Training Product Management.
- 11.4 CLEC agrees to pay the cancellation fee of the full price noted in the separate agreement if CLEC cancels scheduled classes less than two (2) weeks prior to the scheduled start date, and such cancellation results in the cancellation or rescheduling of such class(es). CLEC agrees to provide to AT&T completed registration forms for each student no later than one week prior to the scheduled training class.
- 11.5 CLEC agrees that CLEC personnel attending classes are to utilize only training databases and training presented to them in class. Attempts to access any other AT&T-13STATE system are strictly prohibited.
- 11.6 CLEC further agrees that training material, manuals and instructor guides can be duplicated only for internal use for the purpose of training employees to utilize the capabilities of AT&T's OSS in accordance with this Appendix and shall be deemed "Proprietary Information" and subject to the terms, conditions and limitations of Section 20 of the General Terms and Conditions.

12. OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY

- 12.1 This Agreement does not include flat rate charges for OSS system access and connectivity. AT&T is not waiving its right to recover its OSS costs during the term of this Agreement and nothing herein shall preclude AT&T from proposing new rates and charges for OSS cost recovery during the term of this Agreement. Provided however, AT&T may not impose such new rates or charges unless the Parties amend this Agreement pursuant to the General Terms and Conditions. New rates or charges as provided herein, if any, shall be on a going forward basis only.

13. MISCELLANEOUS CHARGES

- 13.1 For AT&T region only, CLEC requesting the Bill Plus™, as described in 7.2.2, agrees to pay applicable tariffed rate, less Resale discount.
- 13.2 CLEC requesting the billing function for the Daily Usage Extract which contains the usage billable records, as described in 7.2.5 and 7.3.3, agrees to pay established rates pursuant to the Pricing Schedule.
- 13.3 CLEC requesting the Local Disconnect Report, as described in 7.2.6 and 7.3.4, agrees to pay established rates pursuant to the Pricing Schedule.
- 13.4 Should CLEC request custom development of an exclusive interface to support OSS functions, such development will be considered by AT&T on an Individual Case Basis (ICB) and priced as such.

14. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS

- 14.1 AT&T shall allow CLEC to access its OSS via a Service Bureau Provider under the following terms and conditions:
- 14.2 Notwithstanding any language in this Agreement regarding access to OSS to the contrary, CLEC shall be permitted to access AT&T OSS via a Service Bureau Provider as follows:
 - 14.2.1 CLEC shall be permitted to access AT&T application-to-application OSS interfaces, via a Service Bureau Provider where CLEC has entered into an agency relationship with such Service Bureau Provider, and the Service Bureau Provider has executed an Agreement with AT&T to allow Service Bureau Provider to establish access to and use of AT&T's OSS.
 - 14.2.2 CLEC's use of a Service Bureau Provider shall not relieve CLEC of the obligation to abide by all terms and conditions of this Agreement. CLEC must ensure that its agent properly performs all OSS obligations of CLEC under this Agreement, which CLEC delegates to Service Bureau Provider.

- 14.2.3 It shall be the obligation of CLEC to provide notice in accordance with the notice provisions of the Terms and Conditions of this Agreement whenever it established an agency relationship with a Service Bureau Provider or terminates such a relationship. AT&T shall have a reasonable transition time to establish a connection to a Service Bureau Provider once CLEC provides notice. Additionally, AT&T shall have a reasonable transition period to terminate any such connection after notice from CLEC that it has terminated its agency relationship with a Service Bureau Provider.
- 14.3 AT&T shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of actions or events beyond AT&T's control associated with third-party systems or equipment including systems, equipment and services provided by a Service Bureau Provider (acting as CLEC's agent for connection to AT&T's OSS) which could not be avoided by AT&T through the exercise of reasonable diligence or delays or other problems resulting from actions of a Service Bureau Provider, including Service Bureau provided processes, services, systems or connectivity.

ATTACHMENT 28: OUT OF EXCHANGE TRAFFIC

1. DEFINITIONS

- 1.1 This Appendix sets for the terms and conditions necessary for the exchange of Out of Exchange Traffic (as defined in Section 1.4).
- 1.2 Intentionally Left Blank.
- 1.3 For purposes of this Appendix only, "Out of Exchange LEC" (OE-LEC) means CLEC operating within AT&T's incumbent local exchange area and also providing telecommunications services in another ILEC's incumbent local exchange area that shares mandatory or optional calling with AT&T
- 1.4 For purposes of this Appendix only, "Out of Exchange Traffic" is defined as Section 251(b)(5) Traffic, ISP-Bound Traffic, FX, intraLATA traffic and/or InterLATA Section 251(b)(5) Traffic exchanged pursuant to an FCC approved or court ordered InterLATA boundary waiver that:
 - (i) Originates from an OE-LEC end user located in another ILEC's incumbent local exchange area and terminates to an AT&T end user located in an AT&T local exchange area or;
 - (ii) Originates from an AT&T end user located in an AT&T local exchange area and terminates to an OE-LEC end user located in another ILEC's incumbent local exchange area.

2. INTRODUCTION

- 2.1 For purposes of this Appendix, OE-LEC intends to operate and/or provide telecommunications services outside of AT&T incumbent local exchange areas and desires to interconnect OE-LEC's network with AT&T 's network(s).
- 2.2 For purposes of this Appendix, OE-LEC agrees to interconnect with AT&T pursuant to Section 251(a) of the Act.
- 2.3 Other attachments in this Agreement set forth the terms and conditions pursuant to which AT&T agrees to provide CLEC with access to lawful unbundled network elements (Lawful UNEs) under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act in AT&T 's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that AT&T is only obligated to make available Lawful UNEs and access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T 's incumbent local exchange areas. AT&T has no obligation to provide such Lawful UNEs, Collocation, Interconnection and/or Resale to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T 's incumbent local exchange areas. In addition, AT&T is not obligated to provision Lawful UNEs or to provide access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T 's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Agreement, and any associated provisions set forth elsewhere in this Agreement (including but not limited to the rates set forth in this Agreement associated with Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act), shall apply only to the Parties and be available to CLEC for provisioning telecommunication services within an AT&T incumbent local exchange area(s) in the State in which CLEC's current Interconnection Agreement with AT&T has been approved by the relevant state Commission and is in effect.

3. NETWORK MANAGEMENT

- 3.1 Each Party to this Appendix will be responsible for the accuracy and quality of its data as submitted to the respective Parties involved. Where SS7 connections exist, each Party will include the Calling Party Number (CPN) that truly and accurately reflect the location of the end user that originated and/or dialed the call in the information transmitted to the other for each call being terminated on the other's network. If one Party is passing CPN but the other Party is not properly receiving CPN, the Parties will work cooperatively to correct the problem. Where SS7 connections exist and the percentage of calls passed with CPN is greater than ninety percent (90%), all calls without CPN exchanged between the Parties will be billed as either Section 251(b)(5) Traffic, ISP-Bound Traffic, FX Traffic, Optional EAS Traffic, or intraLATA Toll Traffic in direct proportion to the minutes of use (MOU) of calls exchanged with CPN. If the percentage of calls passed with CPN is less than ninety percent (90%), all calls passed without CPN will be billed as intraLATA switched access.
- 3.2 The Parties will work cooperatively to implement this Appendix. The Parties will exchange appropriate information (for example, maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, escalation processes, etc.) to achieve this desired result.
- 3.3 Each Party will administer its network to ensure acceptable service levels to all users of its network services. Service levels are generally considered acceptable only when End Users are able to establish connections with little or no delay encountered in the network. Each Party will provide a 24-hour contact number for network traffic management issues to the other's surveillance management center.
- 3.4 Each Party maintains the right to implement protective network traffic management controls, such as "cancel to", "call gapping" or 7-digit and 10-digit code gaps, to selectively cancel the completion of traffic over its network, including traffic destined for the other Party's network, when required to protect the public-switched network from congestion as a result of occurrences such as facility failures, switch congestion or failure or focused overload. Each Party shall immediately notify the other Party of any protective control action planned or executed.
- 3.5 Where the capability exists, either Party may implement originating or terminating traffic reroutes to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes shall not be used to circumvent normal trunk servicing. Such alternative routing shall be used only when mutually agreed to by the Parties.
- 3.6 The Parties shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes to prevent or mitigate the impact of these events on the public-switched network, including any disruption or loss of service to the other Party's End Users. Facsimile (FAX) numbers must be exchanged by the Parties to facilitate event notifications for planned mass calling events.
- 3.7 The Parties agree that, unless otherwise mutually negotiated, the quality of such network connections shall be equal to that of the existing facilities that are jointly provided by each Party.
- 3.8 Joint planning and forecasting responsibilities shall be governed by the underlying agreement.

4. NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC

- 4.1 OE-LEC represents that it operates as a CLEC within AT&T exchange areas and has a Point of Interconnection ("POI") located within AT&T exchange areas for the purpose of providing telephone exchange service and exchange access in such AT&T exchange areas. Based upon the foregoing, the Parties agree that AT&T's originating traffic will be delivered to OE-LEC's existing POI arrangements in the LATA where the traffic originates in accordance with the POI requirements set forth in this Agreement. AT&T will accept OE-LEC's Out of Exchange Traffic at its tandem switch over local interconnection facilities that currently exist or may exist in the future between the Parties to or from OE-LEC's out of exchange areas to or from AT&T's end offices. When such Out of Exchange Traffic is

Section 251(b)(5) Traffic and ISP-Bound Traffic that is exchanged between the end users of OE-LEC and AT&T, the Parties agree to establish a direct final end office trunk group when traffic levels exceed one DS1 (24 DS0s) to or from an AT&T End Office.

- 4.2 The Parties agree, that at a minimum, OE-LEC shall establish a trunk group for Out of Exchange Traffic from OE-LEC to each AT&T serving tandem in a LATA. This requirement may be waived upon mutual agreement of the parties.
- 4.3 Transport facilities for 911, mass calling, OS/DA and Meet Point trunking are the responsibility of OE-LEC from OE-LEC to the serving tandem or platform that provides each such service type.
- 4.4 OE-LEC shall route originating Out of Exchange Traffic to the serving tandem as defined by the tandem owner in the LERG.
- 4.5 If AT&T is not the serving tandem as reflected in the LERG, the OE-LEC shall route Out of Exchange Traffic directly to the serving AT&T End Office.
- 4.6 Except as otherwise provided in this Appendix, for OE-LEC originated/AT&T terminated traffic or AT&T originated/ OE-LEC terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Appendix, the Parties will work cooperatively to correct the problem.
- 4.7 AT&T shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to AT&T (as reflected in the LERG). Any compensation due AT&T for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct AT&T serving tandems are reflected by AT&T in the LERG. This also includes traffic that is destined to End Offices that do not subtend AT&T tandem. AT&T shall provide notice to OE-LEC pursuant to the Notices provisions of this Agreement that such misrouting has occurred. In the notice, OE-LEC shall be given thirty (30) calendar days to cure such misrouting.
- 4.8 Neither Party shall deliver traffic destined to terminate at the other Party's End Office via a Third Party ILEC's End Office or Tandem.
- 4.9 Connection of a trunk group from OE-LEC to AT&T's tandem(s) will provide OE-LEC accessibility to End Offices, IXC's, LEC's, WSP's and NXX's which subtend that tandem(s). Connection of a trunk group from one Party to the other Party's End Office(s) will provide the connecting Party accessibility only to the NXX's served by that individual End Office(s) to which the connecting Party interconnects. Direct End Office Trunk groups that connect the Parties End Office(s) shall provide the Parties accessibility only to the NXX's that are served by that End Office(s).
- 4.10 AT&T will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-AT&T exchange areas, in AT&T Tandems and End Offices using AT&T's standard code opening timeframes.

5. INTERCARRIER COMPENSATION

- 5.1 The compensation arrangement for Section 251(b)(5) Traffic, ISP-Bound Traffic and FX traffic exchanged between the Parties shall be as set forth in the Appendix Intercarrier Compensation.

6. INTENTIONALLY LEFT BLANK

7. INTRASTATE INTRALATA INTERCOMPANY TRAFFIC

- 7.1 The compensation arrangement for Intrastate IntraLATA Traffic exchanged between the Parties shall be as set forth in the Appendix Intercarrier Compensation.

8. MEET-POINT-BILLING (MPB) and SWITCHED ACCESS TRAFFIC COMPENSATION

- 8.1 Intercarrier compensation for Switched Access Traffic shall be on a MPB basis as described in the Appendix Intercarrier Compensation.

9. INTERLATA SECTION 251(B)(5) TRAFFIC

- 9.1 AT&T will exchange AT&T InterLATA Section 251(b)(5) Traffic that is covered by an FCC approved or court ordered InterLATA boundary waiver. AT&T will exchange such traffic using two-way direct final trunk groups (i) via a facility to OE-LEC's POI in the originating LATA, or (ii) via a facility meet point arrangement at or near the exchange area boundary ("EAB"), or (iii) via a mutually agreed to meet point facility within the AT&T exchange area covered under such InterLATA waiver. If the exchange where the traffic is terminating is not an AT&T exchange, AT&T shall exchange such traffic using a two-way DF trunk group (i) via a facility to OE-LEC's POI within the originating LATA or (ii) via a mutually agreed to facility meet point arrangement at or near the EAB. AT&T will not provision or be responsible for facilities located outside of AT&T exchange areas.
- 9.2 The Parties agree that the associated traffic from each AT&T End Office will not alternate route.
- 9.3 OE-LEC must provide AT&T a separate ACTL and Local Routing Number (LRN) specific to each InterLATA local calling arrangement covered by an FCC approved or court ordered InterLATA boundary waiver.
- 9.4 Except as otherwise provided in this Appendix, for OE-LEC originated/AT&T terminated traffic or AT&T originated/ OE-LEC terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Appendix, the Parties will work cooperatively to correct the problem.
- 9.5 AT&T shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to AT&T (as reflected in the LERG). Any compensation due AT&T for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct AT&T serving tandems are reflected by AT&T in the LERG. This also includes traffic that is destined to End Offices that do not subtend AT&T tandem. AT&T shall provide notice to OE-LEC pursuant to the Notices provisions of this Agreement that such misrouting has occurred. In the notice, OE-LEC shall be given thirty (30) calendar days to cure such misrouting.
- 9.6 AT&T will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-AT&T exchange areas, in AT&T Tandems and End Office(s) using AT&T's standard code opening timeframes.
- 9.7 The compensation arrangement for InterLATA Section 251(b)(5) Traffic shall be governed by the compensation terms and conditions for Section 251(b)(5) Traffic in the Appendix Intercarrier Compensation.

Line	OHIO - Generic Pricing Sheet			USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)	Non-Recurring Rate (Additional)
1	<u>NETWORK ELEMENTS</u>						
2	<u>Loops</u>						
3		2-Wire Analog - Metro (Access Area B)		U2HXB	\$ 9.46	See NRC prices below	
4		2-Wire Analog - Suburban (Access Area C)		U2HXC	\$ 12.52	See NRC prices below	
5		2-Wire Analog - Rural (Access Area D)		U2HXD	\$ 13.65	See NRC prices below	
6		2-Wire Ground Start, Analog - Metro (Access Area B)		U2JXB	\$ 8.61	See NRC prices below	
7		2-Wire Ground Start, Analog - Suburban (Access Area C)		U2JXC	\$ 13.50	See NRC prices below	
8		2-Wire Ground Start, Analog - Rural (Access Area D)		U2JXD	\$ 14.72	See NRC prices below	
9		2-Wire Ground Start, DID Business - Metro (Access Area B)		U2WXB	\$ 8.61	See NRC prices below	
10		2-Wire Ground Start, DID Business - Suburban (Access Area C)		U2WXC	\$ 13.50	See NRC prices below	
11		2-Wire Ground Start, DID Business - Rural (Access Area D)		U2WXD	\$ 14.72	See NRC prices below	
12		2-Wire COPTS Coin - Metro (Access Area B)		U2CXB	\$ 8.67	See NRC prices below	
13		2-Wire COPTS Coin - Suburban (Access Area C)		U2CXC	\$ 13.76	See NRC prices below	
14		2-Wire COPTS Coin - Rural (Access Area D)		U2CXD	\$ 14.99	See NRC prices below	
15		2-Wire EKL - Metro (Access Area B)		U2KXB	\$ 9.46	See NRC prices below	
16		2-Wire EKL - Suburban (Access Area C)		U2KXC	\$ 17.15	See NRC prices below	
17		2-Wire EKL - Rural (Access Area D)		U2KXD	\$ 18.50	See NRC prices below	
18		Conditioning for dB Loss				See NRC prices below	
19		4-Wire Analog - Metro (Access Area B)		U4HXB	\$ 17.75	See NRC prices below	
20		4-Wire Analog - Suburban (Access AreaC)		U4HXC	\$ 29.31	See NRC prices below	
21		4-Wire Analog - Rural (Access Area D)		U4HXD	\$ 31.81	See NRC prices below	
22		2-Wire Digital - Metro (Access Area B)		U2QXB	\$ 10.49	See NRC prices below	
23		2-Wire Digital - Suburban (Access Area C)		U2QXC	\$ 17.10	See NRC prices below	
24		2-Wire Digital - Rural (Access Area D)		U2QXD	\$ 18.96	See NRC prices below	
25		DS1 - Metro (Access Area B)		4U1XB	\$ 31.77		
26		DS1 - Suburban (Access Area C)		4U1XC	\$ 46.79		
27		DS1 - Rural (Access Area D)		4U1XD	\$ 50.38		
28		DS3 - Metro (Access Area B)		U4D3A	\$ 335.08		
29		DS3 - Suburban (Access Area C)		U4D3B	\$ 409.73		
30		DS3 - Rural (Access Area D)		U4D3C	\$ 523.90		
31	DSL Capable Loops						
32		2-Wire xDSL Loop					
33			PSD #1 - 2-Wire xDSL Loop Access Area B- Metro	2SLA1	\$ 9.46	See NRC prices below	
34			PSD #1 - 2-Wire xDSL Loop Access Area C- Suburban	2SLA2	\$ 12.52	See NRC prices below	
35			PSD #1 - 2-Wire xDSL Loop Access Area D- Rural	2SLA3	\$ 13.65	See NRC prices below	
36							
37			PSD #2 - 2-Wire xDSL Loop Access Area B- Metro	2SLC1	\$ 9.46	See NRC prices below	
38			PSD #2 - 2-Wire xDSL Loop Access Area C- Suburban	2SLC2	\$ 12.52	See NRC prices below	
39			PSD #2 - 2-Wire xDSL Loop Access Area D- Rural	2SLC3	\$ 13.65	See NRC prices below	
40							
41			PSD #3 - 2-Wire xDSL Loop Access Area B- Metro	2SLB1	\$ 9.46	See NRC prices below	
42			PSD #3 - 2-Wire xDSL Loop Access Area C- Suburban	2SLB2	\$ 12.52	See NRC prices below	
43			PSD #3 - 2-Wire xDSL Loop Access Area D- Rural	2SLB3	\$ 13.65	See NRC prices below	
44							
45			PSD #4 - 2-Wire xDSL Loop Access Area B- Metro	2SLD1	\$ 9.46	See NRC prices below	
46			PSD #4 - 2-Wire xDSL Loop Access Area C- Suburban	2SLD2	\$ 12.52	See NRC prices below	
47			PSD #4 - 2-Wire xDSL Loop Access Area D- Rural	2SLD3	\$ 13.65	See NRC prices below	
48							
49			PSD #5 - 2-Wire xDSL Loop Access Area B- Metro	UWRA1	\$ 9.46	See NRC prices below	
50			PSD #5 - 2-Wire xDSL Loop Access Area C- Suburban	UWRA2	\$ 12.52	See NRC prices below	
51			PSD #5 - 2-Wire xDSL Loop Access Area D- Rural	UWRA3	\$ 13.65	See NRC prices below	
52							
53			PSD #7 - 2-Wire xDSL Loop Access Area B- Metro	2SLF1	\$ 9.46	See NRC prices below	
54			PSD #7 - 2-Wire xDSL Loop Access Area C- Suburban	2SLF2	\$ 12.52	See NRC prices below	
55			PSD #7 - 2-Wire xDSL Loop Access Area D- Rural	2SLF3	\$ 13.65	See NRC prices below	
56		4-Wire xDSL Loop					
57			PSD #3 - 4-Wire xDSL Loop Access Area B- Metro	4SL11	\$ 17.75	See NRC prices below	
58			PSD #3 - 4-Wire xDSL Loop Access Area C- Suburban	4SL12	\$ 29.31	See NRC prices below	
59			PSD #3 - 4-Wire xDSL Loop Access Area D- Rural	4SL13	\$ 31.81	See NRC prices below	
60		IDSL Capable Loop					
61			IDSL Loop Access Area B - Metro	UY5FB	\$ 6.38	See NRC prices below	
62			IDSL Loop Access Area C - Suburban	UY5FC	\$ 9.34	See NRC prices below	
63			IDSL Loop Access Area D - Rural	UY5FD	\$ 10.79	See NRC prices below	
64							
65	<u>Loop Non-Recurring Charges</u>						
66		Service Ordering - Per Order		SEPUP	NA	\$ 16.02	NA
67		Service Ordering - Add/Change Per Order		REAH9	NA	\$ 16.02	NA
68		Line Connection - Per Loop		SEPUC	NA	\$ 30.61	NA
69		Line Connection - Add/Change Per Loop		REAH5	NA	\$ 30.61	NA
70	<u>Loop Non-Recurring Charges (DS3 Loops)</u>						

Line	OHIO - Generic Pricing Sheet		USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)	Non-Recurring Rate (Additional)
71	##	DS3 - Administrative	NR9OY	NA	\$ 205.57	NA
72	##	DS3 - Design & Central Office	NR9O1	NA	\$ 643.36	NA
73	##	DS3 - Customer Connection	NR9O3	NA	\$ 219.32	NA
74						
75	Service Coordination fee per account, per CO.			\$ 0.48		
76						
77	LST					
78	##	Line & Station Transfer(LST) performed on CODSLAM Loop	URCLD	NA	\$ 172.76	
79						
80						
81	Loop Qualification Process					
82	**	Loop Qualification Process - Mechanized	NR98U	NA	\$0.00	NA
83	**	Loop Qualification Process - Manual	NRBXU	NA	\$ 22.50	NA
84						
85	** Interim loop qualification rates ordered by the PUCO in Docket Nos. 96-922-TP-UNC and 00-1368-TP-ATA, on March 13, 2003 and shall be subject					
86	to retroactive true-up upon the establishment of final rate(s) by the PUCO back to the later of: (1) March 13, 2003; (2) the effective date of this					
87	Agreement; or (3) the effective date of the Amendment incorporating this Pricing Sheet into the Agreement.					
88						
89	xDSL Conditioning Options					
90						
91	***	DSL Generic Conditioning all PSD's > 0KFT and < 17.5 KFT	NRMN6	NA	\$ 10.28	NA
92	***	DSL Generic Conditioning all PSD's > 17.5 KFT	NRMN7	NA	\$ 66.10	NA
93						
94	***	DSL Conditioning Options - >12KFT and < 17.5KFT				
95	***	Removal of Repeater Options	NRBXV	NA	\$0.00	NA
96	***	Removal Bridged Tap Option	NRBXW	NA	\$0.00	NA
97	***	Removal of Load Coil	NRBXZ	NA	\$0.00	NA
98	***	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT				
99	***	Removal of Repeater Options	NRBNL	NA	\$0.00	NA
100	***	Removal Bridged Tap Option	NRBNK	NA	\$0.00	NA
101	***	Removal of Load Coil	NRBNJ	NA	\$0.00	NA
102	***					
103						
104	*** On March 13, 2003, the PUCO established the following interim, non-recurring loop conditioning rates which shall apply to each CLEC in OH who					
105	ordered/orders an xDSL capable loop, the HFPL and /or the HFPL, subject to retroactive true-up upon the PUCO's establishment of final rates:					
106	For loops 17,500 feet in actual loop length or less: \$10.28; and for loops greater than 17,500 feet in actual loop length: \$66.10 ("Interim					
107	PUCO Rates"). However, due to necessary programming changes, these Interim PUCO Rates will not be implemented in OH until in or					
108	around December 2003. When implemented, the Parties acknowledge and agree that the Interim PUCO Rates shall automatically apply					
109	to this Agreement and shall replace the loop conditioning rates set forth hereinabove effective back to March 13, 2003 ("Rate Effective Date");					
110	and shall apply on a prospective basis until the establishment of final rate(s) by the PUCO. Upon the PUCO's establishment of final loop					
111	rate(s), the Interim PUCO Rates shall be subject to retroactive true-up with the PUCO final loop conditioning rate(s) back to the Rate Effective					
112	Date.					
113						
114	Remove All or Non-Excessive Bridged Tap (RABT) - MMP					
115		Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.	NRMRJ	None	\$ 245.00	
116		Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.	NRMRP	None	\$ 634.27	
117		Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental	NRMRS	None	\$ 245.00	
118		Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental	NRMRM	None	\$ 245.00	
119						
230	Cross Connects					
231		2-Wire	CXCT2	\$ 0.15	NA	
232		4-Wire	CXCT4	\$ 0.29	NA	
233		DS1/LT1 su	CXCDX	\$ 0.40	NA	
234		DS3/LT3	CXC8X	\$ 0.70	NA	
235	##	DS3 C.O. Cross-Connect to Collocation	CXCBX	\$ 30.54	NA	
236						
237	Dedicated Transport					
238		Interoffice Transport:				
239		DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	CZ4X1-X3	\$ 14.79	NA	
240		Interoffice Mileage - Per Mile - All Zones	1YZX1-X3	\$ 1.64	NA	
241		DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	CZ4W1-W3	\$ 127.75	NA	
242		Interoffice Mileage - Per Mile - All Zones	1YZB1-B3	\$ 21.61	NA	
243						
244	Multiplexing					
245		DS1 to Voice Grade	QMVX1-X3	\$ 279.80	NA	
246		DS3 to DS1	QM3X1-X3	\$ 372.85	NA	
247						
248	Dedicated Transport Cross Connects					
249		DS1	CXCDX	\$ 0.40	NA	

Line	OHIO - Generic Pricing Sheet			USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)	Non-Recurring Rate (Additional)
250		DS3		CXCEX	\$ 0.70	NA	
251							
252	Dedicated Transport Optional Features & Functions						
253		DS1	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	CLYX1-X3		\$ 402.28	
254							
255	Dedicated Transport Installation & Rearrangement Charges						
256		DS1	Administration Charge - Per Order	ORCMX	NA	\$ 394.30	
257			Design & Central Office Connection Charge - Per Circuit	NRBCL	NA	\$ 624.17	
258			Carrier Connection Charge - Per Order	NRBBL	NA	\$ 512.19	
259		DS3	Administration Charge - Per Order	ORCMX	NA	\$ 299.28	
260			Design & Central Office Connection Charge - Per Circuit	NRBCL	NA	\$ 663.29	
261			Carrier Connection Charge - Per Order	NRBBL	NA	\$ 351.77	
262							
263	Dark Fiber						
264	##	Dark Fiber Interoffice					
265	##		Dark Fiber Interoffice Termination (Per Termination per Fiber)	ULYCX	\$ 75.79	NA	
266	##		Dark Fiber Interoffice Mileage (Per Fiber per Foot)	ULNCF	\$ 0.00159	NA	
267	##		Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)	UKCJX	\$ 3.20	NA	
268	##	Inquiry (Per Request)					
269	##		Dark Fiber Interoffice Transport - NRC	NR9D6	NA	\$ 290.65	
270	##	FIRM ORDER (Per Fiber Strand)					
271	##		Administrative per Order				
272	##		Connect	NRB51	NA	\$ 11.53	
273	##		Disconnect	NR9H2	NA	\$ 10.21	
274	##		Connect	NRB52	NA	\$ 343.23	
275	##		Disconnect	NR9H3	NA	\$ 90.67	
276	##		Dark Fiber Interoffice Transport - NRC				
277	##		Connect	NRB54	NA	\$ 414.95	
278	##		Disconnect	NR9H5	NA	\$ 160.42	
279							
280	Routine Modifications						
281			Routine Modifications of Existing Facilities Charge	N3RUE	NA	ICB	
282							
283	LNP						
284	****Local Number Portability			NSR	\$0.00	NA	
285		****Pursuant to FCC Current Tariff #2, Section 4 effective from June 1, 2004 and shall cease billing					
286		effective October 1, 2004.					
287			Maintenance of Service Charge	VRP	NA	\$ 71.00	
288							
289	OTHER						
290	##	Directory Assistance					
291			Directory Assistance, per call	OPEN	\$ 0.40	NA	
292			National Directory Assistance (NDA), per call	OPEN	\$ 0.65	NA	
293			Reverse Directory Assistance (RDA), per call	OPEN	\$ 0.65	NA	
294			Business Category Search (BCS), per call	OPEN	\$ 0.65	NA	
295			Directory Assistance Call Completion (DACC), per call	OPEN	\$ 0.15	NA	
296							
297			OS/DA Automated Call Greeting and References/Rates				
298	##		Branding - Other - Initial/Subsequent Load, per switch	OPEN	NA	\$ 1,800.00	
299	##		Brand and Reference/Rate Look Up, per OS/DA call	OPEN	\$ 0.03	NA	
300	##		Branding - Facility Based - Initial/Subsequent Load				
301	##		- Branding, per trunk group	OPEN	NA	\$ 800.00	
302	##		Rate Reference - Initial Load, per state, per OCN	OPEN	NA	\$ 5,000.00	
303	##		Rate Reference - Subsequent Load, per state, per OCN	OPEN	NA	NA	\$ 1,500.00
304							
305		Operator Services					
306			Fully Automated Call Processing, per call	OPEN	\$ 0.15	NA	
307			Operator Assisted Call Processing - All Types (including Busy Line Verify [BLV] and BLV/Emergency Interrupt [BLV/I]), per work second	OPEN	\$ 0.03	NA	
308							
309	##	DA Listing					
310	##		- per listing for initial load	OPEN	NA	\$ 0.040	
311	##		- per listing for subsequent updates	OPEN	\$ 0.060		
312							
313	Ancillary Message Billing Compensation (Per Message)			OPEN	\$ 0.03	NA	
314			Non Intercompany Settlement (NICS) Billing Charge (Per Message)	Not Applicable	\$ 0.05		
315							
316	Structure Access - Poles & Ducts				Annually		
317			Poles (\$/attachment/yr.)* ##	OPEN	\$ 2.36		
318			Per Foot Conduit Occupancy Fees ##				

Line	OHIO - Generic Pricing Sheet		USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)	Non-Recurring Rate (Additional)
319		Full Duct (\$/ft/yr.)	OPEN	\$ 0.94		
320		Half Duct (\$/ft/yr)	OPEN	\$ 0.47		
321		Application fee	OPEN		\$ 200.00	
322		Unauthorized Attachment Fee per Pole			\$ 500.00	
323		Unauthorized Occupancy Fee per Conduit Foot			\$ 50.00	
324	*For (1) each one foot of usable space, or fraction thereof, occupied and (2) each					
325	additional one foot of space, or fraction thereof, rendered unusable by the attachment's presence.					
326	## Note: All pole and conduit license fees are for a period of one year from January 1 thru December 31,					
327	effective January 1, 2005 and billable semi-annually in advance in January and July of each year.					
328	New rates will be communicated to CLEC no later than November 1st for the succeeding year.					
329						
330	Emergency Number Service Access					
331		911 Selective Router Interconnection				
332		-Digital DS1 Interface	USAGE	\$ 336.44	\$ 759.98	
333		-Each DSO installed	USAGE	NA	\$ 364.69	
334		-Analog Channel Interface	EVG9X	\$ 28.72	\$ 436.62	
335		ANI/ALI/SR and Database Management				
336		- Per 100 records, rounded up to nearest 100	9S89X	\$ 5.32	\$ 709.49	
337		- Access Routing File (CD-ROM)	USAGE	\$ 25.82		
338		911 Selective Router Switch Administration				
339		-Per Selective Router	USAGE	\$ 5.55	\$ 2,645.15	
340						
341	<u>INTERCARRIER COMPENSATION</u>					
342						
343		Rate for All ISP-Bound and Section 251(b)(5) Traffic as per FCC 01-131, per MOU	USAGE	\$ 0.0007		
344						
345	TRANSIT SERVICE					
346		Tandem Switching (per minute of use)	USAGE			
347		Zone 1	USAGE	\$ 0.001098		
348		Zone 2	USAGE	\$ 0.001131		
349		Zone 3	USAGE	\$ 0.001135		
350		Zone 4	USAGE	\$ 0.001268		
351		Zone 5	USAGE	\$ 0.001819		
352						
353		Tandem Switched Termination (per minute of use)	USAGE			
354		Zones 1-5	USAGE	\$ 0.000144		
355						
356		Tandem Switched Facility (per minute of use)	USAGE			
357		Zones 1-5	USAGE	\$ 0.000022		
358						
359	BONA FIDE REQUEST					
360		Deposit			\$2,000.00	
361						
362	##	Rate elements not included in TELRIC order				
363		Per and only to the extent required by PUCO 7/11/02 order in 96-922-TP-UNC and 00-1368-TP-ATA.				
364	/1/	Does not apply to pre-existing UNE-P Migrations. This Non-Recurring Charge is the only NRC charged for New UNE-P Residential POTS				
365		Combinations. Per and only to the extent required by PUCO 7/11/02 order in 96-922-TP-UNC and 00-1368-TP-ATA application of rates				
366		is interim and subject to AT&T Ohio reservation of rights pertaining to and subject to modification as a result of reconsideration,				
367		appeal, further PUCO action, or other change of law. The Parties also acknowledge and agree that the interim rates set forth are				
368		subject to true-up or true-down pending PUCO established rates.				
369	<u>RESALE</u>			<u>RESALE DISCOUNTS</u>	<u>RESALE DISCOUNTS</u>	
370	BUSINESS			<u>RECURRING</u>	<u>NON- RECURRING</u>	
371		LOCAL EXCHANGE SERVICE				
372		Business 1 Party	RESALE	20.29%	20.29%	
373		Business - Measured	RESALE	20.29%	20.29%	
374		Customer Operated Pay Telephone (COPT)	RESALE	NA	20.29%	
375						
376		EXPANDED LOCAL CALLING				
377		Extended Area Service	RESALE	20.29%	20.29%	
378						
379		VERTICAL SERVICES				
380		Anonymous Call Rejection	RESALE	20.29%	20.29%	
381		Repeat Dialing (Auto Redial)	RESALE	20.29%	20.29%	
382		Repeat Dialing-Per Use (Auto Redial - Usage Sensitive)	RESALE	20.29%	20.29%	
383		Call Blocker	RESALE	20.29%	20.29%	
384		Call Forwarding	RESALE	20.29%	20.29%	
385		Call Forwarding - Busy Line	RESALE	20.29%	20.29%	
386		Call Forwarding - Busy Line/Don't Answer	RESALE	20.29%	20.29%	

Line	OHIO - Generic Pricing Sheet		USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)	Non-Recurring Rate (Additional)
387		Call Forwarding - Don't Answer	RESALE	20.29%	20.29%	
388		Automatic CallBack (Call Return)	RESALE	20.29%	20.29%	
389		Automatic CallBack-Per Use (Call Return - Usage Sensitive)	RESALE	20.29%	20.29%	
390		Call Trace	RESALE	20.29%	20.29%	
391		Call Waiting	RESALE	20.29%	20.29%	
392		Caller ID WithName (Calling Name)	RESALE	20.29%	20.29%	
393		Caller ID (Calling Number)	RESALE	20.29%	20.29%	
394		MultiRing Service -1 (Personalized Ring -1 Dependent Number)	RESALE	20.29%	20.29%	
395		MultiRing Service -2 (Personalized Ring - 2 Dependent Numbers)	RESALE	20.29%	20.29%	
396		Remote Access to Call Forwarding (Grandfathered)	RESALE	0.00%	0.00%	
397		Selective Call Forwarding	RESALE	0.00%	0.00%	
398		Multi-Path Call Forwarding (Simultaneous Call Forwarding)	RESALE	20.29%	20.29%	
399		Remote Call Forwarding-Per Feature	RESALE	20.29%	20.29%	
400		RCF, Interstate, Interexchange	RESALE	20.29%	20.29%	
401		RCF, Intrastate	RESALE	20.29%	20.29%	
402		RCF, Interstate, International	RESALE	20.29%	20.29%	
403		RCF, Intrastate, Interexchange	RESALE	20.29%	20.29%	
404		RCF to 800	RESALE	20.29%	20.29%	
405		RCF Additional	RESALE	20.29%	20.29%	
406		Speed Calling 8	RESALE	20.29%	20.29%	
407		Speed Calling 30	RESALE	20.29%	20.29%	
408		Three Way Calling	RESALE	20.29%	20.29%	
409		Call Screening	RESALE	20.29%	20.29%	
410		Busy Line Transfer	RESALE	20.29%	20.29%	
411		Alternate Answer	RESALE	20.29%	20.29%	
412		Message Waiting - Tone	RESALE	20.29%	20.29%	
413		Easy Call	RESALE	20.29%	20.29%	
414		Prime Number Service	RESALE	20.29%	20.29%	
415		AT&T Ohio Privacy Manager	RESALE	20.29%	20.29%	
416		Name and Number Delivery Service	RESALE	20.29%	20.29%	
417						
418		DID				
419		DID	RESALE	20.29%	20.29%	
420						
421		TRUNKS				
422		Trunk	RESALE	20.29%	20.29%	
423						
424		AIN				
425		Area Wide Networking	RESALE	20.29%	20.29%	
426		Emergency Referral Message Service (Disaster Routing Service)	RESALE	20.29%	20.29%	
427		AT&T Ohio Switch Alternate Routing (ANSAR)	RESALE	20.29%	20.29%	
428		AT&T Ohio Customer Location Alternate Routing (ACLAR)	RESALE	20.29%	20.29%	
429						
430		OTHER				
431		Grandfathered Services	RESALE	0.00%	0.00%	
432		Promotions (Greater than 90 days)	RESALE	20.29%	20.29%	
433		TouchTone (Business)	RESALE	20.29%	20.29%	
434		TouchTone (Trunk)	RESALE	20.29%	20.29%	
435						
436		Data Services				
437		Gigabit Ethernet Metropolitan Area Network (GigaMAN)	RESALE	20.29%	20.29%	
438		PBX Trunks	RESALE	20.29%	20.29%	
439		Multit-Service Optical Network (MON)	RESALE	20.29%	20.29%	
440		OCn-PTP	RESALE	20.29%	20.29%	
441		ADTS-E	RESALE	20.29%	20.29%	
442		DS0	RESALE	20.29%	20.29%	
443		DS1	RESALE	20.29%	20.29%	
444		DS3	RESALE	20.29%	20.29%	
445						
446		ISDN				
447		ISDN	RESALE	20.29%	20.29%	
448						
449		DIRECTORY ASSISTANCE / OPERATOR SERVICES				
450		Local Operator Assistance Service	RESALE	20.29%	NA	
451		Local Directory Assistance	RESALE	20.29%	NA	
452						
453		National Directory Assistance (NDA), per call	OPEN	\$ 0.65	NA	
454		Reverse Directory Assistance (RDA), per call	OPEN	\$ 0.65	NA	
455		Business Category Search (BCS), per call	OPEN	\$ 0.65	NA	
456		Directory Assistance Call Completion (DACC), per call	OPEN	\$ 0.15	NA	

Line	OHIO - Generic Pricing Sheet			USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)	Non-Recurring Rate (Additional)
457							
458		OS/DA Automated Call Greeting and References / Rates					
459		Branding - Other - Initial/Subsequent Load, per switch			NA	\$ 1,800.00	
460		Branding and Reference/Rate Look Up, per OS/DA call			\$ 0.03		
461		Rate Reference - Initial Load, per state, per OCN			NA	\$ 5,000.00	
462		Rate Reference - Subsequent Load, per state, per OCN			NA	NA	\$ 1,500.00
463							
464		TOLL					
465		TOLL		RESALE	20.29%	20.29%	
466							
467		OPTIONAL TOLL CALLING PLANS					
468		Optional Toll Calling Plans		RESALE	20.29%	20.29%	
469							
470		CENTREX (PLEXAR)					
471		CENTREX ACS		RESALE	20.29%	20.29%	
472		CENTREX ACS AT&T Ohio CENTREX Network Manager		RESALE	0.00%	0.00%	
473							
474		PRIVATE LINE					
475		Analog Private Lines		RESALE	20.29%	20.29%	
476		Private Line Channel Services		RESALE	20.29%	20.29%	
477							
478		RESIDENCE			<u>RESALE DISCOUNTS</u>		
479		LOCAL EXCHANGE SERVICE			<u>RECURRING</u>	<u>NON- RECURRING</u>	
480		Life Line		RESALE	0.00%	0.00%	
481		Residence 1 Party		RESALE	20.29%	20.29%	
482		Residence Measured		RESALE	20.29%	20.29%	
483							
484		EXPANDED LOCAL CALLING					
485		Extended Area Service		RESALE	20.29%	20.29%	
486							
487		VERTICAL SERVICES					
488		Anonymous Call Rejection		RESALE	20.29%	20.29%	
489		Repeat Dialing (Auto Redial)		RESALE	20.29%	20.29%	
490		Repeat Dialing -Per Use (Auto Redial - Usage Sensitive)		RESALE	20.29%	20.29%	
491		Call Blocker		RESALE	20.29%	20.29%	
492		Call Forwarding		RESALE	20.29%	20.29%	
493		Call Forwarding - Busy Line		RESALE	20.29%	20.29%	
494		Call Forwarding - Busy Line/Don't Answer		RESALE	20.29%	20.29%	
495		Call Forwarding - Don't Answer		RESALE	20.29%	20.29%	
496		Automatic Call-Back (Call Return)		RESALE	20.29%	20.29%	
497		Automatic Call-Back Per Use (Call Return - Usage Sensitive)		RESALE	20.29%	20.29%	
498		Call Trace		RESALE	20.29%	20.29%	
499		Call Waiting		RESALE	20.29%	20.29%	
500		Caller ID with Name (Calling Name)		RESALE	20.29%	20.29%	
501		Caller ID (Calling Number)		RESALE	20.29%	20.29%	
502		Multi-Ring Service - 1 (Personalized Ring- 1 dependent number)		RESALE	20.29%	20.29%	
503		Multi-Ring Service - 2 (Personalized Ring - 2 dependent numbers - 1st dependent number)		RESALE	20.29%	20.29%	
504		Remote Access to Call Forwarding (GF)		RESALE	0.00%	0.00%	
505		RCF, Interstate, Interexchange		RESALE	20.29%	20.29%	
506		RCF, Intrastate		RESALE	20.29%	20.29%	
507		RCF, Interstate, International		RESALE	20.29%	20.29%	
508		RCF, Intrastate, Interexchange		RESALE	20.29%	20.29%	
509		RCF to 800		RESALE	20.29%	20.29%	
510		RCF Additional		RESALE	20.29%	20.29%	
511		Selective Call Forwarding		RESALE	20.29%	20.29%	
512		Speed Calling 8		RESALE	20.29%	20.29%	
513		Three Way Calling		RESALE	20.29%	20.29%	
514		Call Screening		RESALE	20.29%	20.29%	
515		Busy Line Transfer		RESALE	20.29%	20.29%	
516		Alternate Answer		RESALE	20.29%	20.29%	
517		Message Waiting - Tone		RESALE	20.29%	20.29%	
518		Easy Call		RESALE	20.29%	20.29%	
519		AT&T Ohio Privacy Manager		RESALE	20.29%	20.29%	
520		Name and Number Delivery Service		RESALE	20.29%	20.29%	
521							
522		ISDN					
523		ISDN		RESALE	20.29%	20.29%	
524							

Line	OHIO - Generic Pricing Sheet			USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)	Non-Recurring Rate (Additional)
525		OTHER					
526							
527		Grandfathered Services		RESALE	0.00%	0.00%	
528		Promotions (Greater than 90 Days)		RESALE	20.29%	20.29%	
529		TouchTone		RESALE	20.29%	20.29%	
530		Home Services Packages		RESALE	20.29%	20.29%	
531							
532		TOLL					
533							
534		Custom and Dedicated 800 Service (Home 800)		RESALE	20.29%	20.29%	
535		IntraLATA MTS		RESALE	20.29%	20.29%	
536		900/976 Call Blocking (900/976 Call Restriction)		RESALE	20.29%	20.29%	
537		976 (976 Information Delivery Service)		RESALE	20.29%	20.29%	
538		Access Services (See Current Access Tariff)		RESALE	0%	0%	
539		Additional Directory Listings		RESALE	20.29%	20.29%	
540		Carrier Disconnect Service (Company Initiated Suspension Service)		RESALE	20.29%	20.29%	
541		Connection Services		RESALE	20.29%	20.29%	
542		Premise Services/Line Backer (Maintenance of Service Charges)		RESALE	0%	0%	
543		Shared Tenant Service		RESALE	0%	0%	
544		Toll Restriction		RESALE	20.29%	20.29%	
545		Restoral of Service Charge		RESALE	0%	0%	
546							
547	Electronic Billing Information Data (daily usage)			RESALE	\$0.00		
548	per message						
549							
550	Local disconnect Report (LDR)						
551	Per WTN			RESALE	\$0.00		
552							
553	Line Connection Charge						
554	Complex (Residence)			RESALE		20.29%	
555	Complex (Business)			RESALE		20.29%	
556	Simple (Residence)			RESALE		20.29%	
557	Simple (Business)			RESALE		20.29%	
558							
559	Service Order/Service Request Charge						
560	Complex (Residence)			RESALE		20.29%	
561	Complex (Business)			RESALE		20.29%	
562	Simple (Residence)			RESALE		20.29%	
563	Simple (Business)			RESALE		20.29%	
564							
565	Non-Electronic (Manual) Service Order Charge						
566	Complex (Residence)			RESALE		\$ 9.02	
567	Complex (Business)			RESALE		\$ 9.02	
568	Simple (Residence)			RESALE		\$ 9.02	
569	Simple (Business)			RESALE		\$ 9.02	

	A	B	C	D	E	F
1	Line	Product Type	Rate Element Description	USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)
2	1	CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED				
3	2	REAL ESTATE				
4	3	Site Conditioning	Per Sq. Ft. of space used by CLEC	S8FWB		\$9.28
5	4	Safety & Security	Per Sq. Ft. of space used by CLEC	S8F4N		\$19.56
6	5	Floor Space Usage	Per Sq. Ft. of space used by CLEC	S8F4L	\$5.97	
7	6	COMMON SYSTEMS				
8	7	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	S8F4A	\$0.44	\$59.86
9	8	PLANNING				
10	9	Planning - Central Office	Per Sq. Ft. of space used by CLEC	S8GCA	\$0.09	\$7.55
11	10	Planning	Per Request	NRFC D		\$5,244.43
12	11	Planning - Subsequent Inter. Cabling	Per Request	NRFC E		\$2,267.04
13	12	Planning - Subsequent Power Cabling	Per Request	NRFC F		\$2,306.10
14	13	Planning - Subs. Inter./Power Cabling	Per Request	NRFC G		\$2,884.60
15	14	Planning - Non-Standard	Per Request	NRFC H		\$1,436.00
16	15	POWER PROVISIONING				
17	16	Power Panel:				
18	17	50 Amp	Per Power Panel (CLEC Provided)	NONE		
19	18	200 Amp	Per Power Panel (CLEC Provided)	NONE		
20	19	Power Cable and Infrastructure:				
21	20	Power Cable Rack	Per Four Power Cables or Quad	NONE		
22	21	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	C1F31	\$0.25	\$48.23
23	22	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GF1	\$0.25	\$48.23
24	23	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	C1F32	\$0.25	\$48.23
25	24	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	C1F33	\$0.25	\$48.23
26	25	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GF2	\$0.25	\$48.23
27	26	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	S8GF3	\$0.25	\$48.23
28	27	Equipment Grounding:				
29	28	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	S8FCR	\$0.03	\$0.92
30	29	DC POWER AMPERAGE CHARGE				
31	30	HVAC	Per 10 Amps	S8GCS	\$14.62	
32	31	Per Amp	Per Amp	S8GCR	\$10.61	
33	32	FIBER CABLE PLACEMENT				
34	33	Central Office:				
35	34	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	S8FQ9	\$4.85	\$809.13
36	35	Entrance Conduit	Per Fiber Cable Sheath	S8FW5	\$8.76	
37	36	MISCELLANEOUS & OPTIONAL COST:				
38	37	MISCELLANEOUS COSTS				
39	38	Timing Lead	Per Linear Foot	S8F45	\$0.08	\$14.81
40	39	Bits Timing	Based on two (2) leads per circuit	S8FQT	\$3.58	\$698.82
41	40	Space Availability Report	Per Premise	NRFCQ		\$168.04
42	41	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35
43	42	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35
44	43	CAGE COMMON COSTS				
45	44	AC Circuit Placement	Per Sq. Ft. (CLEC provides cage)	NRL60		\$5.29
46	45	INTERCONNECTION COSTS:				
47	46	ILEC TO CLEC CONNECTION				
48	47	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F48	\$3.86	\$156.02
49	48	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8FWU	\$3.86	\$156.02
50	49	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8FQM	\$295.42	\$3,105.79
51	50	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F46	\$6.07	\$486.89
52	51	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F47	\$115.30	\$1,809.40
53	52	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8FQN	\$5.69	\$116.67
54	53	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8FQR	\$3.58	\$698.82
55	54	CLEC TO CLEC CONNECTION				
56	55	Cable Racking and Hole for Optical	Per Cable	S8GFE	\$0.82	
57	56	Cable Racking and Hole for DS1	Per Cable	S8GFF	\$0.57	
58	57	Cable Racking and Hole for DS3	Per Cable	S8GFG	\$0.50	
59	58	Route Design		NRFCX		\$424.88
60	59	Connection for DS1	Per 28 Circuits (CLEC provides cable)	S8GFH	\$0.18	
61	60	Connection for DS3	Per Circuit (CLEC provides cable)	S8GFJ	\$0.12	
62	61	Connection for Optical	Per Cable (CLEC provides cable)	S8GFK	\$0.31	
63	62	TIME SENSITIVE ACTIVITIES				
64	63	PRE-VISITS				
65	64	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCR		\$23.23
66	65	Comm. Tech - Craft	Per 1/4 Hour	NRFC S		\$19.60
67	66	CO Manager - 1st Level	Per 1/4 Hour	NRFC T		\$19.72
68	67	Floor Space Planning - 1st Level	Per 1/4 Hour	NRFCU		\$19.24
69	68	CONSTRUCTION VISITS				
70	69	Project Manager - 1st Level	Per 1/4 Hour	NRFCV		\$19.24
71	70	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCZ		\$23.23
72	71					
73	72	CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGELESS				
74	73	REAL ESTATE				
75	74	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	S8FWC		\$92.81
76	75	Safety & Security	Per Frame (Standard Bay=10 sq ft)	S8FWG		\$195.57
77	76	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	S8F9C	\$64.21	
78	77	COMMON SYSTEMS				
79	78	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	S8FWE	\$9.35	\$760.45

	A	B	C	D	E	F
1	Line	Product Type	Rate Element Description	USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)
80	79	PLANNING				
81	80	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	S8GCB	\$1.13	\$75.54
82	81	Planning	Per Request	NRFCJ		\$4,601.93
83	82	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04
84	83	Planning - Subsequent Power Cabling	Per Request	NRFCF		\$2,306.10
85	84	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60
86	85	Planning - Non-Standard	Per Request	NRFCH		\$1,436.00
87	86	POWER PROVISIONING				
88	87	Power Panel:				
89	88	50 Amp	Per Power Panel (CLEC Provided)	NONE		
90	89	200 Amp	Per Power Panel (CLEC Provided)	NONE		
91	90	Power Cable and Infrastructure:				
92	91	Power Cable Rack	Per Four Power Cables or Quad	NONE		
93	92	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	C1F34	\$0.25	\$48.23
94	93	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GF1	\$0.25	\$48.23
95	94	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	C1F35	\$0.25	\$48.23
96	95	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	C1F36	\$0.25	\$48.23
97	96	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GF2	\$0.25	\$48.23
98	97	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	S8GF3	\$0.25	\$48.23
99	98	Equipment Grounding:				
100	99	Ground Cable Placement	Per Frame	S8GDB	\$0.33	\$15.32
101	100	DC POWER AMPERAGE CHARGE				
102	101	HVAC	Per 10 Amps	S8GCS	\$14.62	
103	102	Per Amp	Per Amp	S8GCR	\$10.61	
104	103	CEV, HUT & Cabinets	Per 2 inch mounting space	S8GCT	\$1.27	
105	104	FIBER CABLE PLACEMENT				
106	105	Central Office:				
107	106	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	S8FQ9	\$4.85	\$809.13
108	107	Entrance Conduit	Per Fiber Cable Sheath	S8FW5	\$8.76	
109	108	CEV, HUT & Cabinets:				
110	109	Fiber Cable Placement	Per Fiber Cable Sheath	S8GDH		\$53.58
111	110	Entrance Conduit	Per Fiber Cable Sheath	S8GDJ	\$2.61	
112	111	MISCELLANEOUS & OPTIONAL COST:				
113	112	MISCELLANEOUS COSTS				
114	113	Timing Lead	Per Linear Foot	S8F45	\$0.08	\$14.81
115	114	Bits Timing	Based on two (2) leads per circuit	S8FQT	\$3.58	\$698.82
116	115	Space Availability Report	Per Premise	NRFCQ		\$168.04
117	116	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35
118	117	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35
119	118	CAGELESS / POT BAY OPTIONS				
120	119	Standard Equipment Bay	Each (CLEC Provided)	NONE		
121	120	Non-Standard Cabinet Bay	Each (CLEC Provided)	NONE		
122	121	VF/DS0 Termination Panel	Each (CLEC Provided)	NONE		
123	122	VF/DS0 Termination Module	Each (CLEC Provided)	NONE		
124	123	DDP-1 Panel	Each (CLEC Provided)	NONE		
125	124	DDP-1 Jack Access Card	Each (CLEC Provided)	NONE		
126	125	DS3/STS-1 Interconnect Panel	Each (CLEC Provided)	NONE		
127	126	DS3 Interconnect Module	Each (CLEC Provided)	NONE		
128	127	Fiber Optic Splitter Panel	Each (CLEC Provided)	NONE		
129	128	Fiber Termination Dual Module	Each (CLEC Provided)	NONE		
130	129	CEV, HUT, CABINET				
131	130	24 Foot CEV	2 Inch Mounting Space	S8GE3	\$1.64	
132	131	16 Foot CEV	2 Inch Mounting Space	S8GE4	\$1.77	
133	132	Maxi-Hut	2 Inch Mounting Space	S8GE1	\$0.77	
134	133	Mini-Hut	2 Inch Mounting Space	S8GE2	\$1.33	
135	134	Large Cabinet	2 Inch Mounting Space	S8GEX	\$1.63	
136	135	Medium Cabinet	2 Inch Mounting Space	S8GEY	\$2.19	
137	136	Small Cabinet	2 Inch Mounting Space	S8GEZ	\$3.29	
138	137	INTERCONNECTION COSTS:				
139	138	ILEC TO CLEC CONNECTION				
140	139	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F3E	\$3.86	\$156.02
141	140	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8FWV	\$3.86	\$156.02
142	141	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8F2J	\$295.42	\$3,105.79
143	142	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F2P	\$6.07	\$486.89
144	143	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F21	\$115.30	\$1,809.40
145	144	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8F25	\$5.69	\$116.67
146	145	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8F49	\$3.76	\$495.49
147	146	CLEC TO CLEC CONNECTION				
148	147	Cable Racking and Hole for Optical	Per Cable	S8GFE	\$0.82	
149	148	Cable Racking and Hole for DS1	Per Cable	S8GFF	\$0.57	
150	149	Cable Racking and Hole for DS3	Per Cable	S8GFG	\$0.50	
151	150	Route Design		NRFCX		\$424.88
152	151	Connection for DS1	Per 28 Circuits (CLEC provides cable)	S8GFL	\$0.18	\$0.00
153	152	Connection for DS3	Per Circuit (CLEC provides cable)	S8GFM	\$0.12	\$0.00
154	153	Connection for Optical	Per Cable (CLEC provides cable)	S8GFN	\$0.31	\$0.00
155	154	PROJECT MANAGEMENT				
156	155	CEV, HUT & CABINET				
157	156	Project Coordination	Per CLEC Application	NRFCCK		\$631.17
158	157	TIME SENSITIVE ACTIVITIES				
159	158	PRE-VISITS				

	A	B	C	D	E	F
1	Line	Product Type	Rate Element Description	USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)
160	159	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCR		\$23.23
161	160	Comm. Tech - Craft	Per 1/4 Hour	NRFCS		\$19.60
162	161	CO Manager - 1st Level	Per 1/4 Hour	NRFACT		\$19.72
163	162	Floor Space Planning - 1st Level	Per 1/4 Hour	NRFCU		\$19.24
164	163	CONSTRUCTION VISITS				
165	164	Project Manager - 1st Level	Per 1/4 Hour	NRFCV		\$19.24
166	165	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCZ		\$23.23
167	166					
168	167	CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON				
169	168	REAL ESTATE				
170	169	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	S8FWC		\$92.81
171	170	Safety & Security	Per Frame (Standard Bay=10 sq ft)	S8FWG		\$195.57
172	171	Floor Space Usage	Per Linear Foot	S8GCO	\$24.87	
173	172	COMMON SYSTEMS				
174	173	Common Systems - Common	Per Linear Foot	S8GCP	\$3.62	\$294.37
175	174	PLANNING				
176	175	Planning - Central Office	Per Linear Foot	S8GCC	\$0.44	\$29.24
177	176	Planning	Per Request	NRFCJ		\$4,601.93
178	177	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04
179	178	Planning - Subsequent Power Cabling	Per Request	NRFCF		\$2,306.10
180	179	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60
181	180	Planning - Non-Standard	Per Request	NRFCH		\$1,436.00
182	181	POWER PROVISIONING				
183	182	Power Panel:				
184	183	50 Amp	Per Power Panel (CLEC provides)	NONE		
185	184	200 Amp	Per Power Panel (CLEC provides)	NONE		
186	185	Power Cable and Infrastructure:				
187	186	Power Cable Rack	Per Four Power Cables or Quad	NONE		
188	187	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	C1F31	\$0.25	\$48.23
189	188	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GF1	\$0.25	\$48.23
190	189	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	C1F32	\$0.25	\$48.23
191	190	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	C1F33	\$0.25	\$48.23
192	191	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GF2	\$0.25	\$48.23
193	192	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	S8GF3	\$0.25	\$48.23
194	193	Equipment Grounding:				
195	194	Ground Cable Placement	Per Linear Foot	S8GDC	\$0.13	\$5.93
196	195	DC POWER AMPERAGE CHARGE				
197	196	HVAC	Per 10 Amps	S8GCS	\$14.62	
198	197	Per Amp	Per Amp	S8GCR	\$10.61	
199	198	FIBER CABLE PLACEMENT				
200	199	Central Office:				
201	200	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	S8FQ9	\$4.85	\$809.13
202	201	Entrance Conduit	Per Fiber Cable Sheath	S8FW5	\$8.76	
203	202	MISCELLANEOUS & OPTIONAL COST:				
204	203	MISCELLANEOUS COSTS				
205	204	Timing Lead	Per Linear Foot	S8F45	\$0.08	\$14.81
206	205	Bits Timing	Based on two (2) leads per circuit	S8FQT	\$3.58	\$698.82
207	206	Space Availability Report	Per Premise	NRFCQ		\$168.04
208	207	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35
209	208	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35
210	209	CAGE COMMON COSTS				
211	210	Cage Preparation	Per Linear Foot	S8GCJ	\$1.00	\$157.00
212	211	INTERCONNECTION COSTS:				
213	212	ILEC TO CLEC CONNECTION				
214	213	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F3E	\$3.86	\$156.02
215	214	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8FWV	\$3.86	\$156.02
216	215	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8F2J	\$295.42	\$3,105.79
217	216	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F2P	\$6.07	\$486.89
218	217	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F21	\$115.30	\$1,809.40
219	218	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8F25	\$5.69	\$116.67
220	219	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8F49	\$3.76	\$495.49
221	220					
222	221	CLEC-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL				
223	222	REAL ESTATE				
224	223	Site Conditioning	Per Frame	S8FX5		\$92.81
225	224	Safety & Security	Per Frame	S8FX6		\$195.57
226	225	Floor Space Usage	Per Frame	S8F62	\$28.91	
227	226	COMMON SYSTEMS				
228	227	Common Systems - Standard	Per Frame	S8F64	\$10.75	
229	228	Common Systems - Non-Standard	Per Cabinet	S8F65	\$19.36	
230	229	PLANNING				
231	230	Planning	Per Request	NRM99		\$5,555.76
232	231	Planning - Subsequent Inter. Cabling	Per Request	NRMA3		\$2,224.49
233	232	Planning - Subsequent Power Cabling	Per Request	NRMAA		\$2,303.84
234	233	Planning - Subs. Inter./Power Cabling	Per Request	NRMAX		\$2,882.61
235	234	POWER PROVISIONING				
236	235	Power Cable and Infrastructure:				
237	236	Power Cable Rack	Per Four Power Cables or Quad	NONE		

	A	B	C	D	E	F
1	Line	Product Type	Rate Element Description	USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)
238	237	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	C1F37	\$0.52	
239	238	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GFO	\$0.52	
240	239	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	C1F38	\$0.52	
241	240	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	C1F39	\$0.52	
242	241	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GFP	\$0.52	
243	242	Equipment Grounding:				
244	243	Ground Cable Placement	Per Frame	S8F69	\$0.36	
245	244	DC POWER AMPERAGE CHARGE				
246	245	HVAC	Per 10 Amps	S8FXO	\$14.62	
247	246	Per Amp	Per Amp	S8FXN	\$10.61	
248	247	CEV, HUT & Cabinets	Per 2 inch mounting space	S8FXP	\$1.27	
249	248	FIBER CABLE PLACEMENT				
250	249	Central Office:				
251	250	Fiber Cable	Per Fiber Cable Sheath	S8F8F	\$11.01	\$1,971.42
252	251	Entrance Conduit	Per Fiber Cable Sheath	S8F8G	\$8.17	
253	252	CEV, HUT & Cabinets:				
254	253	Fiber Cable Placement	Per Fiber Cable Sheath	S8FXQ		\$53.58
255	254	Entrance Conduit	Per Fiber Cable Sheath	S8FXR	\$2.61	
256	255	MISCELLANEOUS & OPTIONAL COST:				
257	256	MISCELLANEOUS COSTS				
258	257	Timing Lead	Per Linear Foot	S8FXT	\$0.08	\$14.81
259	258	Bits Timing	Based on two (2) leads per circuit	S8FXS	\$3.58	\$698.82
260	259	VIRTUAL FRAME OPTIONS				
261	260	Standard Equipment Bay	Each (CLEC Provided)	NONE		
262	261	CEV, HUT, CABINET				
263	262	24 Foot CEV	2 Inch Mounting Space	S8FXZ	\$1.64	
264	263	16 Foot CEV	2 Inch Mounting Space	S8FY6	\$1.77	
265	264	Maxi-Hut	2 Inch Mounting Space	S8FXX	\$0.77	
266	265	Mini-Hut	2 Inch Mounting Space	S8FXY	\$1.33	
267	266	Large Cabinet	2 Inch Mounting Space	S8FXU	\$1.63	
268	267	Medium Cabinet	2 Inch Mounting Space	S8FXV	\$2.19	
269	268	Small Cabinet	2 Inch Mounting Space	S8FXW	\$3.29	
270	269	INTERCONNECTION COSTS:				
271	270	ILEC TO CLEC CONNECTION				
272	271	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F82	\$3.86	\$225.02
273	272	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8F83	\$3.86	\$225.02
274	273	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8F8X	\$295.42	\$3,496.22
275	274	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F8Y	\$6.07	\$651.13
276	275	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F8Z	\$115.30	\$2,186.12
277	276	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8F81	\$5.69	\$204.42
278	277	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8F84	\$10.47	\$152.71
279	278	VIRTUAL TO VIRTUAL CONNECTION				
280	279	Cable Racking and Hole for Optical	Per Cable	S8FY7	\$0.90	
281	280	Cable Racking and Hole for DS1	Per Cable	S8FY8	\$0.49	
282	281	Cable Racking and Hole for DS3	Per Cable	S8FY9	\$0.35	
283	282	Route Design		NRLWF		\$463.36
284	283	Connection for DS1	Per 28 Circuits (CLEC provides cable)	S8GFQ	\$0.41	\$0.00
285	284	Connection for DS3	Per Circuit (CLEC provides cable)	S8GFR	\$0.27	\$0.00
286	285	Connection for Optical	Per Cable (CLEC provides cable)	S8GFS	\$0.81	\$0.00
287	286	PROJECT MANAGEMENT				
288	287	CEV, HUT & CABINET				
289	288	Project Coordination	Per CLEC Application Augment	NRFCK		\$631.17
290	289	EQUIPMENT MAINTENANCE AND SECURITY ESCORT				
291	290	CENTRAL OFFICE TYPE				
292	291	Staffed CO During Normal Business Hours	Per 1/4 Hour	NRMHK		\$15.15
293	292	Staffed CO During Outside Normal Business Hours	4 Hour Minimum - Initial	NRMHN		\$242.35
294	293	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	NRMJ7		\$15.15
295	294	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	NRMJ8		\$15.15
296	295	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minimum - Initial	NRMJ9		\$242.35
297	296	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	NRML7		\$15.15
298	297	CEV, HUT & CABINET				
299	298	Per Visit	4 Hour Minimum - Initial	NRMJ9		\$242.35
300	299	Per Visit	Per 1/4 Hour - Additional	NRML7		\$15.15
301	300	ADDITIONAL LABOR ELEMENTS				
302	301	TRAINING				
303	302	Communications Tech	Per 1/2 Hour	NRMCD		\$39.21
304	303	CO Manager	Per 1/2 Hour	NRME9		\$39.45
305	304	Power Engineer	Per 1/2 Hour	NRMF9		\$38.47
306	305	Equipment Engineer	Per 1/2 Hour	NRMHJ		\$38.47
307	306	EQUIPMENT EVALUATION COST				
308	307	Equipment Engineer	Per 1/2 Hour	NRMO9		\$38.47
309	308	TEST AND ACCEPTANCE				
310	309	Communications Tech	Per 1/2 Hour	NRMP2		\$39.21
311	310					
312	311	CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON-SITE				
313	312	PLANNING				
314	313	Planning - Initial	Per Request	NRFA1		\$9,268.73
315	314	Planning - Subsequent	Per Request	NRFA2		\$1,606.77
316	315	REAL ESTATE				

	A	B	C	D	E	F
1	Line	Product Type	Rate Element Description	USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)
317	316	Land Rental	Per Square Foot	S8GEN	\$0.44	
318	317	POWER PROVISIONING				
319	318	Power Cable and Infrastructure:				
320	319	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC provides cable)	NONE		
321	320	2-200 Amp Feeds	Per 2-200 Amp Power Feeds (CLEC provides cable)	NONE		
322	321	2-300 Amp Feeds	Per 2-300 Amp Power Feeds (CLEC provides cable)	NONE		
323	322	2-400 Amp Feeds	Per 2-400 Amp Power Feeds (CLEC provides cable)	NONE		
324	323	AC Service:				
325	324	Extension of 100 Amp AC Service (Opt.)	Per Request	NRFCW		\$6,447.00
326	325	AC Usage	Per KWH	S8GEO	\$0.05	
327	326	DC POWER AMPERAGE CHARGE				
328	327	Per Amp	Per Amp	S8GCR	\$10.61	
329	328	FIBER CABLE PLACEMENT				
330	329	Fiber Installation	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	S8GF4	\$2.13	\$488.48
331	330	Entrance Fiber Racking	Per Rack/Conduit Duct	S8GDG	\$1.55	
332	331	CABLE RACK				
333	332	DC Power Cable Rack	Per Rack	S8GEP	\$13.64	\$2,667.22
334	333	Fiber Cable Rack	Per Rack	S8GEQ	\$20.63	
335	334	Interconnection Arrangement (Copper) Racking	Per Rack	S8GER	\$30.63	
336	335	CONDUIT PLACEMENT				
337	336	DC Power Cable Rack	Per Rack	S8GES		\$7,386.71
338	337	Fiber Cable Rack	Per Rack	S8GET		\$4,711.89
339	338	Interconnection Arrangement (Copper) Racking	Per Rack	S8GEU		\$5,545.50
340	339	INTERCONNECTION COSTS:				
341	340	ILEC TO CLEC CONNECTION				
342	341	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F3G	\$3.86	\$156.02
343	342	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8FWW	\$3.86	\$156.02
344	343	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8F2L	\$295.42	\$3,105.79
345	344	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F2R	\$6.07	\$486.89
346	345	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F23	\$115.30	\$1,809.40
347	346	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8F27	\$5.69	\$116.67
348	347	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8F3N	\$3.76	\$495.49
349	348					
		CLEC-PROVISIONED FACILITIES & EQUIPMENT:				
350	349	ADJACENT OFF-SITE				
351	350	PLANNING				
352	351	Planning	Per Request	NRFA3		\$1,254.32
353	352	CONDUIT				
354	353	Conduit Space	Per Innerduct	S8GEW	\$1.17	
355	354	INTERCONNECTION COSTS:				
356	355	ILEC TO CLEC CONNECTION				
357	356	Voice Grade/DS0 Arrangement	900 DS0 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	S8GF5	\$311.43	
358	357	DS1 Arrangement - DCS	28 DS1 (Hole, Racking, DCS) (CLEC Vendor Pulls and Installs Cable)	S8GF6	\$439.96	
359	358	DS1 Arrangement - DSX	28 DS1 (Hole, Racking, DSX) (CLEC Vendor Pulls and Installs Cable)	S8GF7	\$35.03	
360	359	DS1 Arrangement - MDF	450 DS1 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	S8GF8	\$311.43	
361	360	Fiber Arrangement	12 Fiber Pairs (Hole, Racking, FDF) (CLEC Vendor Pulls and Installs Cable)	S8GF9	\$9.02	
362	361					
363	362	RATES AND CHARGES FOR				
364	363	COMPLETE SPACE DISCONTINUANCE				
365	364	Application Fee	Per Request	NRFX1		\$503.95
366	365	Project Management Fee – Complete Space Discontinuance	Per Request	NRFX2		\$2,883.10
367	366	Remove Fiber Jumpers	Per linear foot	NRFX3		\$18.79
368	367	Remove Fiber Cables	Per linear foot	NRFX4		\$14.43
369	368	Remove VF/DS0 Cable	Per linear foot	NRFX5		\$2.60
370	369	Remove DS1 Cable	Per linear foot	NRFX6		\$4.89
371	370	Remove DS3 Cable (Coax)	Per linear foot	NRFX7		\$3.57
372	371	Remove Timing Cable	Per Request	NRFX8		\$9.64
373	372	Remove Power Cable-50AMP feed & below	Per linear foot	NRFX9		\$24.76
374	373	Remove Power Cable-100AMP feed & above	Per linear foot	NRFXA		\$22.73
375	374	Remove Cage Grounding Material	Each grounding lead & ground bar	NRFXB		\$1,462.85
376	375	Remove Fiber Entrance Cable	Per cable removal job	NRFXC		\$1,664.00
377	376	Infrastructure Maps & Records	Per cable removal job	NRFXD		\$104.00
378	377	Engineering Work Order	Per cable removal job	NRFXE		\$104.00
379	378	Work Group Information Distribution	Per cable removal job	NRFXF		\$104.00
380	379	Restore Floor Tile – per Standard Bay	Per Standard Bay	NRFXG		\$71.79
381	380	Floor Restoration Contractor Trip Charge	Per trip	NRFXH		\$144.63
382	381	Restore Floor Tile	Per Non-Standard Bay	NRFXJ		\$81.53
383	382					
384	383	RATES AND CHARGES FOR				
385	384	SPACE REASSIGNMENT/RESTENCILING				
386	385	Application Fee	Per Request	NRFXK		\$503.95
387	386	Project Management Fee – Space Reassignment	Per Request	NRFXL		\$2,883.10
388	387	Restencil DS0/DSL Block	Per 100 pair block	NRFXM		\$15.33
389	388	Restencil DS1 Block	Per 28 DS1s	NRFXN		\$6.02
390	389	Restencil DS3 Coax Cable	Per cable	NRFXO		\$4.90

	A	B	C	D	E	F
1	Line	Product Type	Rate Element Description	USOC	Monthly Recurring Rate	Non-Recurring Rate (Initial)
391	390	Restencil Fiber Cable Block	Per 12 pair cable	NRFXP		\$91.95
392	391	Restencil Fiber Jumper Block	Per 4 jumpers	NRFXQ		\$61.30
393	392	Restencil Power and tag cables	Per 1-4 feeds	NRFXR		\$107.28
394	393	Restencil Timing Source and tag cable	Per cable	NRFXS		\$122.60
395	394	Timing Record Book Update	Per element	NRFXT		\$45.98
396	395	Interconnection Records Update	Per element	NRFXU		\$296.61
397	396	Power Records Update	Per element	NRFXV		\$355.94
398	397	Vendor Engineering	Per Space Reassignment job	NRFXW		\$711.88
399	398					
400	399	RATES AND CHARGES FOR				
401	400	POWER REDUCTION (CABLE REMOVAL)				
402	401	Application Fee	Per Request	NRFXX		\$503.95
403	402	Project Management Fee – Power Reduction(cable removal)	Per Request	NRFXY		\$2,220.45
404	403	Remove Power Cable-50AMP feed & below	Per linear foot	NRFXZ		\$24.76
405	404	Remove Power Cable-100AMP feed & above	Per linear foot	NRFY1		\$22.73
406	405					
407	406	RATES AND CHARGES FOR				
408	407	POWER REDUCTION (REFUSING ONLY)				
409	408	Application Fee	Per Request	NRFY2		\$503.95
410	409	Project Management Fee – Power Refusing Only	50AMP A&B feeds & below	NRFY3		\$1,562.80
411	410	Project Management Fee – Power Refusing Only	100AMP A&B feeds & above	NRFY4		\$2,004.57
412	411	Power Fuse Reductions on Company BDFB	50AMP A&B feeds & below	NRFY5		\$367.81
413	412	Restencil Power and tag cables	Per 1-4 feeds	NRFY6		\$107.28
414	413	Power Records Update	Per element	NRFY7		\$355.94
415	414	Vendor Engineering	Per Space Reassignment job	NRFY8		\$711.88
416	415	Power Fuse Reductions on Power Board	100AMP A&B feeds & above	NRFY9		\$490.41
417	416	Restencil Power and tag cables	Per 1-4 feeds	NRFYA		\$107.28
418	417	Power Records Update	Per element	NRFYB		\$355.94
419	418	Vendor Engineering	Per Space Reassignment job	NRFYC		\$711.88
420	419					
421	420	RATES AND CHARGES FOR				
422	421	INTERCONNECTION TERMINATION REDUCTION				
423	422	Application Fee	Per Request	NRFYD		\$503.95
424	423	Project Management Fee – Interconnection Cable Reduction	Per Request	NRFYE		\$2,441.33
425	424	Remove VF/DS0 Cable	Per linear foot	NRFYF		\$2.60
426	425	Remove DS1 Cable	Per linear foot	NRFYG		\$4.89
427	426	Remove DS3 Cable (Coax)	Per linear foot	NRFYH		\$3.57
428	427	Remove Fiber Cables	Per linear foot	NRFYJ		\$14.43
429	428	Remove Fiber Jumpers	Per linear foot	NRFYK		\$18.79

AMENDMENT TO
INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE
TELECOMMUNICATIONS ACT OF 1996
BETWEEN
THE OHIO BELL TELEPHONE COMPANY d/b/a AT&T OHIO
AND
COX OHIO TELCOM, L.L.C.

The Interconnection Agreement by and between The Ohio Bell Telephone Company d/b/a AT&T Ohio ("AT&T") and Cox Ohio Telcom, L.L.C. ("Cox") ("Agreement") effective in the state of Ohio is hereby amended as follows:

1. Section 4 Effective Date and Term of Agreement of the General Terms and Conditions is amended by adding the following section:
 - 4.2.1.2 Notwithstanding anything to the contrary in this Section 4, the original expiration date of this Agreement, as modified by this Amendment, will be extended for a period of three (3) years from November 21, 2009 until November 21, 2012 (the "Extended Expiration Date"). The Agreement shall expire on the Extended Expiration Date; provided, however, that during the period from the effective date of this Amendment until the Extended Expiration Date, the Agreement may be terminated earlier either by written notice from Cox, by AT&T pursuant to the Agreement's early termination provisions, by mutual agreement of the parties, or upon the effective date of a written and signed superseding agreement between the parties.
2. The Parties acknowledge and agree that AT&T Ohio shall permit the extension of this Agreement, subject to amendment to reflect future changes of law as and when they may arise.
4. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
5. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
6. This Amendment shall be filed with and is subject to approval by the Public Utilities Commission of Ohio and shall become effective ten (10) days following approval by such Commission.

AMENDMENT TO THE AGREEMENT
BETWEEN
COX OHIO TELCOM, L.L.C.
AND
THE OHIO BELL TELEPHONE COMPANY d/b/a AT&T OHIO

This Amendment (the "Amendment") amends the Interconnection Agreement by and between The Ohio Bell Telephone Company d/b/a AT&T Ohio ("AT&T") and Cox Ohio Telcom, L.L.C. ("CLEC"). AT&T Ohio and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T Ohio and CLEC are Parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), approved August 24, 2006 and as subsequently amended (the "Agreement"); and

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Parties agree to delete the current Appendix Sub-Loop Elements and replace it with the new Appendix Sub-Loop Elements as attached to this amendment.
2. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
3. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
4. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
5. This Amendment shall be filed with and is subject to approval by the State Commission and shall become effective ten (10) days following approval by such Commission.

APPENDIX SUB-LOOP ELEMENTS

1. AT&T will provide sub-loop elements as Unbundled Network Elements as set forth in this Appendix pursuant to the Terms and Conditions specifically set out in Attachment 6: UNE and/or Attachment 25: DSL in this Agreement.
- 1.1 A Sub-loop is a smaller segment of AT&T's local loop plant, i.e., a portion of the loop from a point of technically feasible access beyond AT&T's central office and, up to and including, the network demarcation point, and including that portion of the loop, if any, which AT&T owns or controls inside the customer premises, including multi-unit premises.
 - 1.1.1 Point of technically feasible access. A point of technically feasible access is any point in the incumbent ILEC's outside plant where a technician can access the copper wire within a cable without removing a splice case. Such points include, but are not limited to, a pole or pedestal, the serving area interface, the network interface device, the minimum point of entry, any remote terminal, and the feeder/distribution interface. AT&T shall, upon site-specific request, provide access to a copper Sub-loop at a splice near a remote terminal. AT&T shall be compensated for providing this access in accordance with §§ 51.501 through 51.515.
2. DEFINITIONS PERTAINING TO THE SUB-LOOP:
 - 2.1 "Dead Count" refers to those binding posts which have cable spliced to them but which cable is not currently terminated to any terminal to provide service.
 - 2.2 "Demarcation Point" is defined as the point on the loop where the ILEC's control of the wire ceases and the subscriber's control (or in the case of some multiunit premises, the landlord's control) of the wire begins.
 - 2.3 "Digital Sub-loop" may be deployed on non-loaded copper cable pairs, channels of a digital loop carrier system, channels of a fiber optic transport system or other technologies suitable for the purpose of providing 160 Kbps and 1.544 Mbps Sub-loop transport.
 - 2.4 "Direct Access Terminal" ("DAT") is defined as an adjunct terminal that gives all competitive local exchange carriers and AT&T access to the Network Terminating wire at multi-tenant environments.
 - 2.5 "Distribution Cable" is defined as the cable from the SAI/FDI to the terminals from which an End User can be connected to the ILEC's network.
 - 2.6 "Distribution Terminal" is defined as any of the following facilities: an existing building entrance terminal, a "garden" terminal, an outside building terminal or a wiring closet.
 - 2.7 "Inside Wire Sub-loop" is defined for purposes of this Appendix as all loop plant owned or controlled by AT&T at a MTE customer premises as far as the point of demarcation of AT&T's network as defined in § 68.3. In MTE properties, the Inside Wire Sub-loop shall include the NID.
 - 2.8 "MTE" is a Multi Unit Premises Environment or Multi-Tenant Environment (the terms are interchangeable) for buildings with exterior or interior mounted terminals.
 - 2.8.1 "Residential Low Rise" for the purpose of Terminal to NID Sub-loop is a residential building with five stories or less.
 - 2.8.2 "Business High Rise" for the purpose of Terminal to NID Sub-loop is a business building with six stories or more.
 - 2.8.3 "Business Low Rise" for the purpose of Terminal to NID Sub-loop is a business building with five stories or less
 - 2.9 "Network Terminating Wire (NTW)" is the service wire that connects AT&T's distribution cable to the NID at the Demarcation Point.

- 2.10 "SAI/FDI-to-Term" is that portion of the loop from the SAI/FDI to an accessible terminal.
- 2.11 "SAI/FDI-to-NID" is that portion of the loop from the SAI/FDI to the Network Interface Device (NID), which is located at an end user's premise.
- 2.12 "SPOI" is defined as a Single Point of Interconnection. AT&T will construct a SPOI only to those multiunit premises where AT&T has distribution facilities to the premises and AT&T either owns, controls, or leases the inside wire, if any, at such premises. If AT&T has no facilities which it owns, controls or leases at a multiunit premise through which it serves, or can serve, customers at such premises, it is not obligated to construct a SPOI. AT&T's obligation to build a SPOI for multiunit premises only arises when CLEC indicates that it will place an order for an unbundled Sub-loop network element via a SPOI. If CLEC and AT&T are unable to negotiate terms and conditions regarding an SPOI, disputed issues, including compensation under forward-looking pricing principles, shall be resolved under the dispute resolution process.
- 2.13 "SAI/FDI" is defined as the point in the ILEC's network where feeder cable is cross connected to the distribution cable. "SAI" is Serving Area Interface. "FDI" is Feeder Distribution Interface. The terms are interchangeable.
- 2.14 "Terminal-to-NID" Sub-loop extends from a Distribution Terminal or a Direct Access Terminal to a NID located within an end user's premise. Terminal-to-NID includes use of the Network Terminating Wire (NTW), the Distribution Terminal, the Direct Access Terminal, the NID and Inside Wire Sub-loop.
- 2.15 "ECS-to-SAI/FDI" is that portion of the loop from the ECS to the SAI/FDI.
- 2.16 "ECS-to-Term" is that portion of the loop from the ECS to the accessible terminal.
- 2.17 "ECS-to-NID" is that portion of the loop from the ECS to the NID, which is located at an end user's premise. ECS-to-NID includes use of the Network Terminating Wire (NTW) and Inside Wire Sub-loop.
- 3. AT&T WILL OFFER THE FOLLOWING SUB-LOOP TYPES:
 - 3.1 2-Wire Analog Sub-loop provides a 2-wire (one twisted pair cable or equivalent) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).
 - 3.2 4-Wire Analog Sub-loop provides a 4-wire (two twisted pair cables or equivalent, with separate transmit and receive paths) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).
 - 3.3 Intentionally Left Blank.
 - 3.4 xDSL Sub-loop is defined in Attachment 25: xDSL and will be available to CLEC in AT&T's incumbent local exchange areas where CLEC has an approved and effective Attachment 25: xDSL as part of this Agreement. In addition to the provisions set forth in Attachment 25: xDSL, the xDSL Sub-loop is subject to the Sub-loop terms and conditions set forth in this Appendix Sub-loop Elements, the collocation provisions set forth elsewhere in this Agreement, and the rates set forth in the Pricing Schedule. If there is any conflict between the provisions set forth in Attachment 25: xDSL as to the xDSL Sub-loop and the Sub-loop provisions set forth in this Appendix Sub-loop Elements, the Sub-loop provisions set forth in this Appendix Sub-loop Elements control.
 - 3.5 ISDN Sub-loop is a 2-Wire digital offering which provides a transmission path capable of supporting a 160 Kbps, Basic Rate ISDN (BRI) service that utilizes 2B1Q line code modulation with end user capacity up to 144 Kbps.
 - 3.6 Inside Wire Sub-loops using fiber.
 - 3.7 With respect to CLEC's request for unbundled Sub-loops within MTEs, AT&T shall make available all of the types of Sub-loops listed above, plus high-capacity DS1 and DS3 fiber optic Sub-loops, to enable CLEC to access customer premises in such MTEs. No collocation requirement exists with respect to Inside Wire Sub-loops. CLEC shall be allowed to access these Sub-loops at any technically feasible terminal point at or near a multi-tenant building/property in any technically feasible manner.

4. ACCESS TO TWISTED-PAIR COPPER SUB-LOOPS:

4.1 Access to terminals for twisted-pair copper Sub-loops is defined to include, but is not limited to:

- any technically feasible point near the customer premises accessible by a cross-connect (such as the pole or pedestal, the NID, or the minimum point of entry (MPOE) to the customer premises),
- the Feeder Distribution Interface (FDI) or Serving Area Interface (SAI), where the “feeder” leading back to the central office and the “distribution” plant branching out to the subscribers meet,
- the Terminal (underground or aerial),
- Engineering Controlled Splice,
- Distribution Terminal on a temporary basis for Terminal-to-NID Sub-loops,
- Direct Access Terminal for Terminal-to-NID Sub-loops.

5. CLEC MAY REQUEST ACCESS TO THE FOLLOWING TWISTED-PAIR COPPER SUB-LOOP SEGMENTS INCLUDING, BUT NOT LIMITED TO:

FROM:	TO:
1. Serving Area Interface Distribution Interface	Terminal
2. Serving Area Interface	Network Interface Device
3. Terminal	Network Interface Device
4. NID	Stand Alone
5. *SPOI (Single Point of Interface)	Stand Alone
6. Engineering Controlled Splice (ECS)	Serving Area Interface or Feeder Distribution Interface
7. Engineering Controlled Splice (ECS)	Terminal
8. Engineering Controlled Splice (ECS)	Network Interface Device

*Provided using the BFR Process. In addition, if CLEC requests an Interconnection Point which has not been identified, CLEC will need to submit a BFR.

6. HIGH CAPACITY SUB-LOOPS:

6.1 Access to terminals for DS1 and DS3 high capacity Sub-loops is defined to include, but is not limited to:

- 6.1.1 any technically feasible point near the customer premises accessible by a cross-connect (such as the pole or pedestal or the minimum point of entry (MPOE) to the customer premises),
- 6.1.2 the Remote Terminal (RT),
- 6.1.3 the Terminal (underground or aerial).

6.2 CLEC may obtain access to the DS1 or DS3 high-capacity Sub-loop segment between the Central Office Point of Termination (POT) and the Remote Terminal Point of Termination (POT) when CLEC is providing narrowband services.

6.3 CLEC may obtain access to DS1 and DS3 inside Wire Sub-loops at any technically feasible point at the multi-tenant building/property.

7. Unbundled DS1 and DS3 Sub-loops may not be employed in combination with transport facilities to replace special access services or facilities, except consistently with the other terms and conditions of this Agreement, including but not limited to Section 2.20 of Attachment 6.

8. PROVISIONING:

8.1 Connecting Facility Arrangement (CFA) assignments must be in place prior to ordering and assigning specific Sub-loop circuit(s).

- 8.2 Spare Sub-loop(s) will be assigned to CLEC only when an LSR/ASR is processed. LSR/ASRs will be processed on a "first come first serve" basis.

9. MAINTENANCE:

- 9.1 The Parties acknowledge that by separating switching, feeder plant and distribution plant, the ability to perform mechanized testing and monitoring of the Sub-loop from the AT&T switch/testing equipment will be lost.
- 9.2 CLEC shall isolate trouble to the AT&T Sub-loop portion of CLEC's service before reporting trouble to AT&T.
- 9.3 AT&T shall charge CLEC a Maintenance of Service Charge (MSC) when CLEC dispatches AT&T on a trouble report and the fault is determined to be in CLEC's portion of the loop. The AT&T MSC may be found in the Pricing Schedule or tariffs.
- 9.3.1 In the event that both AT&T and CLEC perform an initial dispatch and the trouble is not resolved, a vendor meet will be scheduled between AT&T technician and CLEC technician. Following the vendor meet, if the trouble is determined to be in CLEC's portion of the loop, an additional Maintenance of Service charge will be applied. If the trouble is determined to be in AT&T's portion of the loop, the trouble will be resolved, and prior Maintenance of Service charges will be credited.
- 9.4 In the event of Catastrophic Damage to the RT, SAI/FDI, Terminal, DAT or NID where CLEC has a SAA, AT&T repair forces will restore service in a non-discriminatory manner and such that the greatest number of all customers will be restored in the least amount of time. Should CLEC cabling require replacement, AT&T will provide prompt notification to CLEC for CLEC to provide the replacement cable to be terminated as necessary.

10. SUB-LOOP ACCESS ARRANGEMENTS:

- 10.1 Prior to ordering Sub-loop facilities, CLEC will establish Collocation using the Collocation process as set forth in the Collocation Appendix, or will establish a Sub-loop Access Arrangement (SAA) utilizing the Special Construction Arrangement (SCA), either of which are necessary to interconnect to the AT&T Sub-loop network. The SAA will be required for all Sub-loops. The Terminal to NID Sub-loop will require a Distribution Terminal for temporary access or a DAT for other than temporary access to the Terminal to NID Sub-loop pairs. CLEC is not required to have a collocation arrangement in the Central Office in order to establish a SAA.
- 10.2 AT&T's assigned Account Manager will serve as the Primary Point of Contact to be an AT&T interface during the planning, engineering, and provisioning of the SAA or the Terminal to NID Direct Access Terminal.
- 10.3 The Direct Access Terminal ("DAT").
- 10.3.1 AT&T's Direct Access Terminal ("DAT") will be installed by AT&T in response to submission of a SAA order by CLEC in order to provide direct access to Terminal to NID Sub-loops, as set out in Section 14.
- CLEC will submit a SAA inquiry/application for a particular MTE prior to, or at the time, a customer orders telephone service from CLEC. CLEC will use best efforts to submit the SAA before the need for any Terminal-to-NID Sub-loop arises.
 - If needed, AT&T will be responsible for obtaining the permission of property owners to place the equipment necessary for the DAT. If needed, AT&T will be responsible for obtaining rights of way from owners of property where the equipment necessary for the DAT will be placed.
 - When extending the wiring from AT&T's terminal or other facility to the new DAT, AT&T technicians will exercise care to limit end-user service interruptions. See also Section 14.4.6 below.
 - AT&T will follow its Engineering guidelines when placing DAT. Under no circumstance will DAT pairs be "bridged" or arranged in a way which would make it possible for the customer to receive dial tone from two separate sources.

- e. Following its installation, the DAT will be the only point where *any* technician (including AT&T's technicians) may access Terminal-to-NID wiring.
- f. There will be no recurring or non-recurring charge associated with the installation or use of the Direct Access Terminal or associated SAA order. The contracted Terminal-to-NID Sub-loop charges will apply consistent with the rates in Section 10.3.2.1(b) below.
- g. When CLEC submits a SAA inquiry/application for a particular MTE, AT&T will notify CLEC when the DAT for that MTE has been installed (the "DAT Complete" notification).

10.3.2 Accessing Terminal-to-NID Sub-loops via the DAT.

10.3.2.1 Except in the case of temporary access authorized by this Appendix, CLEC will access all Terminal-to-NID Sub-loops only via the DAT.

- a. Prior to using a Terminal-to-NID Sub-loop CLEC will submit a Change Order LSR to establish billing for each Terminal-to-NID Sub-loop.
- b. The Terminal-to-NID sub-loop applicable rates will be described in Attachment 06 "UNE Price Schedule."
- c. CLEC and AT&T technicians will comply with AT&T's OHIO standard installation practices when using direct access to AT&T's Terminal-to-NID Sub-loops at the DAT, according to the most recent training materials provided by AT&T.
- d. From time to time, AT&T will provide CLEC training material specifying AT&T's standard procedures for accessing Terminal-to-NID Sub-loops at the DAT. CLEC will ensure that every CLEC technician responsible for directly accessing Sub-loops at the DAT is trained to do so according to AT&T's standard procedures and adheres to such procedures in practice.

- 10.4 The space available for collocating or obtaining various SAA's or access terminals will vary depending on the existing plant at a particular location. CLEC will initiate an SCA by submitting a SAA Inquiry/Application.
- 10.5 Upon receipt of a complete and correct SAA Inquiry/Application, AT&T will provide to CLEC within thirty (30) days a written estimate for the actual construction, labor, materials, and related provisioning costs incurred to fulfill the SCA on a Time and Materials basis. For a SAA Inquiry/Application requesting Direct Access Terminals, there will be no costs charged to CLEC.
- 10.6 The assignment of Sub-loop facilities will incorporate reasonable practices used to administer outside plant loop facilities, and will take into account that competitive local exchange carriers, unlike AT&T, may not require as many Sub-loop facilities. For example, where SAI/FDI interfaces are currently administered in 25 pair cable complements, CLEC may request and will be assigned a smaller number of cable pairs, but will be charged in 25 pair splicing increments.
- 10.7 Sub-loop inquiries do not serve to reserve Sub-loop(s).
- 10.8 Several options exist for Collocation or SAAs at technically feasible points. Sound engineering judgment will be utilized to ensure network security and integrity. Each situation will be analyzed on a case-by-case basis.
- 10.9 Prior to submitting the request for SCA, CLEC will be responsible for obtaining rights of way from owners of property where AT&T will place the equipment necessary for the SAA; provided, however, that CLEC will not be responsible for obtaining rights of way from owners of property where the equipment necessary for the DAT will be placed.
- 10.10 If needed, prior to submitting the SAA Inquiry/Application for SCA, CLEC should have the Structure Access appendices in the Agreement to provide the guidelines for both CLEC and AT&T to successfully implement Sub-loops, should collocation, access to poles/conduits or rights of way be required.
- 10.11 Except as set forth below, construction of the SAA shall take up to ninety (90) days to complete depending upon project size and scope. The time period begins when CLEC submits to AT&T written approval and

payment of not less than 50% of the total estimated construction costs and related provisioning costs after an estimate has been accepted by CLEC and before construction begins, with the balance payable upon completion. AT&T will not begin any construction under the SCA until CLEC has provided proof that it has obtained any necessary access to rights-of-way as defined in Section 10.9. In the event CLEC disputes the estimate for an SAA in accordance with the dispute resolution procedures set forth in the General Terms and Conditions, Section 13, of this Agreement, AT&T will proceed with construction of the SAA upon receipt from CLEC of notice of the dispute and not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the SAA. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

For Direct Access Terminals, AT&T will complete the installation in a time frame mutually agreed upon by the parties at no cost to CLEC.

- 10.12 Upon completion of the construction activity for the SAA, CLEC will be allowed to test the installation with an AT&T technician. If CLEC desires test access to the SAA, CLEC must place its own test point in its cable prior to cable entry into AT&T's interconnection point.
- 10.13 Once all SAA's have been completed and any balance of payment due is received by AT&T, CLEC may place a Change Order LSR for Sub-loops at this location. Prices at which AT&T agrees to provide CLEC with Unbundled Network Elements (UNE) are contained in the Pricing Schedule.
- 10.14 A non-binding CLEC forecast shall be required as a part of the request for a SAA, identifying the estimated number of Sub-loops required for line-shared and non line-shared arrangements to each subtending SAI. This will allow AT&T to properly engineer access to each SAI and to ensure AT&T does not provide more available terminations than CLEC expects to use.
- 10.15 In order to maximize the availability of terminations for all competitive local exchange carriers, CLEC shall provide CFA for its Sub-loop pairs utilizing the same 25-pair binder group for accessing Sub-loops at a SAA. CLEC would begin utilizing the second 25-pair binder group once the first 25-pair binder group reached its capacity.
- 10.16 Unused CLEC terminations (in normal splicing increments such as 25-pair at a SAI/FDI) for SAA Sub-loops which remain unused for a period of one (1) year after the completion of construction of the SCA shall be subject to removal by AT&T if such terminations are needed by AT&T to fulfill a request for service. AT&T shall provide CLEC forty-five (45) days' advance written notice of AT&T's need for such unused terminations and a date on which it intends to remove the unused terminations.
- 10.17 In the event CLEC elects to discontinue use of an existing SAA, or abandons such Arrangement by failing to remove its facilities within thirty (30) days of receipt of notice from AT&T, CLEC shall pay AT&T for removal of CLEC's facilities from the SAA.

11. SUB-LOOP ACCESS ARRANGEMENT ACCESS POINTS:

11.1 SAI/FDI or Accessible Terminal

- 11.1.1 CLEC cable to be terminated in an AT&T SAI/FDI, or Accessible Terminal, shall consist of 22 or 24-gauge copper twisted pair cable bonded and grounded to the power company Multi Grounded Neutral (MGN). Cable may be filled if buried or buried to aerial riser cable. CLEC's Aerial cables should be aircore.
- 11.1.2 CLEC may elect to place its cable to within three (3) feet of the SAA site or Direct Access Terminal and coil up an amount of cable, defined by AT&T's and CLEC's engineer in the design phase, that AT&T will terminate on available binding posts in the SAI/FDI or Direct Access Terminal.
- 11.1.3 CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, which will be scheduled by mutual agreement, but not more than five (5) days from the date of CLEC's request for a Sub-loop arrangement or Terminal to NID Direct Access Terminal. AT&T will stub out a cable from the SAI/FDI, which AT&T will splice to the cable at the meet point. AT&T will terminate all

temporary Terminal-to-NID sub-loops from the Distribution Terminal to the DAT upon AT&T'S installation of the DAT.

- 11.1.4 For Sub-loops other than Terminal-to-NID Sub-loops, dead counts will be offered as long as they have not been placed for expansion purposes and such expansion is planned to occur within a twelve (12) month period beginning on the date of CLEC's submission of the inquiry LSR.
 - 11.1.5 Exhausted termination points in a SAI/FDI. AT&T will notify CLEC within thirty (30) days if a Sub-loop termination CLEC has requested to a SAI/FDI is "exhausted." For purposes of this Section 11.1.5, "exhausted" means that SAI/FDI's termination points are all terminated to assignable cable pairs. AT&T may choose to increase capacity of the SAI/FDI by the method of its choice. If AT&T chooses to increase capacity, it will so notify CLEC within ten (10) business days of the date on which CLEC requested the Sub-loop termination and will include in the notice AT&T's written estimate of the construction, labor, materials and related provisioning costs on a Time and Materials basis. CLEC shall not be billed for the cost of increasing capacity, but only for its SAA. Construction of the increased capacity and the SAA will begin as provided for in Section 10.11.
 - 11.1.6 Exhausted Termination Points in a Terminal. AT&T will notify CLEC within thirty (30) business days if a Sub-loop termination CLEC has requested to a SAA is "exhausted." For purposes of this Section 11.1.6, "exhausted" means that SAA's termination points are all terminated to assignable cable pairs. AT&T may choose to increase the capacity of the SAA or to construct an adjacent termination facility to accommodate the CLEC facilities. If AT&T chooses to increase capacity, it will so notify CLEC within ten (10) business days of the date on which CLEC requested the Sub-loop termination and will include in the notice AT&T's written estimate of the construction, labor, materials and related provisioning costs on a Time and Materials basis. CLEC shall not be billed for the cost of increasing capacity or constructing an adjacent termination facility, but only for its SAA. Construction of the increased capacity or adjacent termination facility and the SAA will begin as provided for in Section 10.11.
12. RELOCATION OF EXISTING ILEC/CLEC FACILITIES INVOLVED IN AN SAA AT AN RT, SAI/FDI, TERMINAL, DAT OR NID:
 - 12.1 AT&T shall notify CLEC of pending relocation as soon as AT&T receives such notice from the property owner or governmental entity that it must relocate its ILEC facilities.
 - 12.2 CLEC shall notify AT&T of its intentions to remain, or not, in the SAA by way of a new SAA Inquiry/Application for a new SCA. If AT&T receives no response to such notice, CLEC shall be deemed to have determined not to remain and its facilities will be removed and CLEC billed as provided in Section 12.7 below.
 - 12.3 AT&T shall then provide CLEC an estimate of actual cost to terminate CLEC's facilities as part of the relocation of the site including the applicable SAA. This process may require a site visit with CLEC and AT&T engineer. Any costs associated with relocation of a DAT will be borne solely by AT&T.
 - 12.4 For other than DAT relocation, CLEC shall notify AT&T of acceptance or rejection of the new SCA within ten (10) business days of its receipt of AT&T's estimate.
 - 12.5 Upon acceptance of the AT&T estimate, CLEC shall pay at least 50% of the relocation costs at the same time as it notifies AT&T of its acceptance of estimated costs. CLEC shall pay no costs associated with relocation of a DAT.
 - 12.6 If CLEC decides not to continue the SAA, CLEC will notify AT&T as to the date that AT&T may remove CLEC's facilities from that SAA. CLEC will pay AT&T for all actual itemized costs incurred by AT&T associated with the removal of CLEC's SAA.
 - 12.7 In the event that CLEC does not timely respond to AT&T's notice but does notify AT&T of its intention to continue the SAA, AT&T shall move CLEC's facilities and submit a bill for payment to CLEC for the costs associated with the relocation. If CLEC fails to pay this bill, AT&T will remove CLEC's facilities from the site upon thirty (30) days notice to CLEC.

13. INTENTIONALLY OMITTED

14. DIRECT ACCESS TO TERMINAL-TO-NID MTE SUB-LOOP

- 14.1 AT&T shall provide direct access to its Terminal-to-NID Sub-Loops according to the provisions of this Appendix. Except as provided in Section 14.4, direct access to the Terminal-to-NID Sub-Loop shall be available only from the DAT. The DAT will be provided at CLEC's request at no cost to CLEC, as provided in Section 10.3.
- 14.2 CLEC may directly access Terminal-to-NID Sub-Loop from the DAT by applying AT&T's standard installation practices without an AT&T technician being present.
- 14.3 Requirements
- 14.3.1 Where AT&T owns or controls the Inside Wire Sub-loop on MTE premises, AT&T shall provide a Terminal-to-NID Sub-Loop through a DAT that is suitable for use by multiple carriers.
- 14.3.2 All Terminal-to-NID Sub-Loops (working and spares) will be accessible through the DAT.
- 14.3.3 AT&T shall not be required to install new or additional Inside Wire Sub-loops.
- 14.3.4 Prior to using or ordering a Terminal to NID Sub-Loop, CLEC shall submit a complete and accurate sub-loop SAA inquiry/application to initiate the DAT installation. Upon the receipt of the SAA inquiry/application, AT&T shall install a DAT that allows CLEC direct access to the Terminal to NID Sub-Loop. The DAT shall be installed within a timeframe agreed to by the Parties and shall be at no cost to CLEC. CLEC may meet with AT&T at the site of the requested access to discuss the location and type of DAT to be used. At CLEC's request, AT&T will install the DAT either adjacent to each AT&T Distribution Terminal.
- 14.3.5 The submission of the SAA Inquiry/Application will serve as authorization by CLEC for AT&T to install the requested DAT so no further authorization will be required.
- 14.3.6 Prior to utilizing a Terminal-to-NID Sub-Loop, CLEC will notify AT&T of such use by placing a Change Order service order using the LSR form. CLEC will be billed and CLEC will pay the non-recurring and recurring charges for the Terminal to NID Sub-Loop at the time it notifies AT&T it is utilizing the pair(s).
- 14.3.7 CLEC shall access any available Sub-loops at the DAT. A Sub-loop is available when it is not being utilized to provide service or where the End-User has requested a change in its local service provider to CLEC. Prior to connecting the CLEC service on a Sub-loop previously used by AT&T, CLEC is responsible for ensuring the End User is no longer using AT&T's service, or another carrier's service, before accessing Terminal to NID Sub-loops. If a customer switches service from CLEC to AT&T, or from AT&T to CLEC, the carrier to which service is switched is responsible for ensuring the End User is no longer using the previous carrier's service before accessing Terminal to NID Sub-loops.
- 14.3.8 If a trouble exists on a Terminal-to-NID Sub-loop, CLEC may use an alternate spare Sub-loop that serves that customer if available. In such cases, CLEC will re-terminate its existing jumper from the defective Sub-loop to the spare Sub-loop. Alternatively, CLEC will isolate and report troubles in the manner specified by AT&T. CLEC must tag the Terminal-to-NID Sub-loop pair that requires repair. If AT&T dispatches a technician on a reported trouble call and no trouble is found, AT&T will charge CLEC and CLEC will pay a Maintenance of Service Charge/Trouble Determination Charge/Trouble Location Charge/Time and Material Charges/Additional Labor Charges for time spent on the dispatch and testing. AT&T will assess these charges at the rates set forth in the Pricing Schedule and/or applicable tariffs.
- 14.3.9 If AT&T determines that CLEC is using the DAT to access a Terminal-to-NID Sub-loop without first submitting a Change Order service order using the LSR form, AT&T will bill CLEC and CLEC will pay all applicable charges specified in Attachment 06 "UNE Price Schedule" for the Sub-loop(s) being used beginning from the date the customer began receiving service from CLEC at that location.

Upon AT&T's request, CLEC will provide billing or other records satisfactory to AT&T to substantiate such date. If CLEC fails to provide such records within thirty (30) days of the request, AT&T will bill CLEC and CLEC will pay all applicable charges specified in Attachment 06 "UNE Price Schedule" for the Sub-loops being used for the period beginning on the later of (1) the date of installation of the DAT, or (2) the last date on which AT&T's records indicate service to the same customer premises by any other carrier.

- 14.3.10 If AT&T decides at its sole discretion to conduct a field audit of its network facilities at MTEs, and if as a result of a field audit, AT&T determines that CLEC is either (1) accessing through a DAT Terminal-to-NID Sub-loops without first submitting a Change Order service order using the LSR form, or (2) acquiring temporary access to Terminal-to-NID Sub-loops from AT&T's Distribution Terminal without first submitting an SAA inquiry/application, then in addition to the remedies set out in Sections 14.3.9 and 14.4.8, CLEC will reimburse AT&T for the cost of the field audit, and pay for the cost of a subsequent field audit occurring within twelve (12) months of the initial audit.
- 14.4 Temporary Access to Terminal-to-NID Sub-loops where a DAT has not yet been installed
- 14.4.1 After, but not before, CLEC has submitted a SAA inquiry/application for a particular MTE to AT&T, if CLEC requires the use of one or more Sub-loops at that MTE prior to the DAT's installation, CLEC may, as an interim measure only, directly access such Sub-loops at AT&T's existing Distribution Terminal, subject to this Section 14.4. Such access will be defined as "temporary" access and will exist only until such time as AT&T can install the DAT and migrate the Terminal-to-NID Sub-loops to the DAT.
- 14.4.2 CLEC will not initially submit an LSR for the Terminal-to-NID Sub-loop(s) obtained temporarily at a Distribution Terminal, but must have first submitted an SAA inquiry/application and shall subsequently submit a Change Order LSR for each Terminal-to-NID Sub-loop in accordance with Section 14.4.5 below. The recurring charge for all Sub-loops accessed temporarily in accordance with this section will apply from the date such access is first obtained. AT&T will bill CLEC for these Sub-loops retroactively for all such recurring charges. Such retroactive billing shall be without interest or penalty where CLEC accomplished temporary access in compliance with this Section 14.4, including submitting a SAA inquiry/application before the temporary access is attempted.
- 14.4.3 CLEC technicians will comply with AT&T's standard installation practices when using temporary direct access to AT&T's Terminal-to-NID Sub-loops at the Distribution Terminal or DAT, according to the most recent training materials provided to CLEC by AT&T.
- 14.4.4 From time to time, AT&T will provide to CLEC training material specifying AT&T's standard procedures for accessing Terminal-to-NID Sub-loops at the Distribution Terminal or DAT. CLEC will ensure that every CLEC technician responsible for directly accessing Sub-loops at a Distribution Terminal or DAT is trained to do so according to AT&T's standard procedures and adheres to such procedures in practice.
- 14.4.5 AT&T will provide to CLEC a written notice when it has completed the installation of a DAT and migrated all relevant Sub-loops to it (the "DAT Complete" notice). Within five (5) business days following CLEC's receipt of AT&T's DAT Complete notice, CLEC will (1) submit a Change Order LSR for each Terminal-to-NID Sub-loop previously obtained via the temporary access arrangement above; and (2) identify for AT&T the date upon which CLEC first obtained temporary access to such Sub-loop(s).
- 14.4.6 Where CLEC has obtained temporary access to AT&T's Sub-loop(s) at a Distribution Terminal, AT&T will move these Terminal-to-NID Sub-loops to the DAT at the time of the DAT installation. Both AT&T and CLEC will exercise care to ensure that no significant customer service interruptions occur, e.g., pairs that are in-use will not be cut-over until idle; the out-of-service interval for any working pair will generally not exceed one minute.

- 14.4.7 If the configuration or design of a Distribution Terminal is such that CLEC technician is unable to obtain temporary access to Terminal-to-NID Sub-loops according to AT&T's standard procedures, CLEC will not access the Sub-loop at the Distribution Terminal and will wait for AT&T's installation of the DAT at the MTE. Under such circumstances, AT&T and CLEC will cooperate in prioritizing the installation of the DAT to minimize the delay CLEC experiences in accessing Sub-loops at such MTEs.
- 14.4.8 If AT&T determines that CLEC is acquiring temporary access to a Terminal to NID Sub-loop without first submitting an SAA inquiry/application, AT&T will bill CLEC and CLEC will pay all applicable charges specified in Attachment 06 "UNE Price Schedule" for the Sub-loop(s) so acquired, beginning from the date the customer began receiving service from CLEC at that location. Upon AT&T's request, CLEC will provide copies of its billing or other records satisfactory to AT&T to substantiate such date. If CLEC fails to provide such records within thirty (30) days of the request, AT&T will bill CLEC and CLEC will pay all applicable charges specified in Attachment 06 "UNE Price Schedule" for the Sub-loop(s) being used for the period beginning on the last date on which AT&T's records indicate service to the same customer premises by any other carrier.

15. Intentionally left blank

16. ENGINEERING CONTROLLED SPLICE (ECS)

- 16.1 AT&T will also make available an Engineering Controlled Splice (ECS), which will be owned by AT&T, for CLEC to gain access to Sub-loops at or near RTs.
- 16.2 The ECS shall be made available for SAA's utilizing the Special Construction Arrangement (SCA).
- 16.2.1 If CLEC requests such an SCA, CLEC shall pay all of the actual construction, labor, materials and related provisioning costs incurred by AT&T to fulfill its SCA on a Time and Materials basis, provided that AT&T will construct any SAA requested by CLEC in a cost-effective and efficient manner. If AT&T elects to incur additional costs for its own operating efficiencies and that are not necessary to satisfy an SCA in a cost-effective and efficient manner, CLEC will not be liable for such extra costs.
- 16.2.2 CLEC shall be liable only for costs associated with cable pairs that it orders to be presented at an ECS (regardless of whether CLEC actually utilizes all such pairs), even if AT&T places more pairs at the splice.
- 16.2.3 CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, which will be scheduled by mutual agreement, but not more than thirty (30) days from the date of CLEC's request for a Sub-loop arrangement. AT&T will stub out a cable from the RT, which AT&T will splice to the cable at the meet point.
- 16.2.4 AT&T will either use existing copper or construct new copper facilities between the SAI(s) and the ECS, located in or at the RT site. Although AT&T will construct the ECS, the ECS may be owned by AT&T or CLEC (depending on the specific arrangement) at the option of AT&T.
- 16.2.5 If more than one requesting competitive local exchange carrier obtains space in expanded RTs or in adjacent structures and obtains a SAA with the new copper interface point at the ECS, the initial competitive local exchange carrier which incurred the costs of construction of the ECS and/or additional copper/fiber shall be reimbursed those costs in equal proportion to the space or lines used by the subsequent requesting competitive local exchange carrier.
- 16.2.6 AT&T may require a separate SCA for each RT site.
- 16.2.7 Except as set forth below in this Section 16.2.7, CLEC must submit written acceptance and at least 50% of payment for the SCA before AT&T will begin construction of the ECS. Construction of the ECS and access to the copper Sub-loop may take up to ninety (90) days to complete depending upon project size and scope. CLEC shall be granted access upon completion of the construction of the ECS provided, however, that CLEC must tender payment in full to AT&T for the SCA before

access will be granted. AT&T will not begin any construction of the ECS until CLEC has provided proof that it has obtained access to any necessary rights-of-way as defined in Section 10.9. In the event CLEC disputes the estimate for the ECS in accordance with the dispute resolution procedures set forth in this Agreement, AT&T will proceed with construction of the ECS upon receipt from CLEC of notice of the dispute and payment of not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the ECS. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

- 16.3 CLEC will have two (2) options for implementing the ECS: a "Dedicated Facility Option" (DFO) and a "Cross-connected Facility Option" (CFO).

16.3.1 Dedicated Facility Option (DFO)

16.3.1.1 CLEC may request that AT&T splice the existing cabling between the ECS and the SAI to CLEC's SAA facility. This facility will be "dedicated" to CLEC for subsequent Sub-loop orders.

16.3.1.2 CLEC must designate the quantity of Sub-loops it desires to access via this spliced, dedicated facility, specified by subtending SAI.

16.3.1.3 CLEC will compensate AT&T for each of the dedicated Sub-loop facilities, based on recurring Sub-loop charges, for the quantity of Sub-loops dedicated to CLEC between the ECS and the SAI.

16.3.2 Cross-connected Facility Option (CFO)

16.3.2.1 CLEC may request that AT&T build an ECS cross-connect junction on which to terminate CLEC's SAA facility.

16.3.2.2 The SCA associated with this option will include the charges associated with constructing the cross-connect device, including the termination of AT&T cabling between the ECS and the RT and/or SAI, and the inventorying of that AT&T cabling.

16.3.2.3 CLEC must designate the quantity of Sub-loops it desires to access via this cross-connectable, dedicated facility, specified by subtending SAI.

- 16.4 CLEC will compensate AT&T for the charges incurred by AT&T derived from CLEC's request for the SCA.

AT&T Wholesale Amendment

AMENDMENT

BETWEEN

THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO

AND

COX OHIO TELCOM, L.L.C.

Signature: eSigned - Theresa CabralName: eSigned - Theresa Cabral
(Print or Type)Title: Reginal Vice President, Regulatory Affairs
(Print or Type)Date: 30 Mar 2017

Cox Ohio Telcom, L.L.C.

Signature: eSigned - William BockelmanName: eSigned - William Bockelman
(Print or Type)Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)Date: 07 Apr 2017The Ohio Bell Telephone Company d/b/a AT&T OHIO
by AT&T Services, Inc., its authorized agent

**AMENDMENT TO THE AGREEMENT
BETWEEN
COX OHIO TELCOM, L.L.C.
AND
THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO**

This Amendment (the "Amendment") amends the Interconnection Agreement by and between The Ohio Bell Telephone Company d/b/a AT&T OHIO ("AT&T OHIO") and Cox Ohio Telcom, L.L.C. ("CLEC"). AT&T OHIO and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T OHIO and CLEC are parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), and as subsequently amended (the "Agreement"); and

WHEREAS, the Parties desire to amend the Agreement to modify existing procedures for Percent Local Usage Factors between the Parties; and

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.
2. **PERCENT LOCAL USAGE FACTORS**
 - 2.1. Each Party will provide to the other, an annual report with Percent Local Usage (PLU) calculated by dividing the Local MOU delivered to a Party for termination by the total MOU delivered to a Party for termination.
 - 2.2. PLU factors will be calculated during the 2nd quarter of the current year based on the amount of actual volume delivered during the 1st quarter of the same year.
 - 2.3. The frequency of PLU updates is hereby adjusted from quarterly to annually.
3. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
4. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law, or under the intervening law, or regulatory change provisions, in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
5. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather shall be coterminous with such Agreement.
6. For all States except Arkansas, Ohio, California, and Wisconsin: This Amendment shall be filed with and is subject to approval by the State Commission and shall become effective ten (10) days following approval by such Commission ("Amendment Effective Date"). For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing ("Amendment Effective Date"). For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing ("Amendment Effective Date"). For California: Pursuant to Resolution ALJ 181, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty days after the filing date of the Advice Letter to which this Amendment is appended ("Amendment Effective Date"). For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) calendar days after the mailing date of the final order approving this Amendment ("Amendment Effective Date").

AT&T Wholesale Amendment

AMENDMENT

BETWEEN

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T FLORIDA,
AT&T GEORGIA AND AT&T LOUISIANA, THE OHIO BELL TELEPHONE
COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY
D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE
COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS AND AT&T
OKLAHOMA

AND

COX ARKANSAS TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, COX
BUSINESS SERVICES AND COX ARKANSAS TELCOM; COX
ARKANSAS TELCOM, L.L.C.; COX CALIFORNIA TELCOM, LLC; COX
FLORIDA TELCOM, L.P. D/B/A COX COMMUNICATIONS D/B/A COX
BUSINESS D/B/A COX; COX GEORGIA TELCOM, L.L.C.; COX KANSAS
TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, INC.; COX LOUISIANA
TELCOM, LLC; COX OHIO TELCOM, L.L.C.; COX OKLAHOMA TELCOM,
L.L.C.



Signature: eSigned - Joiava PhilpottSignature: eSigned - William BockelmanName: eSigned - Joiava Philpott

(Print or Type)

Name: eSigned - William Bockelman

(Print or Type)

Title: VP Regulatory Affairs

(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS

(Print or Type)

Date: 19 Apr 2017Date: 20 Apr 2017

Cox Arkansas Telcom, L.L.C. d/b/a Cox Communications, Cox Business Services and Cox Arkansas Telcom; Cox Arkansas Telcom, L.L.C.; Cox California Telcom, LLC; Cox Florida Telcom, L.P. d/b/a Cox Communications d/b/a Cox Business d/b/a Cox; Cox Georgia Telcom, L.L.C.; Cox Kansas Telcom, L.L.C. d/b/a Cox Communications, Inc.; Cox Louisiana Telcom, LLC; Cox Ohio Telcom, L.L.C.; Cox Oklahoma Telcom, L.L.C.

BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA, AT&T GEORGIA and AT&T LOUISIANA, The Ohio Bell Telephone Company d/b/a AT&T OHIO, Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA, Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS, AT&T KANSAS and AT&T OKLAHOMA by AT&T Services, Inc., its authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ARKANSAS	7987	---	756D
CALIFORNIA	676G	---	7661
FLORIDA	---	---	7193
GEORGIA	---	---	612C
KANSAS	7987	1802	1802
LOUISIANA	7190	---	7987
OHIO	7987	---	385D
OKLAHOMA	7987	7192	7192

Description	ACNA Code(s)
ACNA(s)	CJI,XFL,XGA

AMENDMENT TO THE AGREEMENT BETWEEN

COX ARKANSAS TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, COX BUSINESS SERVICES AND
COX ARKANSAS TELCOM; COX ARKANSAS TELCOM, L.L.C.; COX CALIFORNIA TELCOM, LLC;
COX FLORIDA TELCOM, L.P. D/B/A COX COMMUNICATIONS D/B/A COX BUSINESS D/B/A COX;
COX GEORGIA TELCOM, L.L.C.; COX KANSAS TELCOM, L.L.C. D/B/A COX COMMUNICATIONS,
INC.; COX LOUISIANA TELCOM, LLC; COX OHIO TELCOM, L.L.C.; COX OKLAHOMA TELCOM,
L.L.C.

AND

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T FLORIDA, AT&T GEORGIA AND AT&T
LOUISIANA, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL
TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE
COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS AND AT&T OKLAHOMA

This Amendment (the "Amendment") amends the Agreement(s) by and between AT&T and CARRIER as shown in the attached Exhibit A.

WHEREAS, AT&T and CARRIER are Parties to the Agreement(s) as shown in the attached Exhibit A,

WHEREAS, the Parties desire to amend the Agreement to implement to the *Connect America Fund et al.*, WC Docket No. 10-90 et al, Report and Order issued by the Federal Communications Commission ("FCC") on November 18, 2011 (FCC 11-161), and as amended by the FCC on December 23, 2011 (FCC 11-189) ("FCC ICC Reform Order").

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, Exhibit B - Pricing Sheet, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.
2. Intercarrier Compensation
 - 2.1. The Parties hereby implement the intercarrier compensation rates reflected in the Pricing Sheet attached hereto as Exhibit B, for the termination of all Section 251(b)(5) Traffic exchanged between the Parties in the applicable state(s). The intercarrier compensation rates included in Exhibit B hereby supersede the existing rate elements included in the Agreement for purposes of reciprocal compensation.
3. This Amendment shall be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.
4. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
5. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
6. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

7. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.
8. For Florida, Georgia, Kansas, Louisiana, Oklahoma: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended.

Exhibit A

AT&T ILEC (“AT&T”)	CARRIER Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	Cox Arkansas Telcom, L.L.C. d/b/a Cox Communications, Cox Business Services and Cox Arkansas Telcom	Interconnection	6/30/2010
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	Cox Arkansas Telcom, L.L.C.	Interconnection for OK	10/1/2010
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	Cox California Telcom, LLC	Interconnection	4/7/2010
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	Cox Florida Telcom, L.P. d/b/a Cox Communications d/b/a Cox Business d/b/a Cox	Interconnection	8/26/2010
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	Cox Georgia Telcom, L.L.C.	Interconnection	9/21/2010
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	Cox Kansas Telcom, L.L.C. d/b/a Cox Communications, Inc.	Interconnection	10/20/2010
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	Cox Louisiana Telcom, LLC	Interconnection	7/9/2010
The Ohio Bell Telephone Company d/b/a AT&T OHIO	Cox Ohio Telcom, L.L.C.	Interconnection	11/29/2010
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	Cox Oklahoma Telcom, L.L.C.	Interconnection	8/24/2006

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective through 6/30/17)		ZZUR2		\$ 0.0007			MOU
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.00			MOU
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport and Termination per MOU (Effective 7/1/2015 – 6/30/2016)		ZZUR2		\$ 0.0058000			MOU
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport and Termination per MOU (Effective 7/1/2016 – 6/30/2017)		ZZUR2		\$ 0.0007			MOU
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport and Termination per MOU (Effective 7/1/2017)		ZZUR2		\$0.00			MOU

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	CA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound Traffic and Section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective Through 6/30/17)	L1T++	GOC00		\$ 0.000700			MOU
2MR-AT	CA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)	L1T++	GOC00		\$0.00			MOU

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective through 6/30/17)				0.0007			MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)				0.00bk			MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU (Effective through 6/30/18)				0.0000035			MILE/MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU (Effective 7/1/2018)				0.00bk			MILE/MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU (Effective through 6/30/18)				0.0004372			MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU (Effective 7/1/2018)				0.00bk			MOU

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective through 6/30/17)				0.0007			MOU
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)				0.00bk			MOU
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU (Effective through 6/30/18)				0.0000028			MILE/MOU
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU (Effective 7/1/2018)				0.00bk			MILE/MOU
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU (Effective through 6/30/18)				0.0001955			MOU
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU (Effective 7/1/2018)				0.00bk			MOU

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective Through 6/30/17)		ZZUR2		\$ 0.0007	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.00	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Optional EAS Transport and Termination per MOU (Effective through 6/30/2017)		ZZUR2		\$0.0210000	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Optional EAS Transport and Termination per MOU (Effective 7/1/2017)		ZZUR2		\$0.00	NA	NA	MOU

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)				0.0007			MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)				0.00bk			MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU (Effective through 6/30/18)				0.0000032			MILE/MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU (Effective 7/1/2018)				0.00bk			MILE/MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU (Effective through 6/30/18)				0.0003748			MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU (Effective 7/1/2018)				0.00bk			MOU

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	OH	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG15		0.0007			MOU
2MR-AT	OH	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG15		\$0.00			MOU

Pricing Sheet
Exhibit B

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	OK	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective Through 6/30/17)		ZZUR2		\$0.0007	NA	NA	MOU
2MR-AT	OK	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.00	NA	NA	MOU

AMENDMENT

BETWEEN

BELLSOUTH TELCOMMUNICATIONS, LLC D/B/A AT&T FLORIDA, AT&T GEORGIA AND AT&T LOUISIANA, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS AND AT&T OKLAHOMA BY AT&T SERVICES, INC.

AND

COX ARKANSAS TELCOM, L.L.C.; COX KANSAS TELECOM, L.L.C.; COX OKLAHOMA TELCOM, LLC D/B/A COX BUSINESS SERVICES D/B/A COX COMMUNICATIONS; COX OHIO TELCOM, LLC D/B/A COX COMMUNICATIONS D/B/A COX BUSINESS SERVICES; COX FLORIDA TELCOM, L.P. D/B/A COX COMMUNICATIONS D/B/A COX BUSINESS SERVICES DBA COX; COX GEORGIA TELCOM, LLC D/B/A COX COMMUNICATIONS; COX LOUISIANA TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, D/B/A COX, D/B/A COX BUSINESS; COX CALIFORNIA TELCOM, LLC D/B/A COX BUSINESS SERVICES D/B/A COX COMMUNICATIONS

Signature: eSigned- Robert Allen

Signature: eSigned - Kristen Shore

Name: eSigned - Robert Allen
(Print or Type)

Name: eSigned - Kristen Shore
(Print or Type)

Title: Senior Manager CABS
(Print or Type)

Title: AVP Regulatory
(Print or Type)

Date: 10 May 2021

Date: 11 May 2021

Cox Arkansas Telcom, L.L.C.; Cox Kansas Telecom, L.L.C.; Cox Oklahoma Telcom, LLC d/b/a Cox Business Services d/b/a Cox Communications; Cox Ohio Telcom, LLC d/b/a Cox Communications d/b/a Cox Business Services; Cox Florida Telcom, L.P. d/b/a Cox Communications d/b/a Cox Business d/b/a Cox; Cox Georgia Telcom, LLC d/b/a Cox Communications; Cox Louisiana Telcom, L.L.C. d/b/a Cox Communications, d/b/a Cox, d/b/a Cox Business; Cox California Telcom, LLC d/b/a COX BUSINESS SERVICES d/b/a COX COMMUNICATIONS

BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA, AT&T GEORGIA and AT&T LOUISIANA, The Ohio Bell Telephone Company d/b/a AT&T OHIO, Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA, Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS, AT&T KANSAS and AT&T OKLAHOMA by AT&T Services, Inc., its authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ARKANSAS	7987	---	756D
CALIFORNIA	676G	---	7661
FLORIDA	---	---	7193
GEORGIA	---	---	612C
KANSAS	7987	1802	1802
LOUISIANA	7190	---	7987
OHIO	7987	---	385D
OKLAHOMA	7987	7192	7192

Description	ACNA Code(s)
ACNA(s)	CJI,XFL,XGA,CJI

**AMENDMENT TO THE AGREEMENT
BETWEEN**

**COX ARKANSAS TELCOM, L.L.C.; COX KANSAS TELECOM, L.L.C.; COX OKLAHOMA TELCOM,
LLC D/B/A COX BUSINESS SERVICES D/B/A COX COMMUNICATIONS; COX OHIO TELCOM, LLC
D/B/A COX COMMUNICATIONS D/B/A COX BUSINESS SERVICES; COX FLORIDA TELCOM, L.P.
D/B/A COX COMMUNICATIONS D/B/A COX BUSINESS SERVICES DBA COX; COX GEORGIA
TELCOM, LLC D/B/A COX COMMUNICATIONS; COX LOUISIANA TELCOM, L.L.C. D/B/A COX
COMMUNICATIONS, D/B/A COX, D/B/A COX BUSINESS; COX CALIFORNIA TELCOM, LLC D/B/A
COX BUSINESS SERVICES D/B/A COX COMMUNICATIONS**

AND

**SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AND
AT&T OKLAHOMA ; THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO; BELL SOUTH
TELCOMMUNICATIONS, LLC D/B/A AT&T FLORIDA, AT&T GEORGIA, AND AT&T LOUISIANA; AND
PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA**

This Amendment (the "Amendment") amends the Agreements by and between AT&T and CLEC as shown in the attached Exhibit A. AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party."

WHEREAS, AT&T and CLEC are Parties to the Agreements as shown in the attached Exhibit A; and

WHEREAS, the Parties desire to modify certain provisions related to Operations Support Systems (OSS) and/or Data Connection Security Requirements; and

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.
2. In the states of Arkansas, Florida, Georgia, Kansas, Louisiana, Ohio, and Oklahoma, the Parties agree to delete Section 9.1 from Attachment 27: ACCESS TO OPERATIONS SUPPORT SYSTEMS (OSS) of the Agreement and add the following language:

OSS.1 Data Connection Security Requirements

OSS.1.1 CLEC agrees to comply with AT&T data connection security procedures as set forth on the AT&T CLEC Online website as they may change from time to time, including but not limited to procedures on joint security requirements, information security, user identification and authentication, network monitoring, and software integrity. To the extent there is a conflict between this Amendment's Section 2 and the Competitive Local Exchange Carrier (CLEC) Operations Support Systems (OSS) Procedures, the CLEC OSS Interconnection Procedures shall govern.

OSS.1.2 CLEC agrees that the interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document, which is revised from time to time and posted to the AT&T CLEC Online website.

3. In the state of California, the Parties agree to delete Sections 9.1 from Appendix OSS-RESALE AND UNE of the Agreement and add the following language:

OSS.1 Data Connection Security Requirements

OSS.1.1 CLEC agrees to comply with AT&T data connection security procedures as set forth on the AT&T CLEC Online website as they may change from time to time, including but not limited to procedures on joint

security requirements, information security, user identification and authentication, network monitoring, and software integrity. To the extent there is a conflict between this Amendment's Section 2 and the Competitive Local Exchange Carrier (CLEC) Operations Support Systems (OSS) Procedures, the CLEC OSS Interconnection Procedures shall govern.

OSS.1.2 CLEC agrees that the interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document, which is revised from time to time and posted to the AT&T CLEC Online website.

4. This Amendment shall be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.
5. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
6. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
7. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
8. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.
9. For Florida, Georgia, Kansas, Louisiana, Oklahoma: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended.

Exhibit A

AT&T ILEC (“AT&T”)	CARRIER Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	Cox Arkansas Telcom, L.L.C.	Interconnection	6/30/2010
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	Cox California Telcom, LLC d/b/a COX BUSINESS SERVICES d/b/a COX COMMUNIOICATIONS	Interconnection	4/7/2010
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	Cox Florida Telcom, L.P. d/b/a Cox Communications d/b/a Cox Business d/b/a Cox	Interconnection	9/5/2010
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	Cox Georgia Telcom, LLC d/b/a Cox Communications	Interconnection	10/1/2010
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	Cox Kansas Telecom, L.L.C.	Interconnection	10/30/2010
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	Cox Louisiana Telcom, L.L.C. d/b/a Cox Communications, d/b/a Cox, d/b/a Cox Business	Interconnection	7/19/2010
The Ohio Bell Telephone Company d/b/a AT&T OHIO	Cox Ohio Telcom, LLC d/b/a Cox Communications d/b/a Cox Business Services	Interconnection	8/31/2010
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	Cox Oklahoma Telcom, LLC d/b/a Cox Business Services d/b/a Cox Communications	Interconnection	8/24/2006

AMENDMENT

BETWEEN

**BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T FLORIDA,
D/B/A AT&T GEORGIA, D/B/A AT&T LOUISIANA, THE OHIO BELL
TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE
COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL
TELEPHONE COMPANY D/B/A AT&T ARKANSAS, D/B/A AT&T
KANSAS, AT&T OKLAHOMA**

AND

**COX ARKANSAS TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, COX
BUSINESS SERVICES AND COX ARKANSAS TELCOM, COX
CALIFORNIA TELCOM, LLC DBA COX COMMUNICATIONS, COX
FLORIDA TELCOM, L.P., COX GEORGIA TELCOM, L.L.C., COX KANSAS
TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, INC, COX LOUISIANA
TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, COX, COX BUSINESS
COX OHIO TELCOM, L.L.C., COX OKLAHOMA TELCOM, L.L.C.**

Signature: eSigned - Curt StampSignature: eSigned - Kristen E. ShoreName: eSigned - Curt Stamp
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: VP Regulatory Affairs
(Print or Type)Title: AVP- Regulatory
(Print or Type)Date: 18 Jan 2022Date: 18 Jan 2022

Cox Arkansas Telcom, L.L.C. d/b/a Cox Communications, Cox Business Services and Cox Arkansas Telcom, Cox California Telcom, LLC dba Cox Communications, Cox Florida Telcom, L.P., Cox Georgia Telcom, L.L.C., Cox Kansas Telcom, L.L.C. d/b/a Cox Communications, Inc, Cox Louisiana Telcom, L.L.C. d/b/a Cox Communications, Cox, Cox Business, Cox Ohio Telcom, L.L.C., Cox Oklahoma Telcom, L.L.C.

BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA, d/b/a AT&T georgia, d/b/a AT&T Louisiana, The Ohio Bell Telephone Company d/b/a AT&T OHIO, Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA, Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS, d/b/a AT&T Kansas, AT&T OKLAHOMA by AT&T Services, Inc., its authorized agent

**AMENDMENT TO THE AGREEMENT
BETWEEN**

**COX ARKANSAS TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, COX BUSINESS SERVICES AND
COX ARKANSAS TELCOM, COX CALIFORNIA TELCOM, LLC DBA COX COMMUNICATIONS, COX
FLORIDA TELCOM, L.P., COX GEORGIA TELCOM, L.L.C., COX KANSAS TELCOM, L.L.C. D/B/A
COX COMMUNICATIONS, INC, COX LOUISIANA TELCOM, L.L.C. D/B/A COX COMMUNICATIONS
D/B/A COX D/B/A COX BUSINESS, COX OHIO TELCOM, L.L.C., COX OKLAHOMA TELCOM, L.L.C.**

AND

**BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T FLORIDA, D/B/A AT&T GEORGIA, D/B/A
AT&T LOUISIANA, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL
TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE
COMPANY D/B/A AT&T ARKANSAS, D/B/A AT&T KANSAS, AT&T OKLAHOMA**

This Amendment (the "Amendment") amends the Agreement(s) by and between AT&T and CLEC as shown in the attached Exhibit B.

WHEREAS, AT&T and CLEC are Parties to the Agreement(s) as shown in the attached Exhibit B; and

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Orders FCC-19-66 and FCC-19-72 in WC Dkt. No. 18-141; Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) to Accelerate Investment in Broadband and Next-Generation Networks which was filed with the FCC on May 4, 2018 ("FCC UNE and Resale Forbearance Order"); and

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Order FCC-20-152 in WC Dkt. No. 19-308; Modernizing Unbundling and Resale Requirements in an Era of Next-Generation Networks and Services which was filed with the FCC on January 8, 2021 ("FCC UNE Relief Order"); and

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals and the terms and conditions contained herein, all of which are hereby incorporated by this reference and constitute a part of this Amendment.
2. As of February 2, 2020, except for resale services that are grandfathered pursuant to subsection a, CLEC may no longer purchase any resale services pursuant to the rates, terms and conditions of this Agreement, including any resale Tariff referred to in this Agreement, other than the rates, terms and conditions provided for in Attachment 251(b)(1) Resale.
 - a. Resale services ordered on or before February 1, 2020 ("Resale Embedded Base"), are grandfathered until August 2, 2022, and available only:
 - i. to the same End User; and
 - ii. at that same End User's existing location;
 - iii. both as of February 2, 2020.
3. Add Attachment - 251(b)(1) Resale to the Agreement.
4. As of February 2, 2020, CLEC may no longer order 2-Wire Analog UNE Loops or 4-Wire Analog UNE Loops ("Analog Loops") pursuant to this Agreement. Any existing Analog Loops ordered on or before February 1, 2020 ("Analog Loop Embedded Base") are grandfathered until August 2, 2022. CLEC shall convert the Analog Loop Embedded Base to a commercial offering, or other comparable service, or disconnect such Analog Loop on, or before, August 1, 2022. Exhibit A to this Amendment contains Analog Loop element descriptions and USOCs that are subject to the FCC UNE and Resale Forbearance Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also Analog Loops subject to the FCC UNE and Resale Forbearance Order.

- a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining Analog Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to an analogous arrangement available under a separate commercial agreement executed by the Parties, or
 - ii. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - iii. reprice by application of a new rate (or by application of a surcharge to an existing rate), or
 - iv. disconnect.
 - b. AT&T reserves the right to backbill CLEC for the difference between an Analog Loop rate and the non-UNE rate that applies under this Section 4 for any new Analog Loops inadvertently ordered on or after February 2, 2020, and any Analog Loop Embedded Base remaining as of August 1, 2022.
 - c. AT&T's election to reprice the Analog Loop shall not preclude AT&T from later converting the Analog Loop to an analogous arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service.
5. As of January 12, 2020, CLEC may no longer order DS1/DS3 Unbundled Dedicated Transport ("DS1/DS3 UDT"), whether stand-alone or part of a combination (e.g., Enhanced Extended Link), pursuant to this Agreement between Tier 1 wire centers and/or wire centers subject to UDT forbearance under Public Notice DA 19-733, dated August 1, 2019. Any such existing DS1/DS3 UDT ordered on or before January 11, 2020, is grandfathered until July 12, 2022 ("UDT Embedded Base").
- i. CLEC must convert any grandfathered DS1/DS3 UDT to another product/service offering on or before July 12, 2022, pursuant to the Conversion of 251(c)(3) UNE/UNE Combinations to Wholesale Services provisions of this Agreement or other similar provision.
 - ii. If CLEC fails to convert grandfathered DS1/DS3 UDT before July 12, 2022, at AT&T's sole discretion, AT&T may convert any, or all, of the remaining DS1/DS3 UDT to the equivalent Special Access service at month-to-month rates, terms and conditions. CLEC shall be responsible for all associated recurring and non-recurring charges.
 - iii. AT&T reserves the right to backbill CLEC for the difference between a DS1/DS3 UDT rate and the non-UNE rate that applies under this Section 5 for any new circuits inadvertently ordered on or after January 12, 2020 and any UDT Embedded Base remaining as of July 12, 2022.
 - iv. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease ordering DS1/DS3 UDT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.
6. As of February 8, 2023, CLEC may no longer order new 2-Wire Digital UNE Loops ("Digital Loops") pursuant to this Agreement in Wire Centers where at least 50% of the census blocks served are designated as urbanized areas. Any existing Digital Loops ordered on or before February 8, 2023 ("Digital Loop Embedded Base") are grandfathered until February 8, 2025. CLEC shall convert the Digital Loop Embedded Base to a commercial offering, or an alternate arrangement, or disconnect such Digital Loop on or before February 8, 2025. Exhibit A to this Amendment contains Digital Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also Digital Loops subject to the FCC UNE Relief Order.
- a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining Digital Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to a digital arrangement available under a separate commercial agreement executed by the Parties, or
 - ii. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or

- iii. reprice by application of a new rate (or by application of a surcharge to an existing rate), or
 - iv. disconnect.
- b. AT&T reserves the right to backbill CLEC for the difference between the Digital Loop rate and the non-UNE rate that applies under this Section 6 for any new Digital Loops inadvertently ordered on or after February 8, 2023, and any Digital Loop Embedded Base remaining as of February 8, 2025.
 - c. AT&T's election to reprice the Digital Loop shall not preclude AT&T from later converting the Digital Loop to a Digital arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service.
 - d. AT&T reserves the right to raise its rates by up to 25% as of February 08, 2024 and may elect to increase rates to market rates after February 08, 2025, when the grandfathering period expires. AT&T shall provide Notice to CLEC of how the Parties will implement the subsequent rate changes. .
7. As of February 8, 2023, CLEC may no longer order new DS1 UNE Loops ("DS1 Loops") pursuant to this Agreement in Wire Centers in counties deemed to be competitive in the BDS proceeding as listed in the AT&T Guidebook, which may change from time to time. Any existing DS1 Loops ordered on or before February 8, 2023 ("DS1 Loop Embedded Base") are grandfathered until July 8, 2024. CLEC shall convert the DS1 Loop Embedded Base to an alternate arrangement, or disconnect such DS1 Loop on or before July 8, 2024. Exhibit A to this Amendment contains DS1 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS1 Loops subject to the FCC UNE Forbearance Order.
- a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining DS1 Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - ii. reprice by application of a new rate (or by application of a surcharge to an existing rate), or
 - iii. disconnect.
 - b. AT&T reserves the right to backbill CLEC for the difference between the DS1 Loop rate and the non-UNE rate that applies under this Section 7 for any new DS1 Loops inadvertently ordered on or after February 8, 2023, and any DS1 Loop Embedded Base remaining as of July 8, 2024.
 - c. AT&T's election to reprice the DS1 Loop shall not preclude AT&T from later converting the DS1 Loop to a DS1 arrangement available under a separate AT&T tariff or guidebook service.
8. As of February 8, 2021, CLEC may no longer order new DS3 UNE Loops ("DS3 Loops") pursuant to this Agreement in Wire Centers in counties deemed to be competitive in the BDS proceeding as listed in the AT&T Guidebook, which may change time to time. Any existing DS3 Loops ordered on or before February 8, 2021 ("DS3 Loop Embedded Base") are grandfathered until February 8, 2024. CLEC shall convert the DS3 Loop Embedded Base to an alternate arrangement, or disconnect such DS3 Loop on or before February 8, 2024. Exhibit A to this Amendment contains DS3 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS3 Loops subject to the FCC UNE Forbearance Order.
- a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining DS3 Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - ii. reprice by application of a new rate (or by application of a surcharge to an existing rate), or
 - iii. disconnect.

- b. AT&T reserves the right to backbill CLEC for the difference between the DS3 Loop rate and the non-UNE rate that applies under this Section 8 for any new DS3 Loops inadvertently ordered on or after February 8, 2021, and any DS3 Loop Embedded Base remaining as of February 8, 2024.
 - c. AT&T's election to reprice the DS3 Loop shall not preclude AT&T from later converting the DS3 Loop to a DS3 arrangement available under a separate AT&T tariff or guidebook service.
9. As of February 8, 2021, CLEC may no longer order new UNE Dark Fiber Transport ("DFT") pursuant to this Agreement where the dark fiber transport is connected to a Tier 3 wire center located within ½ mile of competitive fiber as described in the FCC UNE Relief Order and designated by the FCC. Any existing UNE Dark Fiber Transport facility ordered before February 8, 2021 ("Dark Fiber Transport Embedded Base") is grandfathered until February 8, 2029. CLEC shall convert the UNE Dark Fiber Transport Embedded Base to an alternate arrangement, or disconnect such UNE Dark Fiber Transport on or before February 8, 2029. Exhibit A to this Amendment contains UNE Dark Fiber Transport element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also UNE Dark Fiber Transport subject to the FCC UNE Relief Order. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease ordering DFT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.
- a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining UNE Dark Fiber Transport and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - ii. reprice by application of a new rate (or by application of a surcharge to an existing rate), or
 - iii. disconnect.
 - b. AT&T reserves the right to backbill CLEC for the difference between an UNE Dark Fiber Transport rate and the non-UNE rate that applies under this Section 9 for any new UNE Dark Fiber Transport inadvertently ordered on or after February 8, 2021, and any UNE Dark Fiber Transport Embedded Base remaining as of February 8, 2029.
 - c. AT&T's election to reprice the UNE Dark Fiber Transport shall not preclude AT&T from later converting the UNE Dark Fiber Transport to a DFT arrangement available under a separate AT&T tariff or guidebook service.
10. As of February 8, 2021, CLEC may no longer order new UNE Subloops or UNE Network Interface Devices (NIDs) pursuant to this Agreement.
11. As of February 8, 2021, CLEC may no longer covert existing Special Access circuits (as defined, ordered, and provisioned in AT&T ILEC's interstate and/or intrastate tariffs) to UNEs.
12. CLEC shall provide a forecast of the total number of Unbundled Loops in its embedded customer base that it plans to migrate to an alternate product or service. CLEC shall work with AT&T to establish mutually agreed to daily order volume parameters and make a reasonable effort to affect a timely and orderly migration by the end of the transition period.
13. Any future forbearance from or rule changes for Section 251(c)(3) UNEs offered pursuant to this Agreement shall be incorporated by reference as of the effective date of the FCC order and shall not require a written amendment. AT&T shall provide Notice to CLEC of how the Parties will implement the subsequent UNE forbearance or rule change. Notice will include applicable transition periods and any changes to rate(s), term(s) and/or condition(s) to the underlying Agreement.
14. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
15. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

16. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
17. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterpart shall together constitute one and the same instrument.
18. For Florida, Georgia, Kansas, Louisiana, Oklahoma: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended.

ATTACHMENT 16b – 251(b)(1) RESALE

TABLE OF CONTENTS

<u>Section</u>	<u>Page Number</u>
1.0 INTRODUCTION.....	3
2.0 GENERAL PROVISIONS.....	3
3.0 PRICING AND DISCOUNTS.....	4
4.0 RESPONSIBILITIES OF PARTIES.....	4
5.0 BILLING AND PAYMENT OF RATES AND CHARGES	5
6.0 ANCILLARY SERVICES.....	6
7.0 SUSPENSION OF SERVICE	6

1.0 **INTRODUCTION**

- 1.1 This Attachment sets forth terms and conditions for Section 251(b)(1) resale services (“Resale Services”) provided by AT&T-21STATE to CLEC.
- 1.2 Pursuant to Section 251(b)(1), beginning February 2, 2020, CLEC may order and AT&T-21STATE shall make available to CLEC for resale, pursuant to the rates, terms and conditions of this Attachment, Telecommunications Services that AT&T-21STATE provides at retail to End Users who are not Telecommunications Carriers. Beginning August 2, 2022, this Attachment shall govern all Resale Services CLEC purchases from AT&T-21STATE, including Resale Services that were purchased prior to August 2, 2022 pursuant to other provisions of this Agreement and/or resale tariff and that remain in service as of that date (“Resale Embedded Base”).

2.0 **GENERAL PROVISIONS**

- 2.1 AT&T-21STATE’s obligation to provide Resale Services under this Attachment is subject to availability of existing facilities. CLEC may resell Telecommunications Services provided hereunder only in those service areas in which such Resale Services or any feature or capability thereof are currently offered to AT&T-21STATE’s End Users at retail.
- 2.2 Notwithstanding any other provision in this Agreement or in any applicable Tariff, once a retail service has been grandfathered it is available to CLEC for resale pursuant to the rates, terms and conditions of the state-specific retail Tariff and only:
- (i) to the same End User; and
 - (ii) at that same End User’s existing location;
 - (iii) both as of the time of that service’s grandfathering.
- 2.3 AT&T-21STATE may withdraw the availability of certain Telecommunication Services that AT&T-21STATE previously provisioned to CLEC or retail End Users pursuant to C.F.R 51.325 through 51.335 as such rules may be amended from time to time (the “Network Disclosure Rules”).
- 2.4 CLEC shall not use any Resale Services to avoid the rates, terms and conditions of AT&T-21STATE’s corresponding retail Tariff(s). Moreover, CLEC shall not use any Resale Services to provide access or interconnection services to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), interconnected VoIP providers (IVPs), mobile virtual network operators (MVNOs), or other Telecommunications providers; provided, however, that CLEC may permit its End Users to use resold local exchange telephone service to access IXCs, wireless carriers, CAPs, or other retail Telecommunications providers. CLEC may not resell any Resale Services to another CLEC, including its own Affiliate(s).
- 2.5 Except as otherwise expressly provided herein, the state-specific retail Tariff(s) shall govern the rates, terms and conditions associated with the Telecommunications Services available to CLEC for resale, except for any resale restrictions; provided, however, that any restrictions on further resale by the End User shall continue to apply. CLEC and its End Users may not use Resale Services in any manner not permitted for AT&T-21STATE’s End Users. Any change to the rates, terms and conditions of any applicable Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.
- 2.6 CLEC shall only sell Plexar®, Centrex and Centrex-like services to a single End User or multiple End User(s) in accordance with the terms and conditions set forth in the retail Tariff(s) applicable to the state(s) in which service is being offered.
- 2.7 Except where otherwise explicitly permitted in AT&T-21STATE’s Tariff(s), CLEC shall not permit the sharing of Resale Services by multiple End User(s) or the aggregation of traffic from multiple End User(s) onto a single service.
- 2.8 CLEC shall only provide Resale Services under this Attachment to the same category of End User(s) to which AT&T-21STATE offers such services (for example, residence service shall not be resold to business End Users).
- 2.9 Special Needs Services are services for the physically disabled as defined in state-specific Tariffs. Where available for resale in accordance with state-specific Tariffs, CLEC may resell Special Needs Services to End Users who are

eligible for each such service. To the extent CLEC provides Resale Services that require certification on the part of the End User, CLEC shall ensure that the End User meets all the Tariff eligibility requirements, has obtained proper certification, continues to be eligible for the program(s), and complies with all rules and regulations as established by the appropriate Commission and state Tariffs.

- 2.10 When ordering Resale Services that have an eligibility requirement (e.g., available only in a “retention”, “winback”, or “competitive acquisition” setting), CLEC shall maintain (and provide to AT&T-21STATE upon reasonable request) appropriate documentation, including, but not limited to, original End User service order data, evidencing the eligibility of its End User(s) for such offering or promotion. AT&T-21STATE may request up to one (1) audit for each promotion per twelve (12) month period that may cover up to the preceding twenty-four (24) month period.
- 2.11 Promotions of ninety (90) calendar days or less (“Short-Term Promotions”) shall not be available for resale. Promotions lasting longer than ninety (90) calendar (“Long-Term Promotions”) may be made available for resale. AT&T 21-STATE may eliminate any Resale Discount on all or certain Long-Term Promotions by providing a 45-day notice of such elimination.
- 2.12 If CLEC is in violation of any provision of this Attachment, AT&T-21STATE will notify CLEC of the violation in writing (“Resale Notice”). Such Resale Notice shall refer to the specific provision being violated. CLEC will have the breach cure period as specified in the General Terms and Conditions of this Agreement to correct the violation and notify AT&T-21STATE in writing that the violation has been corrected. AT&T-21STATE will bill CLEC the greater of:
- (i) the charges that would have been billed by AT&T-21STATE to CLEC or any Third Party but for the stated violation; or
 - (ii) the actual amounts CLEC billed its End User(s) in connection with the stated violation.
- 2.13 Notwithstanding any other provision of this Agreement, CLEC acknowledges and agrees that the assumption or resale to similarly-situated End Users of customer specific arrangement contracts, individual case basis contracts, or any other customer specific pricing contract is not addressed in this Agreement and that if CLEC would like to resell such arrangements, it may only do so consistent with applicable law and after negotiating an amendment hereto that establishes the rates, terms and conditions thereof. Such amendment will only be effective upon written execution by both Parties and approval by the Commission(s).
- 2.14 Except where otherwise required by law, CLEC shall not, without AT&T-21STATE’s prior written authorization, offer the services covered by this Attachment using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T-21STATE or its Affiliates, nor shall CLEC state or imply that there is any joint business association or similar arrangement with AT&T-21STATE in the provision of Telecommunications Services to CLEC’s End Users.

3.0 PRICING AND DISCOUNTS

- 3.1 “Resale Discount” means the applicable discount off retail rates applied to AT&T-21STATE Telecommunications Services resold by CLEC to its End Users. Any change to the rates, terms and conditions of any applicable retail Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.
- 3.2 The Resale Discounts in the underlying Interconnection will apply until AT&T-21STATE provides notification of change to the Resale Discounts. AT&T-21STATE will provide such notification at least three (3) months in advance of any change to current Resale Discounts. Changes to the Resale Discounts will be posted to AT&T CLEC Online and will be incorporated by reference upon the effective date stated therein. For avoidance of doubt, changes to Resale Discounts do not apply to Embedded Base Resale until August 2, 2022.

4.0 RESPONSIBILITIES OF PARTIES

- 4.1 CLEC shall be responsible for modifying and connecting any of its systems with AT&T-21STATE-provided interfaces, as outlined in Attachment 07 – Operations Support Systems (OSS), and CLEC agrees to abide by AT&T-21STATE procedures for ordering Resale Services. CLEC shall obtain End User authorization as required by applicable federal and state laws and regulations and assumes responsibility for applicable charges as specified in Section 258(b) of the Act.

- 4.2 CLEC shall release End User accounts in accordance with the directions of its End Users or an End User's authorized agent. When a CLEC End User switches to another carrier, AT&T-21STATE may reclaim the End User or process orders for another carrier, as applicable.
- 4.3 CLEC will have the ability to report trouble for its End Users to the appropriate AT&T-21STATE maintenance center(s) as provided in the CLEC Online Handbook(s). CLEC End Users calling AT&T-21STATE will be referred to CLEC at the telephone number(s) provided by CLEC to AT&T-21STATE. Nothing herein shall be interpreted to authorize CLEC to repair, maintain, or in any way touch AT&T-21STATE's network facilities, including without limitation those facilities on End User premises.
- 4.4 CLEC's End Users' that activate Call Trace, or who are experiencing annoying calls, should contact law enforcement. Law Enforcement works with the appropriate AT&T-21STATE operations centers responsible for handling such requests. AT&T-21STATE shall notify CLEC of requests by its End Users to provide call records to the proper authorities. Subsequent communication and resolution of each case involving one of CLEC's End Users (whether that End User is the victim or the suspect) will be coordinated through CLEC. AT&T-21STATE shall be indemnified, defended and held harmless by CLEC and/or the End User against any claim, loss or damage arising from providing this information to CLEC. It is the responsibility of CLEC to take the corrective action necessary with its End User who makes annoying calls. Failure to do so will result in AT&T-21STATE taking corrective action, up to and including disconnecting the End User's service.
- 4.5 CLEC acknowledges that information AT&T-21STATE provides to law enforcement agencies at the agency's direction (e.g., Call Trace data) shall be limited to available billing number and address information. It shall be CLEC's responsibility to provide additional information necessary for any law enforcement agency's investigation.
- 4.5.1 In addition to any other indemnity obligations in this Agreement, CLEC shall indemnify AT&T-21STATE against any Claim that insufficient information led to inadequate prosecution.
- 4.5.2 AT&T-21STATE shall handle law enforcement requests in accordance with the Law Enforcement provisions of the General Terms and Conditions of this Agreement.

5.0 BILLING AND PAYMENT OF RATES AND CHARGES

- 5.1 CLEC is solely responsible for the payment of all charges for all services furnished under this Attachment, including but not limited to calls originated or accepted at CLEC's location and its End Users' service locations.
- 5.1.1 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T-21STATE for billing to Resale End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages were generated by a Resale account and will not be billed by AT&T-21STATE.
- 5.2 AT&T-21STATE shall not be responsible for how the associated charges for Resale Services may be allocated to End Users or others by CLEC. Applicable rates and charges for services provided to CLEC under this Attachment will be billed directly to CLEC and shall be the responsibility of CLEC.
- 5.2.1 Charges billed to CLEC for all services provided under this Attachment shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.
- 5.2.2 If CLEC does not wish to be responsible for payment of charges for toll and information services (for example, 900 calls), CLEC must order the appropriate available blocking for lines provided under this Attachment and pay any applicable charges. It is CLEC's responsibility to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including without limitation 800, 888, 411 and Directory Assistance Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.
- 5.3 CLEC shall pay the Federal End User Common Line (EUCL) charge and any other appropriate FCC or Commission-approved charges, as set forth in the appropriate Tariff(s), for each local exchange line furnished to CLEC under this

Attachment.

- 5.4 To the extent allowable by law, CLEC shall be responsible for both Primary Interexchange Carrier (PIC) and Local Primary IntraLATA Presubscription (LPIC) change charges associated with each local exchange line furnished to CLEC under this Attachment. CLEC shall pay all charges for PIC and LPIC changes at the rates set forth in the Pricing Schedule or, if any such rate is not listed in the Pricing Schedule, then as set forth in the applicable Tariff.

6.0 ANCILLARY SERVICES

- 6.1 E911 Emergency Service: The terms and conditions for the provision of AT&T-21STATE 911 services are contained in Attachment 911/E911.
- 6.2 Payphone Services: CLEC may provide certain local Telecommunications Services to Payphone Service Providers (PSPs) for PSPs' use in providing payphone service. Rates for Payphone Services are established under the provisions of Section 276 of the Federal Telecommunications Act of 1996 and are not eligible for the Resale Discount unless required by State Commission order(s). However, given certain billing system limitations, the Resale Discount may be applied to Payphone Services, unless and until AT&T-21STATE is able to modify its billing system, AT&T-21STATE may issue true-up bills in accordance with the provisions set forth in the General Terms and Conditions.

7.0 SUSPENSION OF SERVICE

- 7.1 See applicable Tariff(s) for rates, terms and conditions regarding Suspension of Service.
- 7.2 AT&T-21STATE will offer Suspension of Service to CLEC for CLEC initiated suspension of service of the CLEC's End Users. This service is not considered a Telecommunications Service and will receive no Resale Discount.

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation - Cross Connect		UCXC2	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD2	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation - Cross Connect		UCXC4	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD4	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile		ULNJS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile		ULNJS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation		UCXHX	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation		UCXJX	
AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	

PRICING SHEETS

AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	1
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	2
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	3
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	1
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	2
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	3

PRICING SHEETS

CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	1
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	2
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	3
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	1
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	2
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	3
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Zone 1 (OANAD Terminology - 4-Wire Link)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	1

PRICING SHEETS

CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Zone 2 (OANAD Terminology - 4-Wire Link)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	2
CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Zone 3 (OANAD Terminology - 4-Wire Link)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	3
CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Statewide	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Loop - CO Facility Interface Connection (OANAD Terminology - 4-Wire - CO Facility Interface Connection)		3F74X	
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage)	CT1++, EE7M+	1L5UB	
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile)			
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage)	CT3++, EE7P+, EE7Q+	1L5UB	
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile)			
CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1)	CT1++, EE7M+	MQ1UB	
CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3)	CT3++, EE7P+, EE7Q+	MQ3UB	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UC	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX91	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS3/DS1 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UD	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX99	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX99	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS3/DS1 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS1/DS0 (CESAR/LEX - Simple)			

PRICING SHEETS

CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS3/DS1 (CESAR/LEX - Simple)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS3/DS1 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS1/DS0 (CESAR/LEX - Simple)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS3/DS1 (CESAR/LEX - Simple)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS3/DS1 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOX88	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	1L5UC	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS1 - Initial (Mechanized)	CT1++, EE7M+	MOX88	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOX88	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	1L5UC	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS3 - Initial (Mechanized)	CT3++, EE7P+, EE7Q+	MOX88	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOX98	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	1L5UD	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS1 - Initial (Mechanized)	CT1++, EE7M+	MOX98	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOX98	

PRICING SHEETS

CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	1L5UD	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS3 - Initial (Mechanized)	CT3++, EE7P+, EE7Q+	MOX98	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS1 - Initial (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS3 - Initial (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOCH3	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	SOCH3	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS1 - Initial (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOCH3	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	SOCH3	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS3 - Initial (Mechanized)			
CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 2-Wire		ABPM2	
CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 4-Wire		ABPM4	
CA	ADDITIONAL NETWORK ELEMENTS	2-Wire Analog Bridge Plug			
CA	ADDITIONAL NETWORK ELEMENTS	4-Wire Analog Bridge Plug			

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	

PRICING SHEETS

FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESР	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2

PRICING SHEETS

FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES L	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3

PRICING SHEETS

FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	

PRICING SHEETS

FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
FL	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEAL2	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEAL2	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEAL2	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEASL	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEASL	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEASL	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Loop Testing - Basic Additional Half Hour	UEANL	URETA	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop) [DISCONNECT]	UEANL	UEAMC	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	

PRICING SHEETS

GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop Non-Designed- Zone 1	UEQ	UEQ2X	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop Non-Designed- Zone 2	UEQ	UEQ2X	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Basic 1st Half Hour	UEQ	URET1	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Bulk Migration, per 2 Wire Voice Loop-SL1	UEQ	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2

PRICING SHEETS

GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES L	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3

PRICING SHEETS

GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone -DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone -DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	

PRICING SHEETS

GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
GA	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Zone 3 (Urban)		U21	3
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3

PRICING SHEETS

KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation		UCXHX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise	UEQ	URETL	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Loop Testing - Basic 1st Half Hour	UEQ	URET1	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Loop Testing - Basic Additional Half Hour	UEQ	URETA	

PRICING SHEETS

LA	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3

PRICING SHEETS

LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
LA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
LA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2

PRICING SHEETS

LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
LA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
LA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
		Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
		Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
LA	ENHANCED EXTENDED LINK (EELs)	Service Rearrangements - NRC - Order Coordination			
LA	ADDITIONAL NETWORK ELEMENTS	Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2HXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2JXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2WXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2WXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2CXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2CXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2CXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2KXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2KXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2KXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Access AreaC)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	C

PRICING SHEETS

OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7LX	U4HXD	D
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	

PRICING SHEETS

OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Design & Central Office Connection	UB5++, EE7MX, UK1++	NRBCL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection	UB5++, EE7NX, UK3++	NRBCL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3

PRICING SHEETS

OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to Collocation		UCXHX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation		UCXJX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG		UM4BX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1		UM4AX	
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 1		UXRA1	1
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 2		UXRA2	2
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 3		UXRA3	3

Exhibit B

AT&T ILEC (“AT&T”)	CARRIER Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	Cox Arkansas Telcom, L.L.C. d/b/a Cox Communications, Cox Business Services and Cox Arkansas Telcom	Interconnection	6/30/2010
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	Cox California Telcom, LLC dba Cox Communications	Interconnection	4/7/2010
Bellsouth Telecommunications, LLC d/b/a AT&T FLORIDA	Cox Florida Telcom, L.P., Cox Georgia Telcom, L.L.C.	Interconnection	8/26/2010
Bellsouth Telecommunications, LLC d/b/a AT&T GEORGIA	Cox Georgia Telcom, L.L.C.	Interconnection	9/21/2010
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	Cox Kansas Telcom, L.L.C. d/b/a Cox Communications, Inc,	Interconnection	10/20/2010
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	Cox Louisiana Telcom, L.L.C. d/b/a Cox Communications d/b/a Cox d/b/a Cox Business	Interconnection	7/9/2010
The Ohio Bell Telephone Company d/b/a AT&T OHIO	Cox Business, Cox Ohio Telcom, L.L.C.	Interconnection	11/29/2010
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	Cox Oklahoma Telcom, L.L.C.	Interconnection	8/24/2006

AMENDMENT

BETWEEN

**BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T FLORIDA,
AT&T GEORGIA AND AT&T LOUISIANA, THE OHIO BELL TELEPHONE
COMPANY, LLC D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE
COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL
TELEPHONE COMPANY, LLC D/B/A AT&T ARKANSAS, AT&T KANSAS
AND AT&T OKLAHOMA**

AND

**COX ARKANSAS TELCOM, L.L.C. D/B/A COX COMMUNICATIONS, COX
BUSINESS SERVICES, COX ARKANSAS, COX CALIFORNIA TELCOM,
LLC D/B/A COX COMMUNICATIONS, COX FLORIDA TELCOM, L.P.
D/B/A COX D/B/A COX BUSINESS D/B/A COX COMMUNICATIONS, COX
GEORGIA TELECOM, LLC, COX LOUISIANA TELCOM, L.L.C. D/B/A
COX COMMUNICATIONS, COX, COX BUSINESS, COX OHIO TELCOM,
L.L.C. D/B/A COX COMMUNICATIONS, COX OKLAHOMA TELCOM,
L.L.C.**

Signature: eSigned - Timothy A. CotterSignature: eSigned - Kristen E. ShoreName: eSigned - Timothy A. Cotter
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: VP, CB Technical Ops & Business Experience Title: AVP- Regulatory
(Print or Type) (Print or Type)Date: 28 Apr 2025Date: 29 Apr 2025

Cox Arkansas Telcom, L.L.C. d/b/a Cox Communications, Cox Business Services, Cox Arkansas, Cox California Telcom, LLC d/b/a Cox Communications, Cox Florida Telcom, L.P. d/b/a Cox d/b/a Cox Business d/b/a Cox Communications, Cox Georgia Telecom, LLC, Cox Louisiana Telcom, L.L.C. d/b/a Cox Communications, Cox, Cox Business, Cox Ohio Telcom, L.L.C. d/b/a Cox Communications, Cox Oklahoma Telcom, L.L.C.

BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA, AT&T GEORGIA and AT&T LOUISIANA, The Ohio Bell Telephone Company, LLC d/b/a AT&T OHIO, Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA, Southwestern Bell Telephone Company, LLC d/b/a AT&T ARKANSAS, AT&T KANSAS and AT&T OKLAHOMA by AT&T Services, Inc., its authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ARKANSAS	7987	---	756D
KANSAS	7987	1802	1802
CALIFORNIA	676G	---	7661
FLORIDA	---	---	7193
GEORGIA	---	---	612C
LOUISIANA	7190	---	7987
OHIO	7987	---	385D
OKLAHOMA	7987	7192	7192

Description	ACNA Code(s)
ACNA(s)	CJI,XFL,XGA,CJI

AMENDMENT TO THE AGREEMENTS BETWEEN

**COX ARKANSAS TELCOM, L.L.C., COX CALIFORNIA TELCOM, LLC, COX FLORIDA TELCOM, L.P.
D/B/A COX D/B/A COX BUSINESS D/B/A COX COMMUNICATIONS, COX GEORGIA TELECOM, LLC,
COX KANSAS TELCOM, L.L.C., COX LOUISIANA TELCOM, L.L.C., COX OHIO TELCOM, L.L.C. D/B/A
COX COMMUNICATIONS AND COX OKLAHOMA TELCOM, L.L.C.**

AND

**BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T FLORIDA, AT&T GEORGIA, AT&T
LOUISIANA, SOUTHWESTERN BELL TELEPHONE COMPANY, LLC D/B/A AT&T ARKANSAS, AT&T
KANSAS, THE OHIO BELL TELEPHONE COMPANY, LLC D/B/A AT&T OHIO, AND PACIFIC BELL
TELEPHONE COMPANY D/B/A AT&T CALIFORNIA**

This Amendment (the "Amendment") amends the Interconnection Agreements by and between BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA, AT&T GEORGIA, AT&T LOUISIANA, Southwestern Bell Telephone Company, LLC d/b/a AT&T ARKANSAS, AT&T KANSAS, The Ohio Bell Telephone Company, LLC d/b/a AT&T OHIO, and Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA ("AT&T") and Cox Arkansas Telcom, L.L.C. d/b/a Cox Communications, Cox Business Services and Cox Arkansas Telcom, Cox California Telcom, LLC dba Cox Communications, Cox Florida Telcom, L.P., Cox Georgia Telcom, L.L.C., Cox Kansas Telcom, L.L.C. d/b/a Cox Communications, Inc., Cox Louisiana Telcom, L.L.C. d/b/a Cox Communications d/b/a Cox d/b/a Cox Business, Cox Ohio Telcom, L.L.C., and Cox Oklahoma Telcom, L.L.C. ("CLEC") as listed in Exhibit C. AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T and CLEC are Parties to Interconnection Agreements under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), signed and as subsequently amended (the "Agreement") as listed in Exhibit C; and

WHEREAS, CLEC has changed its name and wishes to reflect that name change as set forth herein; and

WHEREAS, the Parties desire to amend the Interconnection Agreement to modify certain rates; and

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals and the terms and conditions contained herein, and Pricing Sheets (Exhibit A and Exhibit B) and Exhibit C, all of which are hereby incorporated by this reference and constitute a part of this Amendment.
2. Add the Pricing Sheet in Exhibit A. The rates in Exhibit A supersede the rates for the corresponding elements in the Pricing Sheet in the Agreement.
3. To the extent CLEC is no longer purchasing commercial local transport pursuant to a separate agreement using the USOCs and Basic Classes of Services set forth on the Pricing Sheet in Exhibit A, CLEC shall provide Notice to AT&T to implement the rates set forth in Exhibit B. Upon verification that CLEC is no longer purchasing commercial local transport, AT&T will implement the rates in Exhibit B. Depending on CLEC's bill period and AT&T billing system processes, the rate change may take up to two billing cycles to go into effect.
4. The Agreement is hereby amended to reflect the name change from "Old CLEC Name" to "New CLEC Name".
5. AT&T shall reflect that name change from "Old CLEC Name" to "New CLEC Name" only for the main billing account (header card) for each of the accounts previously billed to CLEC. AT&T shall not be obligated, whether under this Amendment or otherwise, to make any other changes to AT&T's records with respect to those accounts, including to the services and items provided and/or billed thereunder or under the Agreement. Without limiting the foregoing, CLEC affirms, represents, and warrants that the ACNA and OCN for those accounts shall not change from that previously used by CLEC with AT&T for those accounts and the services and items provided and/or billed thereunder or under the Agreement.

6. Once this Amendment is effective, CLEC shall operate with AT&T under the “New CLEC Name” name for those accounts. Such operation shall include, by way of example only, submitting orders under “New CLEC Name”, and labeling (including re-labeling) equipment and facilities with “New CLEC Name”. Any change in CLEC’s name including a change in the “d/b/a”, or due to assignment or transfer of this Agreement wherein only CLEC’s name is changing, and no CLEC Company Code(s) (ACNA/CIC/OCN) are changing, constitutes a CLEC Name Change under this Section. For any CLEC Name Change, CLEC is responsible for providing proof of compliance with industry standards related to any Company Code(s), including notification of the name change to the appropriate issuing authority of those Company Code(s) as required. CLEC must submit the appropriate service request to AT&T to update CLEC’s name on all applicable billing accounts (BANs), and CLEC is responsible for all applicable processing/administration and nonrecurring charges for each service request. Should CLEC desire to change its name on individual circuits and/or End User records, CLEC must submit the appropriate service request(s) to AT&T to update CLEC’s name on individual circuits and/or End User records, and CLEC is responsible for all applicable processing/administration and nonrecurring charges for each of those service request(s).
7. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
8. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
9. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law, or under the intervening law, or regulatory change provisions, in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
10. This Amendment shall be filed with the applicable State Commission(s) and will become effective July 12, 2022.

Exhibit C

AT&T ILEC ("AT&T")	Old CLEC Name	New CLEC Name	Interconnection Agreement Approval Date
Southwestern Bell Telephone Company, LLC d/b/a AT&T ARKANSAS	Cox Arkansas Telcom, L.L.C. d/b/a Cox Communications, Cox Business Services and Cox Arkansas Telcom	Cox Arkansas Telcom, L.L.C.	06/30/10
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	Cox California Telcom, LLC dba Cox Communications	Cox California Telcom, LLC	04/07/10
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	Cox Florida Telcom, L.P.	Cox Florida Telcom, L.P. d/b/a Cox d/b/a Cox Business d/b/a Cox Communications	08/26/10
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	Cox Georgia Telcom, L.L.C.	Cox Georgia Telecom, LLC	09/21/10
Southwestern Bell Telephone Company, LLC d/b/a AT&T KANSAS	Cox Kansas Telcom, L.L.C. d/b/a Cox Communications, Inc.	Cox Kansas Telcom, L.L.C.	10/20/10
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	Cox Louisiana Telcom, L.L.C. d/b/a Cox Communications d/b/a Cox d/b/a Cox Business	Cox Louisiana Telcom, L.L.C.	07/09/10
The Ohio Bell Telephone Company, LLC d/b/a AT&T OHIO	Cox Ohio Telcom, L.L.C	Cox Ohio Telcom, L.L.C. d/b/a Cox Communications	11/29/10
Southwestern Bell Telephone Company, LLC d/b/a AT&T OKLAHOMA	Cox Oklahoma Telcom, L.L.C.		08/24/06

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2024 - July 11, 2025)		UCXHX		\$ 12.68	\$ 143.18	\$ 137.37	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2025 - July 11, 2026)		UCXHX		\$ 19.02	\$ 214.77	\$ 206.06	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2026 - October 31, 2027)		UCXHX		\$ 28.53	\$ 322.16	\$ 309.08	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2024 - July 11, 2025)		UCXJX		\$ 28.04	\$ 264.65	\$ 165.71	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2025 - July 11, 2026)		UCXJX		\$ 42.05	\$ 396.97	\$ 248.56	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2026 - October 31, 2027)		UCXJX		\$ 63.09	\$ 595.45	\$ 372.84	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile (Effective July 12, 2022 - July 11, 2023)		ULNHS		\$ 75.00	\$ 310.00	\$ 220.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile (Effective July 12, 2023 - July 11, 2024)		ULNHS		\$ 150.00	\$ 310.00	\$ 220.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile (Effective July 12, 2024 - July 11, 2025)		ULNHS		\$ 750.00	\$ 310.00	\$ 220.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile (Effective July 12, 2022 - July 11, 2023)		ULNHS		\$ 25.20	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile (Effective July 12, 2023 - July 11, 2024)		ULNHS		\$ 50.40	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile (Effective July 12, 2024 - July 11, 2025)		ULNHS		\$ 252.00	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile (Effective July 12, 2022 - July 11, 2023)		ULNJS		\$ 1,222.50	\$ 338.00	\$ 236.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile (Effective July 12, 2023 - July 11, 2024)		ULNJS		\$ 2,445.00	\$ 338.00	\$ 236.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile (Effective July 12, 2024 - July 11, 2025)		ULNJS		\$ 12,225.00	\$ 338.00	\$ 236.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile (Effective July 12, 2022 - July 11, 2023)		ULNJS		\$ 177.00	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile (Effective July 12, 2023 - July 11, 2024)		ULNJS		\$ 354.00	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile (Effective July 12, 2024 - July 11, 2025)		ULNJS		\$ 1,770.00	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 270.00	\$ 260.00	\$ 161.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 540.00	\$ 260.00	\$ 161.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2024 - July 11 2025)		UM4BX		\$ 2,700.00	\$ 260.00	\$ 161.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 1,222.50	\$ 1,372.00	\$ 813.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 2,445.00	\$ 1,372.00	\$ 813.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2024 - July 11 2025)		UM4AX		\$ 12,225.00	\$ 1,372.00	\$ 813.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2022 - July 11, 2023)		UXRA1	1	\$ 1.42	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2023 - July 11, 2024)		UXRA1	1	\$ 2.84	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2024 - July 11 2025)		UXRA1	1	\$ 14.20	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2022 - July 11, 2023)		UXRA2	2	\$ 1.57	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2023 - July 11, 2024)		UXRA2	2	\$ 3.14	\$ 105.70	\$ 69.40	

13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2024 - July 11 2025)		UXRA2	2	\$ 15.70	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2022 - July 11, 2023)		UXRA3	3	\$ 1.57	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2023 - July 11, 2024)		UXRA3	3	\$ 3.14	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2024 - July 11 2025)		UXRA3	3	\$ 15.70	\$ 105.70	\$ 69.40	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage) (Effective July 12, 2022 - July 11, 2023)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 49.41			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage) (Effective July 12, 2023 - July 11, 2024)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 98.82			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage) (Effective July 12, 2024 - July 11 2025)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 494.10			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile) (Effective July 12, 2022 - July 11, 2023)				\$ 0.37			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile) (Effective July 12, 2023 - July 11, 2024)				\$ 0.74			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile) (Effective July 12, 2024 - July 11 2025)				\$ 3.70			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage) (Effective July 12, 2022 - July 11, 2023)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 702.21			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage) (Effective July 12, 2023 - July 11, 2024)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 1,404.42			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage) (Effective July 12, 2024 - July 11 2025)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 7,022.10			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile) (Effective July 12, 2022 - July 11, 2023)				\$ 7.08			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile) (Effective July 12, 2023 - July 11, 2024)				\$ 14.16			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile) (Effective July 12, 2024 - July 11 2025)				\$ 70.80			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1) (Effective July 12, 2022 - July 11, 2023)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 383.31			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1) (Effective July 12, 2023 - July 11, 2024)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 766.62			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1) (Effective July 12, 2024 - July 11 2025)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 3,833.10			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3) (Effective July 12, 2022 - July 11, 2023)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 431.77			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3) (Effective July 12, 2023 - July 11, 2024)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 863.54			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3) (Effective July 12, 2024 - July 11 2025)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 4,317.70			

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		.27			mile
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.54			
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 2.70			
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 132.66	\$ 105.54	\$ 98.47	
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 265.32	\$ 105.54	\$ 98.47	
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,326.60	\$ 105.54	\$ 98.47	
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 5.80			mile
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 11.60			
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 58.00			
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,606.50	\$ 335.46	\$ 219.28	
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 3,213.00	\$ 335.46	\$ 219.28	
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 16,065.00	\$ 335.46	\$ 219.28	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.17			mile
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.34			
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 1.70			
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 52.39	\$ 110.92	\$ 80.20	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 104.78	\$ 110.92	\$ 80.20	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 523.90	\$ 110.92	\$ 80.20	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 3.94			mile
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 7.88			
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 39.40			
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 524.13	\$ 320.16	\$ 86.24	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 1,048.26	\$ 320.16	\$ 86.24	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 5,241.30	\$ 320.16	\$ 86.24	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2024 - July 11, 2025)		UCXHX		\$ 10.68	\$ 147.75	\$ 120.45	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2025 - July 11, 2026)		UCXHX		\$ 16.02	\$ 221.63	\$ 180.68	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2026 - October 31, 2027)		UCXHX		\$ 24.03	\$ 332.44	\$ 271.02	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2024 - July 11, 2025)		UCXJX		\$ 38.46	\$ 103.13	\$ 75.83	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2025 - July 11, 2026)		UCXJX		\$ 57.69	\$ 154.69	\$ 113.74	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2026 - October 31, 2027)		UCXJX		\$ 86.54	\$ 232.03	\$ 170.61	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 133.78	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 668.90	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 61.17	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 122.34	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 611.70	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 70.29	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 140.58	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 702.90	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 2.30	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 4.60	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 23.00	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 1.08	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 2.16	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 10.80	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 0.48	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 0.96	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 4.80	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 0.52	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 1.04	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 5.20	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 894.82	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 1,789.64	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 8,948.20	\$ 158.10	\$ 97.75	first mile

13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 894.82	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 1,789.64	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 8,948.20	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 714.96	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 1,429.92	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 7,149.60	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 768.45	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 1,536.90	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 7,684.50	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 26.26	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 52.52	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 262.60	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 26.26	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 52.52	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 262.60	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 19.24	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 38.48	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 192.40	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 4.27	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 8.54	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 42.70	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 178.54	\$ 288.90	\$ 187.70	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 357.08	\$ 288.90	\$ 187.70	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2024 - July 11 2025)		UM4BX		\$ 1,785.40	\$ 288.90	\$ 187.70	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 539.74	\$ 1,736.35	\$ 1,202.10	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 1,079.48	\$ 1,736.35	\$ 1,202.10	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2024 - July 11 2025)		UM4AX		\$ 5,397.40	\$ 1,736.35	\$ 1,202.10	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2022 - July 11, 2023)		UXRA1	1	\$ 0.85	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2023 - July 11, 2024)		UXRA1	1	\$ 1.70	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2024 - July 11 2025)		UXRA1	1	\$ 8.50	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2022 - July 11, 2023)		UXRA2	2	\$ 0.97	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2023 - July 11, 2024)		UXRA2	2	\$ 1.94	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2024 - July 11 2025)		UXRA2	2	\$ 9.70	\$ 92.05	\$ 73.25	

13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2022 - July 11, 2023)		UXRA3	3	\$ 1.15	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2023 - July 11, 2024)		UXRA3	3	\$ 2.30	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2024 - July 11 2025)		UXRA3	3	\$ 11.50	\$ 92.05	\$ 73.25	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.39			mile
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.78			
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 3.90			
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 105.70	\$ 86.69	\$ 79.44	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 211.40	\$ 86.69	\$ 79.44	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,057.00	\$ 86.69	\$ 79.44	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 9.06			mile
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 18.12			
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 90.60			
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,275.67	\$ 270.69	\$ 158.05	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 2,551.34	\$ 270.69	\$ 158.05	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 12,756.70	\$ 270.69	\$ 158.05	

CN:11232021-10524

13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB1		\$ 324.10	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB2		\$ 32.41	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB2		\$ 64.82	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB2		\$ 324.10	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB3		\$ 32.41	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB3		\$ 64.82	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB3		\$ 324.10	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX1		\$ 419.70	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX1		\$ 839.40	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11 2025)	UB5++, UK1++	QMVX1		\$ 4,197.00	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX2		\$ 419.70	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX2		\$ 839.40	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11 2025)	UB5++, UK1++	QMVX2		\$ 4,197.00	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX3		\$ 419.70	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX3		\$ 839.40	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11 2025)	UB5++, UK1++	QMVX3		\$ 4,197.00	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CXCDX		\$ 0.60	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CXCDX		\$ 1.20	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2024 - July 11 2025)	UB5++, EE7MX, UK1++	CXCDX		\$ 6.00	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CXCEX		\$ 1.05	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CXCEX		\$ 2.10	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2024 - July 11 2025)	UB5++, EE7NX, UK3++	CXCEX		\$ 10.50	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X1		\$ 559.27	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X1		\$ 1,118.54	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11 2025)	UB5++, UK3++	QM3X1		\$ 5,592.70	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X2		\$ 559.27	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X2		\$ 1,118.54	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11 2025)	UB5++, UK3++	QM3X2		\$ 5,592.70	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X3		\$ 559.27	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X3		\$ 1,118.54	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11 2025)	UB5++, UK3++	QM3X3		\$ 5,592.70	NA		

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2024 - July 11, 2025)		UCXHX		\$ 13.35	\$ 152.55	\$ 100.91	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2025 - July 11, 2026)		UCXHX		\$ 20.03	\$ 228.83	\$ 151.36	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation (Effective July 12, 2026 - October 31, 2027)		UCXHX		\$ 33.08	\$ 343.24	\$ 227.04	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2024 - July 11, 2025)		UCXJX		\$ 43.74	\$ 160.85	\$ 109.25	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2025 - July 11, 2026)		UCXJX		\$ 65.61	\$ 241.27	\$ 163.87	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation (Effective July 12, 2026 - October 31, 2027)		UCXJX		\$ 98.42	\$ 361.90	\$ 245.80	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 223.48	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 446.96	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 2,234.80	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 138.28	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 276.56	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 1,382.80	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 117.13	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 234.26	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 1,171.30	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 210.60	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 421.20	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 2,106.00	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 11.52	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 23.04	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 115.20	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 21.25	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 42.50	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 212.50	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 3.36	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 6.72	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 33.60	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 4.48	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 8.96	NA	NA	additional mile

13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 44.80	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 3,011.68	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 6,023.36	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 30,116.80	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 1,835.59	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 3,671.18	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 18,355.90	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 1,234.17	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 2,468.34	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 12,341.70	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 2,544.46	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 5,088.92	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 25,444.60	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 240.21	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 480.42	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 2,402.10	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 411.52	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 823.04	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 4,115.20	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 88.00	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 176.00	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 1,320.00	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 87.19	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 174.38	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 871.90	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 274.24	\$ 178.12	\$ 105.56	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 548.48	\$ 178.12	\$ 105.56	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG (Effective July 12, 2024 - July 11 2025)		UM4BX		\$ 2,742.40	\$ 178.12	\$ 105.56	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 948.76	\$ 895.90	\$ 522.41	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 1,897.52	\$ 895.90	\$ 522.41	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 (Effective July 12, 2024 - July 11 2025)		UM4AX		\$ 9,487.60	\$ 895.90	\$ 522.41	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile		ULNHS		\$ 50.00	\$ 310.00	\$ 220.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile		ULNHS		\$ 16.80	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile		ULNJS		\$ 815.00	\$ 338.00	\$ 236.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile		ULNJS		\$ 118.00	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX		\$ 180.00	\$ 260.00	\$ 161.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX		\$ 815.00	\$ 1,372.00	\$ 813.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1	\$ 0.95	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2	\$ 1.05	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3	\$ 1.05	\$ 105.70	\$ 69.40	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage)	CT1++, EE7M+	1L5UB		\$ 32.94			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile)				\$ 0.25			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage)	CT3++, EE7P+, EE7Q+	1L5UB		\$ 468.14			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile)				\$ 4.72			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1)	CT1++, EE7M+	MQ1UB		\$ 255.54			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3)	CT3++, EE7P+, EE7Q+	MQ3UB		\$ 287.85			

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.19			mile
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 88.44	\$ 105.54	\$ 98.47	
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 3.87			mile
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 1,071.00	\$ 335.46	\$ 219.28	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.12			mile
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 34.93	\$ 110.92	\$ 80.20	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 2.63			mile
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 349.42	\$ 320.16	\$ 86.24	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1	\$ 51.89	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2	\$ 44.59	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3	\$ 40.78	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I	\$ 46.86	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1	\$ 1.53	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2	\$ 0.72	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3	\$ 0.32	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I	\$ 0.35	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1	\$ -			
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2	\$ 596.55	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3	\$ 478.64	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I	\$ 512.30	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1	\$ -			
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2	\$ 17.51	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3	\$ 12.83	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I	\$ 2.85	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX		\$ 119.03	\$ 288.90	\$ 187.70	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX		\$ 359.83	\$ 1,736.35	\$ 1,202.10	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1	\$ 0.57	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2	\$ 0.65	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3	\$ 0.77	\$ 92.05	\$ 73.25	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.27			mile
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 70.47	\$ 86.69	\$ 79.44	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 6.04			mile
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 850.45	\$ 270.69	\$ 158.05	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1		\$ 14.79	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2		\$ 14.79	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3		\$ 14.79	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1		\$ 1.64	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2		\$ 1.64	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3		\$ 1.64	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1		\$ 127.75	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2		\$ 127.75	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3		\$ 127.75	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1		\$ 21.61	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2		\$ 21.61	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3		\$ 21.61	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1		\$ 279.80	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2		\$ 279.80	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3		\$ 279.80	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX		\$ 0.40	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX		\$ 0.70	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1		\$ 372.85	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2		\$ 372.85	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3		\$ 372.85	NA		

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1	\$ 148.99	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2	\$ 92.19	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3	\$ 78.09	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I	\$ 140.40	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1	\$ 7.68	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2	\$ 14.17	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3	\$ 2.24	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I	\$ 2.99	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1	\$ 2,007.79	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2	\$ 1,223.73	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3	\$ 822.78	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I	\$ 1,696.31	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1	\$ 160.14	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2	\$ 274.35	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3	\$ 58.67	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I	\$ 58.13	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG		UM4BX		\$ 182.83	\$ 178.12	\$ 105.56	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1		UM4AX		\$ 632.51	\$ 895.90	\$ 522.41	