APPENDIX A TO THE PRICING ATTACHMENT[[1]](#footnote-1) (NC)

FRONTIER COMMUNICATIONS OF THE CAROLINAS LLC

North Carolina v2.1

Rates and Charges for Transport and Termination of Traffic[[2]](#footnote-2)

Reciprocal Compensation Traffic Termination

Reciprocal Compensation Traffic End Office Rate: **Bill and Keep**

Reciprocal Compensation Traffic Tandem Rate: **Bill and Keep**

The Tandem Transit Service Charge: **$0.0031245 per mou**

Entrance Facility and Transport for Interconnection Charges: **Per Intrastate Special Access Tariff**

Exchange Access Service: **Per Frontier Interstate and/or Frontier Intrastate Access Tariff**

Non-Recurring Charges (NRCs) for Resale Services

Pre-ordering

CLEC Account Establishment Per CLEC $ 266.46

Customer Record Search Per Account $ 11.40

Ordering and Provisioning

Engineered Initial Service Order (ISO) - New Service $ 343.15

Engineered Initial Service Order - As Specified $ 130.22

Engineered Subsequent Service Order $ 69.99

Non-Engineered Initial Service Order - New Service $ 36.86

Non-Engineered Initial Service Order – Changeover $ 22.18

Non-Engineered Initial Service Order - As Specified $ 46.32

Non-Engineered Subsequent Service Order $ 20.00

Central Office Connect $ 5.78

Outside Facility Connect $ 79.82

Manual Ordering Charge $ 11.65

Product Specific:

NRCs, other than those for Pre-ordering, Ordering and Provisioning, and Custom Handling as listed in this Appendix, will be charged from the appropriate retail tariff. No discount applies to such NRCs.

Custom Handling:

Service Order Expedite:

Engineered $ 70.34

Non-Engineered $ 12.93

Coordinated Conversions: $ 19.11

Central Office Connection $ 9.43

Outside Facility Connection $ 8.38

Hot Coordinated Conversion First Hour:

ISO $ 24.47

Central Office Connection $ 37.72

Outside Facility Connection $ 33.50

Hot Coordinated Conversion per Additional Quarter Hour:

ISO $ 5.01

Central Office Connection $ 9.43

Outside Facility Connection $ 8.38

**Application of NRCs**

Pre-ordering:

CLEC Account Establishment is a one-time charge applied the first time that {{ACNA}} orders any service from this Agreement.

Customer Record Search applies when {{ACNA}} requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Engineered Initial Service Order - New Service applies per Local Service Request (LSR) when engineering work activity is required to complete the order, e.g. digital loops.

Non-Engineered Initial Service Order - New Service applies per LSR when no engineering work activity is required to complete the order, e.g. analog loops.

Initial Service Order - As Specified (Engineered or Non-Engineered) applies only to Complex Services for services migrating from Frontier to {{ACNA}}. Complex Services are services that require a data gathering form or have special instructions.

Non-Engineered. Initial Service Order - Changeover applies only to Basic Services for services migrating from Frontier to {{ACNA}}. End-user service may remain the same or change.

Central Office Connect applies in addition to the ISO when physical installation is required at the central office.

Outside Facility Connect applies in addition to the ISO when incremental fieldwork is required.

Manual Ordering Charge applies to orders that require Frontier to manually enter {{ACNA}}'s order into Frontier's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite (Engineered or Non-Engineered) applies if {{ACNA}} requests service prior to the standard due date intervals.

Coordinated Conversion applies if {{ACNA}} requests notification and coordination of service cut over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if {{ACNA}} requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Prices for Unbundled Network Elements[[3]](#footnote-3)

**Monthly Recurring Charges**

**Local Loop**

2 Wire Digital Loop (inclusive of NID)

Zone 1 $ 19.68❖

Zone 2 $ 38.12❖

Zone 3 $ 49.31❖

Channelized Loop Facility – Additional Cost of Unbundling $ 12.45❖

4 Wire Digital Loop (inclusive of NID)

Zone 1 $ 24.74❖

Zone 2 $ 47.92❖

Zone 3 $ 61.97❖

Channelized Loop Facility – Additional Cost of Unbundling $ 14.87❖

DS-1 Loop

Zone 1 $ 60.68❖

Zone 2 $ 117.53❖

Zone 3 $ 152.00❖

DS-3 Loop (all zones) $ 767.94❖

ISDN BRI Loop

Zone 1 $ 42.92❖

Zone 2 $ 83.13❖

Zone 3 $ 107.51❖

Channelized Loop Facility – Additional Cost of Unbundling $ 36.50❖

ISDN PRI Loop

Zone 1 $ 60.68❖

Zone 2 $ 117.53❖

Zone 3 $ 152.00❖

Channelized Loop Facility – Additional Cost of Unbundling $ 14.87❖

ADSL High Capacity Loop

Zone 1 $ 54.02❖

Zone 2 $ 104.62❖

Zone 3 $ 135.31❖

HDSL High Capacity Loop

Zone 1 $ 60.39❖

Zone 2 $ 116.97❖

Zone 3 $ 151.28❖

Supplemental Features:

ISDN-BRI Line Loop Extender $ 4.93

DS1 Clear Channel Capability $ 24.00

**Subloop**

2-Wire Distribution

Zone 1 $ 11.22❖

Zone 2 $ 21.73❖

Zone 3 $ 28.10❖

4-Wire Distribution

Zone 1 $ 14.35❖

Zone 2 $ 27.79❖

Zone 3 $ 35.94❖

2-Wire Drop

Zone 1 $ 2.76❖

Zone 2 $ 5.34❖

Zone 3 $ 6.90❖

4-Wire Drop

Zone 1 $ 3.22❖

Zone 2 $ 6.23❖

Zone 3 $ 8.06❖

InsideWire BFR

**Network Interface Device (leased separately)**

Basic NID: $ 0.87

Complex (12 x) NID $ 1.10

NC Commission Order dated 3/6/2002: Docket P100, Sub 133d.

**Dedicated Transport Facilities**

Interoffice Dedicated Transport:

IDT DS0 Transport Facility per ALM $ 0.49

IDT DS0 Transport Termination $ 4.06

Multiplexing (Dedicated Transport):

DS1 to Voice Multiplexing $ 133.28

DS3 to DS1 Multiplexing $ 1,185.55

DS1 Clear Channel Capability $ 24.00

**Unbundled Dark Fiber**

Unbundled Dark Fiber Loops

Dark Fiber Loop $ 64.00❖

Unbundled Dark Fiber Dedicated Transport

Dark Fiber IDT –Facility $ 15.89❖

Dark Fiber IDT –Termination $ 4.35❖

Intermediate Office Cross Connect TBD

**Line Splitting****[[4]](#footnote-4)**

Unique Collocation Splitter Arrangement Rate Elements

Virtual – Splitter Equipment Maintenance, per shelf $ 14.66❖

Individual Line Rate Elements

Frontier Owned Splitter – Line Splitting Loop Charge $ 2.29❖

**Line Splitting (also referred to as “Loop Sharing”)****[[5]](#footnote-5)** **[[6]](#footnote-6)**

|  |  |  |
| --- | --- | --- |
| **A. Unbundled Local Loops** | As Applicable per this Appendix A for UNE Local 2-Wire Digital (DSL qualified) Loops Monthly Recurring Charges and Non-Recurring Charges as amended from time to time. Includes, without limitation, Recurring 2-Wire Digital (DSL qualified) Loop Charges, Service Order Charge (per order), Service Connection Charge\* (per loop), Service Connection-Other Charge\* (per loop), and Provisioning charges. Also includes, without limitation, if applicable, Field Dispatch, TC Not Ready, Loop Qualification, Engineering Query, Engineering Work Order, Trouble Dispatch, Misdirects, Dispatch In, Out, and Dispatch Expedites, Installation Dispatch, Manual Intervention, Expedited, Digital Designed Recurring and Non-Recurring Charges. | |
| **B. Other Charges** | **i. Regrade** | NRC TBD |
|  | **ii. \*Service Connection**  **\*Service Connection/ Other** | A second Service Connection NRC andService Connection/Other NRC applies on New Loop Sharing Arrangements involving the connection of both voice and data connections. |
|  | **iii. Disconnect** | A disconnect NRC applies, as applicable, on total Loop Sharing disconnects. |
|  | **iv. Line and Station Transfers/Pair Swaps** | An LST/Pair Swap NRC applies, as applicable, on LST activity performed on New Loop Sharing Arrangements. |
| **C. Collocation Rates**  Collocation Rates (including, without limitation, Splitter Connection and Installation Rates) | As Applicable per this Appendix A. | |

**NON-RECURRING CHARGES**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | **Provisioning** | |
| **100%**  **Manual** | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  |  |  |  |
| **UNBUNDLED LOOP** |  |  |  |  |
|  |  |  |  |  |
| Engineered, Initial Service | N/A | $ 207.54 | N/A | N/A |
| DS3 Initial | $ 71.27 | $ 38.74 | $ 145.15 |  |
| DS3 Subsequent | $ 67.51 | $ 34.98 | $ 31.44 | N/A |
| Non-engineered, Initial Service | N/A | $ 33.77 | N/A | N/A |
| Central Office Connect, per loop | N/A | N/A | $ 4.95 | N/A |
| Outside Facility Connect, per order | N/A | N/A | $ 86.35 | N/A |
|  |  |  |  |  |
| **CONVERSIONS** |  |  |  |  |
| **Coordinated Conversion**❖ |  |  |  |  |
| Exchange – Standard Interval | $ 29.21 | $ 29.21 | N/A | N/A |
| Exchange – Additional Interval | $ 25.21 | $ 25.21 | N/A | N/A |
| Advanced – Standard Interval | $ 21.61 | $ 21.61 | N/A | N/A |
| Advanced – Additional Interval | $ 19.81 | $ 19.81 | N/A | N/A |
|  |  |  |  |  |
| **Hot-Cut Coordinated Conversion**❖ |  |  |  |  |
| Exchange – Standard Interval | $ 105.75 | $ 105.75 | N/A | N/A |
| Exchange – Additional Interval | $ 25.21 | $ 25.21 | N/A | N/A |
| Advanced – Standard Interval | $ 81.05 | $ 81.05 | N/A | N/A |
| Advanced – Additional Interval | $ 19.81 | $ 19.81 | N/A | N/A |
|  |  |  |  |  |
| **MISCELLANEOUS WHOLESALE SERVICES** |  |  |  |  |
| **Expedites**❖ |  |  |  |  |
| Exchange Products | $ 3.36 | $ 3.36 | N/A | N/A |
| Advanced Products | $ 3.36 | $ 3.36 | N/A | N/A |
|  |  |  |  |  |
| **Other**❖ |  |  |  |  |
| Customer Record Search, per account | $ 2.97 |  | N/A | N/A |
| CLEC Account Establishment, per CLEC | $ 166.32 | $ 166.32 | N/A | N/A |
|  |  |  |  |  |
| **UNBUNDLED NID**❖ |  |  |  |  |
| Exchange – Basic | $ 10.32 | $ 2.12 | $ 3.61 | N/A |
|  |  |  |  |  |
| **UNBUNDLED HOUSE AND RISER**❖ |  |  |  |  |
| Exchange – Terminal Block Connection – Initial | $ 14.32 | $ 7.61 | $ 20.26 | $ 9.57 |
| Exchange – Terminal Block Connection – Subsequent | $ 9.68 | $ 6.31 | $ 18.68 | $ 7.99 |
|  |  |  |  |  |

NC Commission Order dated 3/6/2002: Docket P100, Sub 133d.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | **Provisioning** | |
| **100%**  **Manual** | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  |  |  |  |
| **UNBUNDLED SUBLOOP**❖ |  |  |  |  |
|  |  |  |  |  |
| Exchange - FDI Distribution Interconnection - Initial | $ 15.07 | $ 6.88 | $ 53.82 | $ 41.95 |
| Exchange - FDI Distribution Interconnection - Subsequent | $ 10.93 | $ 6.08 | $ 17.34 | $ 5.46 |
| Exchange - Serving Terminal Interconnection - Initial | $ 15.07 | $ 6.88 | $ 14.33 | $ 6.03 |
| Exchange - Serving Terminal Interconnection - Subsequent | $ 10.93 | $ 6.08 | $ 12.75 | $ 4.45 |
| Inside Wire | BFR | BFR | BFR | BFR |
| **UNBUNDLED DARK FIBER**❖ |  |  |  |  |
|  |  |  |  |  |
| Advanced - Service Inquiry Charge | $ 404.32 | $ 404.10 | N/A | N/A |
| Advanced - Interoffice Dedicated Transport | $ 5.18 | $ 4.95 | $ 47.33 | $ 41.42 |
| Advanced - Unbundled Loop | $ 5.18 | $ 4.95 | $ 44.62 | $ 39.30 |
| Intermediate Office Cross Connect | TBD |  |  |  |
| Dark Fiber Record Review (with reservations) | TBD |  |  |  |
| Dark Fiber Optional Engineering Services | TBD |  |  |  |
|  |  |  |  |  |
| **Changeover Charge** |  |  |  |  |
| Advanced - Basic (2-wire and 4-wire) Changeover (As Is) | $ 161.87 | $ 99.77 | $ 41.64 | n/a |
| Advanced - Basic (2-wire and 4-wire) Changeover (As Is)- Additional MOG (Mass Order Generator) Only | $ 7.52 | $ 4.56 | $ 41.64 | n/a |
| Advanced - Complex (DS1 and above) Changeover (As Is) | $ 179.37 | $ 117.27 | $ 41.64 | n/a |
| Advanced - Complex (DS1 and above) Changeover (As Is)- Additional MOG (Mass Order Generator) Only | $ 7.52 | $ 4.56 | $ 41.64 | n/a |
|  |  |  |  |  |

NC Commission Order dated 3/6/2002: Docket P100, Sub 133d.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | **Provisioning** | |
| **100%**  **Manual** | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  |  |  |  |
| **LOOP CONDITIONING[[7]](#footnote-7)**  **(No charge for loops 12,000 feet or less)** |  |  |  |  |
|  |  |  |  |  |
| Loop Conditioning - Bridged Tap | N/A | N/A | $ 534.99 | $ 39.66 |
| Loop Conditioning - Load Coils | N/A | N/A | $ 90.30 | $ 84.45 |
| Loop Conditioning - Load Coils / Bridged Tap | N/A | N/A | $ 625.29 | $ 124.11 |
| Engineering Work Order | N/A | N/A | $ 650.31 | N/A |
| Repeater Removal | N/A | N/A | $ 534.99 | N/A |
|  |  |  |  |  |
| **LINE AND STATION TRANSFER[[8]](#footnote-8)** | $ 0.00 | $ 0.00 | $ 147.75 | N/A |
|  |  |  |  |  |
| **INTEROFFICE DEDICATED TRANSPORT (IDT)** |  |  |  |  |
|  |  |  |  |  |
| Advanced - Basic (2-wire and 4-wire) - Initial | $ 95.49 | $ 63.01 | $ 428.58 | N/A |
| Advanced - Basic (2-wire and 4-wire) - Subsequent | $ 45.12 | $ 28.77 | $ 58.20 | N/A |
| Advanced - Complex (DS1 and above) - Initial | $ 105.04 | $ 72.56 | $ 584.49 | N/A |
| Advanced - Complex (DS1 and above) - Subsequent | $ 45.12 | $ 28.77 | $ 86.80 | N/A |
|  |  |  |  |  |
| **OTHER** |  |  |  |  |
|  |  |  |  |  |
| CLEC Account Establishment, per CLEC | $ 263.37 | $ 263.37 | N/A | N/A |
| Design Change Charge | $ 27.00 | $ 27.00 | N/A | N/A |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | **Provisioning** | |
| **100%**  **Manual** | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  |  |  |  |
| **ROUTINE NETWORK MODIFICATIONS[[9]](#footnote-9)** |  |  |  |  |
|  |  |  |  |  |
| Engineering Query[[10]](#footnote-10) | N/A | N/A | $ 183.99 | N/A |
| Engineering Work Order[[11]](#footnote-11) | N/A | N/A | $ 650.31🞟 | N/A |
| Expedite Engineering Query10 [[12]](#footnote-12) | N/A | N/A | $ 41.67 | N/A |
| Expedite Engineering Work Order 11 12 | N/A | N/A | $ 27.94 | N/A |
| Clear Defective Pair | N/A | N/A | $ 272.35 | N/A |
| Reassignment of Non-Working Cable Pair | N/A | N/A | $ 272.35 | N/A |
| Binder Group Rearrangement | N/A | N/A | $ 529.77 | N/A |
| Repeater – Installation | N/A | N/A | $ 1,597.10 | N/A |
| Apparatus Case – Installation | N/A | N/A | $ 2,992.81 | N/A |
| Range Extenders – DS0 Installation | N/A | N/A | $ 809.72 | N/A |
| Range Extenders – DS1 Installation | N/A | N/A | $ 809.72 | N/A |
| Channel Unit to Universal/Cotted DLC System (existing) | N/A | N/A | $ 170.30 | N/A |
| Serving Terminal – Installation/Upgrade | N/A | N/A | Time and Material | N/A |
| Activate Dead Copper Pair | N/A | N/A | $ 199.90 | N/A |
| Multiplexer – 1/0 - Installation | N/A | N/A | $12,211.41 | N/A |
| Multiplexer – 1/0 – Reconfiguration | N/A | N/A | $ 170.30 | N/A |
| Multiplexer – 3/1 - Installation | N/A | N/A | $26,981.19 | N/A |
| Multiplexer – 3/1 – Reconfiguration | N/A | N/A | $ 382.34 | N/A |
| Multiplexer – Other – Installation | N/A | N/A | Time and Material | N/A |
| Move Drop | N/A | N/A | $ 109.28 | N/A |
| Cross-Connection – Existing Fiber Facility | N/A | N/A | $ 346.93 | N/A |
| Line Card – Installation | N/A | N/A | $ 314.63 | N/A |
| Copper Rearrangement | N/A | N/A | $ 482.90 | N/A |
| Central Office Terminal – Installation | N/A | N/A | $35,307.87 | N/A |
| IDLC Only Condition | N/A | N/A | $36,847.28 | N/A |
| Other Required Modifications | N/A | N/A | Time and Material | N/A |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | **Provisioning** | |
| **100%**  **Manual** | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  |  |  |  |
| **OTHER** |  |  |  |  |
| Commingled Arrangements – per circuit NRC | N/A | N/A | $ 50.00 | N/A |
| Conversion – Service Order | N/A | N/A | $ 19.33 | N/A |
| Conversion - Installation per circuit | N/A | N/A | $ 7.27 | N/A |
| Circuit Retag – per circuit | N/A | N/A | $ 59.43 | N/A |
|  |  |  |  |  |
| Dark Fiber – Dark Fiber Routine Network Modifications | N/A | N/A | Time and Material | N/A |

**Application of NRCs**

Preordering:

CLEC Account Establishment is a one-time charge applied the first time that {{ACNA}} orders any service from this Agreement.

Customer Record Search applies when {{ACNA}} requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Initial Service Order (ISO) applies to each Local Service Request (LSR) and Access Service Request (ASR) for new service. Charge is Manual (e.g. for a faxed order) or Semi-Mechanized (e.g. for an electronically transmitted order) based upon the method of submission used by {{ACNA}}.

Subsequent Service Order applies to each LSR/ASR for modifications to an existing service. Charge is Manual or Semi-Mechanized based upon the method of submission used by {{ACNA}}.

Advanced ISO applies per LSR/ASR when engineering work activity is required to complete the order.

Exchange ISO applies per LSR/ASR when no engineering work activity is required to complete the order.

Provisioning – Initial Unit applies per ISO for the first unit installed. The Additional Unit applies for each additional unit installed on the same ISO.

Basic Provisioning applies to services that can be provisioned using standard network components maintained in inventory without specialized instructions for switch translations, routing, and service arrangements.

Complex Provisioning applies to services that require special instruction for the provisioning of the service to meet the customer's needs.

Examples of services and their Ordering/Provisioning category that applies:

Exchange-Basic: Standard Subloop Distribution, Drop and NID.

Exchange-Complex: Non-loaded Subloop Distribution and Loop Conditioning.

Advanced-Basic: 2-Wire Digital Loop, 4-Wire Digital Loop

Advanced-Complex: DS1 Loop, DS3 Loop and Dark Fiber.

Conditioning applies in addition to the ISO, for each Loop or Subloop UNE for the installation and grooming of Conditioning requests.

DS1 Clear Channel Capability applies in addition to the ISO, per DS1 for the installation and grooming of DS1 Clear Channel Capability requests.

Service Inquiry – Dark Fiber applies per service inquiry when {{ACNA}} requests Frontier to determine the availability of dark fiber on a specific route.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if {{ACNA}} requests service prior to the standard due date intervals and the expedite request can be met by Frontier.

Coordinated Conversion applies if {{ACNA}} requests notification and coordination of service cut-over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if {{ACNA}} requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Design Change Charge applies to orders for design changes requested by {{ACNA}}.

Rates and Charges for 9-1-1

See State Access Tariff.

Collocation♣

## **Caged, Cageless, and Virtual Monthly Nonrecurring**

### 1. Engineering

Engineering - Initial $ 1,128.42

### Major Augment Fee $ 1,071.72

### Intermediate Augment Fee $ 846.48

### Minor Augment Fee $ 496.79

### Simple Augment Fee $ 199.42

### 2. Access Card Administration, per card $ 15.00

### 3. Cage Enclosure

### Engineering, per cage $ 559.81

### Construction, per lin ft $ 25.37

### 4. Cage Grounding Bar, per cage $ 821.47

5. Overhead Superstructure, per project $ 2,485.22

6. Facility Pull/Termination

Engineering (Metallic and Fiber), per project $ 78.19

Facility Pull Labor (Metallic), per cable run $ 224.22

Fiber Optic Patchcord Pull Labor, per cable run $ 172.05

DS0 Cable Termination (Pre-connectorized),

per 100 pair $ 4.44

DS1 Cable Termination (Pre-connectorized),

per 28 pair $ 1.11

DS3 Coaxial Cable Termination

(Pre-connectorized), per term $ 1.11

DS3 Coaxial Cable Termination

(Unconnectorized), per term $ 11.09

Fiber Optic Patchcord Termination

(Connectorized), per term $ 1.11

7. Fiber Cable Pull

Engineering, per project $ 606.30

Place Innerduct, per lin ft $ 2.27

Labor, per lin ft $ 0.93

Cable Fire Retardant, per occurrence $ 44.37

♣NC Commission Order dated 4/11/2005: Docket P-100, Sub 133j

## **Monthly Nonrecurring**

8. Fiber Cable Splice

Engineering, per project $ 30.32

Splice Cable, per fiber $ 49.33

9. DC Power

Per 40 amps $ 2,908.80

Per 1 amp $ 12.20

10. Cable Material

DS0 Cable (Connectorized) 100 pr, per cable run $ 323.16

DS1 Cable (Connectorized), per cable run $ 300.02

DS3 Coaxial Cable, per cable run $ 81.41

Shielded Cable (Orange Jacket), per cable run $ 31.12

Category 5 (Connectorized), per lin ft $ 1.06

Power Cable

Wire Power 1/0, per cable run $ 90.34

Wire Power 2/0, per cable run $ 131.78

Wire Power 3/0, per cable run $ 145.95

Wire Power 4/0, per cable run $ 178.72

Wire Power 350 MCM, per cable run $ 306.45

Wire Power 500 MCM, per cable run $ 426.69

Wire Power 750 MCM, per cable run $ 657.61

Fiber Optic Patch Cord – Dual Fiber

Connectorized, per cable run $ 678.90

11. Virtual Support

Equipment Engineering & Installation, per qtr rack $ 3,928.23

Software Upgrade, per base unit $ 70.28

Card Installation, per card $ 100.32

Engineering – New, per occurrence $ 734.06

12. BITS Timing

Per project $ 304.14

Per port $ 7.21

13. Miscellaneous Services

Collocation Space Report, per CO requested $ 1,217.52

Labor

Basic Bus Day

First ½ hr, per Tech $ 42.76

Ea addl ½ hr, per Tech $ 21.38

OT Non-Bus Day

First ½ hr, per Tech $ 100.00

Ea addl ½ hr, per Tech $ 75.00

Prem Non-Bus Day

First ½ hr, per Tech $ 150.00

Ea addl ½ hr, per Tech $ 125.00

♣NC Commission Order dated 4/11/2005: Docket P-100, Sub 133j

## **Monthly Nonrecurring**

14. Building Modification, per request $ 77.94

15. Building Security, per sq ft $ 0.01

16. Environmental Conditioning, per 40 load amps $ 69.88

17. Floor Space

Caged, per sq ft $ 2.30

Relay Rack, per lin ft $ 9.78

Cabinet, per lin ft $ 13.23

18. Cable Subduct Space

Per lin ft $ 0.03

Manhole, per project $ 3.47

19. Fiber Cable Vault Splice

Material

48 fiber, per splice $ 6.24

96 fiber, per splice $ 17.85

Space

48 fiber, per subduct $ 0.63

96 fiber, per subduct $ 0.63

20. Cable Rack Space

Shared – Metallic, per cable run $ 0.41

Fiber, per innerduct ft $ 0.01

21. Facility Termination

DS0, per 100 pr $ 2.68

DS1, per 28 pr $ 11.02

DS3, per DS3 $ 7.75

Fiber Optic, per connector $ 0.72

22. Fiber Optic Duct Space, per occurrence $ 0.29

23. Virtual Equipment Maintenance, per qtr rack $ 50.06

NOTE: Frontier's cross connect and cable installation rates are not applicable for CLEC-to-CLEC direct connections for cross connects and cable installation that do not traverse Frontier's equipment, but when Frontier allows a CLEC to provision such a direct CLEC-to-CLEC connection, the CLEC should deploy such connection pursuant to Section 5.5.1.

## **Monthly Nonrecurring**

**B. Adjacent Collocation**

1. Engineering Fee - On-site, per occurrence $ 958.00

2. Facility Pull

Engineering, per project $ 78.19

Labor, per lin ft $ 1.11

3. Facility Cable Termination

DS0, per 100 pr $ 2.68

Connectorized, per 100 pr $ 4.44

Unconnectorized, per 100 pr $ 44.37

DS1, per 28 pr $ 11.02

Connectorized, per 28 pr $ 1.11

Unconnectorized, per 28 pr $ 33.28

DS3, per coaxial $ 7.75

Connectorized, per DS3 $ 1.11

Unconnectorized), per DS3 $ 11.09

Fiber, per fiber term $ 49.33

4. Fiber Cable Pull

Engineering, per project $ 606.30

Place Innerduct, per lin ft $ 2.27

Labor, per lin ft $ 0.93

5. Cable Fire Retardant, per occurrence $ 44.37

6. Metallic Cable Pull

Engineering, per project $ 606.30

Labor, per lin ft $ 1.05

7. Cable Splice

Metallic

Engineering, per project $ 30.32

Greater than 200 pr, per DS0/DS1 $ 1.38

Less than 200 pr, per DS0/DS1 pair $ 1.38

Fiber

Engineering, per project $ 30.32

48 fiber cable or less, per fiber $ 49.33

Greater than 48 fiber, per fiber $ 41.54

8. Cable Subduct Space

Per lin ft $ 0.03

Manhole, per project $ 3.47

9. Conduit Space (4” Duct)

Metallic Manhole, per conduit $ 6.29

Metallic Cable, per lin ft $ 0.03

## **Monthly Nonrecurring**

10. Cable Vault Splice

Material

1200 pr, per splice $ 224.35

900 pr, per splice $ 163.38

600 pr, per splice $ 108.18

100 pr, per splice $ 22.84

48 fiber, per splice $ 6.24

96 fiber, per splice $ 17.85

Space

1200 pr, per cable $ 2.33

900 pr, per cable $ 2.11

600 pr, per cable $ 1.50

100 pr, per cable $ 0.34

48 fiber, per subduct $ 0.63

96 fiber, per subduct $ 0.63

11. Cable Rack Space

Metallic

DS0, per lin ft $ 0.003

DS1, per lin ft $ 0.002

Fiber, per innerduct ft $ 0.005

Coaxial, per lin ft $ 0.010

## **Monthly Nonrecurring**

**C. Microwave Collocation**

(not part of Collocation standard offering)

### 1. Augment Fee, per occurrence $ 1,295.90

2. Facility Pull

Engineering, per project $ 33.82

Labor, per lin ft $ 1.14

3. Building Penetration for Microwave Cable,

per occurrence ICB

4. Special Work for Microwave, per occurrence ICB

5. Rooftop Space, per sq ft $ 2.39

## **Monthly Nonrecurring**

**D. Dedicated Transit Service**

1. Service Order

DS0

Semi-Mechanized, per occurrence $ 21.89

Manual, per occurrence $ 38.02

Connection, CO Wiring, per occurrence $ 6.16

Provisioning, per occurrence $ 42.54

DS1, DS3, Dark Fiber

Semi-Mechanized, per occurrence $ 21.89

Manual, per occurrence $ 38.02

Connection, CO Wiring, per occurrence $ 14.90

Provisioning, per occurrence $ 57.43

2. Service Connection CO Wiring

DS0, per occurrence $ 6.16

DS1, DS3, Dark Fiber, per occurrence $ 14.90

3. Service Connection Provisioning

DS0, per occurrence $ 42.54

DS1, DS3, Dark Fiber, per occurrence $ 57.43

**DESCRIPTION AND APPLICATION OF COLLOCATION RATE ELEMENTS**

**Non-Recurring Charges for Caged, Cageless, and Virtual Collocation**

Engineering - Initial. Applies for each initial Caged or Cageless collocation request. This charge recovers the costs of the initial walkthrough to determine if there is sufficient collocation space, the best location for the collocation area, what building modifications are necessary to provide collocation, and if sufficient DC power facilities exist in the premises to accommodate collocation. This fee also includes the total time for the Building Services Engineer and the time for the Outside Plant and Central Office Engineers to attend status meetings.

Major Augment Fee. Applies for each Major Augment request to an existing Caged, Cageless, or Virtual collocation arrangement. Major Augments will be completed within ninety (90) days after receipt of the Bona Fide Firm Order (BFFO) and will include all requests for additional space.

Intermediate Augment Fee. Applies for each Intermediate Augment request to an existing Caged, Cageless or Virtual collocation arrangement. Intermediate Augments will be completed within sixty (60) calendar days after receipt of the BFFO for requests as defined in Section 9.5 of the Standard Offering.

Minor Augment Fee. Applies for each Minor Augment request to an existing Caged, Cageless or Virtual collocation arrangement. Minor augments will be completed within forty-five (45) calendar days after receipt of the BFFO for requests as defined in Section 9.4 of the Standard Offering.

Simple Augment Fee. Applies for each Simple Augment request to an existing Caged, Cageless or Virtual collocation arrangement. Minor augments will be completed within twenty (20) calendar days after receipt of the BFFO for requests as defined in Section 9.3 of the Standard Offering.

Access Card Administration. The Access Card Administration rate covers activities associated with the issuance and management of premises access cards. The rate is applied on a per card basis.

Cage Enclosure Engineering. Recovers engineering costs associated with construction of the cage enclosure. The rate is applied for initial Caged collocation requests and for subsequent augment requests to the cage enclosure.

Cage Enclosure Construction. Recovers labor and material costs for construction of the enclosure for Caged collocation arrangements. The rate is applied per linear foot of cage enclosure.

Cage Grounding Bar. The Cage Grounding Bar rate recovers the material and labor costs to provision a ground bar, including necessary ground wire, in the collocator’s cage.

Overhead Superstructure. The Overhead Superstructure charge is applied for each initial caged and cageless collocation project. The Overhead Superstructure charge recovers Frontier’s engineering, material, and installation costs for extending dedicated overhead superstructure.

Facility Pull/Termination-Engineering (Metallic & Fiber). Applied per project to recover the engineering costs of pulling and terminating the interconnection wire (cable or fiber patchcord) from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel, or fiber distribution panel.

Facility Pull – Labor (Metallic). Applied per cable run and recovers the labor cost of pulling metallic cable from the collocation cage or relay rack to the Main Distribution Frame block or DSX panel.

Fiber Optic Patch Cord Pull – (Facility Pull – Facility Labor). Applied per cable run and recovers the labor cost of pulling fiber optic patch cord from the collocation cage or relay rack to the fiber distribution panel.

Metallic Cable Termination. Applied per metallic cable terminated and is designed to recover the labor cost of terminating or disconnecting transmission cable from the collocation cage or relay rack to the Main distribution Frame block or DSX panel.

Fiber Optic Patch Cord Termination (Connectorized-Facility Termination). The Fiber Optic Patchcord Termination is applied per termination and recovers the labor cost to terminate or disconnect the fiber optic patchcord cable to the fiber distribution panel.

Fiber Cable Pull-Engineering. The Fiber Cable Pull-Engineering charge is applied per project to cover the engineering costs for pulling {{ACNA}}'s fiber cable, when necessary, into Frontier's central office to the Collocation arrangement.

Fiber Cable Pull-Place Innerduct. The Fiber Cable Pull-Place Innerduct charge is applied per linear foot to cover the cost of placing innerduct. Innerduct is the split plastic duct placed from the cable vault to {{ACNA}}'s equipment area through which {{ACNA}}'s fiber cable is pulled.

Fiber Cable Pull-Labor. This charge is applied per linear foot and covers the labor costs of pulling {{ACNA}}'s fiber cable into Frontier's central office to the collocation arrangement.

Fiber Cable Pull-Cable Fire Retardant. This charge is applied per occurrence and is associated with the filling of space around cables extending through walls and between floors with a nonflammable material to prevent fire from spreading from one room or floor to another.

Fiber Cable Splice-Engineering. The Fiber Splice-Engineering charge is applied per project and covers the engineering costs for fiber cable splicing projects.

Fiber Cable Splice. The Fiber Splice charge is applied per fiber cable spliced and recovers the labor cost associated with the splicing.

DC Power. Applied per 40 load amps for each caged, cageless, and virtual collocation application and DC Power augments to existing arrangements. This charge recover Frontier's engineering and installation costs for pulling and terminating DC power cables to the collocation area.

Cable Material Charges. {{ACNA}} has the option of providing its own cable or Frontier may, at {{ACNA}}'s request, provide the necessary transmission and power cables for Caged, Cageless and Virtual collocation arrangements. If Frontier provides these cables, the applicable Cable Material Charge will be charged.

Virtual Equipment Engineering & Installation. Applied on a per quarter rack basis and recovers the costs incurred by Frontier for engineering and installation of the virtual collocation equipment. This charge would apply to the installation of powered equipment including, but not limited to, ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the installation of splitters.

Virtual Software Upgrade. Applied per base unit when Frontier, upon {{ACNA}}’s request, installs software to upgrade equipment for an existing Virtual Collocation arrangement.

Virtual Card Installation. Applied per card when Frontier, upon {{ACNA}}’s request, installs additional cards for an existing Virtual Collocation arrangement.

Virtual Engineering – New. Applies for each initial Virtual collocation request. This charge recovers the costs of the initial walkthrough to determine if there is sufficient collocation space, the best location for the collocation area, what building modifications are necessary to provide collocation, and if sufficient DC power facilities exist in the premises to accommodate the request. This fee also includes the total time for the Building Services Engineer and the time for the Outside Plant and Central Office Engineers to attend status meetings.

BITS Timing. The non-recurring charge for BITS Timing includes engineering, material, and labor costs to wire a BITS port to {{ACNA}}'s equipment. If requested, it is applied on a per project basis.

**Miscellaneous Non-Recurring Charges**

Collocation Space Report. When requested by {{ACNA}}, Frontier will submit a report that indicates Frontier's available collocation space in a particular premise. The report will be issued within ten calendar days of the request. The report will specify the amount of collocation space available at each requested premise, the number of collocators, and any modifications in the use of the space since the last report. The report will also include measures that Frontier is taking to make additional space available for collocation. The fee is applied per central office or premise requested.

Miscellaneous Services Labor. Additional labor, if required, by Frontier to complete a collocation request, disconnect collocation power cables, remove collocation equipment or perform inventory services for {{ACNA}}.

**Non-Recurring Charges for Adjacent Collocation**

Adjacent - Engineering Fee - Onsite. The Adjacent Engineering Fee provides for the initial activities of the Central Office Equipment Engineer, Land & Building Engineer and the Outside Plant Engineer associated with determining the capabilities of providing Adjacent On-Site collocation. The labor charges are for an on-site visit, preliminary investigation of the manhole/conduit systems, wire center and property, and contacting other agencies that could impact the provisioning of adjacent collocation.

Adjacent Facility Pull – Engineering. Applies on a per project basis and recovers the engineering cost of provisioning cable facilities from the cable vault, out of the central office, and into the adjacent carrier structure.

Adjacent Facility Pull-Labor. Applies per linear foot and recovers the labor costs of pulling transmission cable for Adjacent On-site collocation arrangements.

Adjacent Cable Termination. Applies per cable and recovers the labor cost terminating or disconnecting transmission cable for Adjacent On-site collocation arrangements.

Adjacent Fiber Cable Pull – Engineering. Applies per project and provides for engineering associated

with pulling {{ACNA}}'s fiber entrance cable to an adjacent collocation arrangement.

Adjacent Fiber Cable Pull – Place Innerduct. Applies per linear foot of innerduct placed. Recovers the cost for placing innerduct, if required for adjacent collocation arrangements.

Adjacent Fiber Cable Pull – Labor. Applies per linear foot of {{ACNA}} fiber entrance cable pulled. Recovers the labor costs for pulling {{ACNA}} fiber entrance cable for an adjacent collocation arrangement.

Adjacent – Cable Fire Retardant. Applies per occurrence and is associated with the filling of space around cables extending through walls and between floors with a non-flammable material to prevent fire from spreading from one room or floor to another.

Adjacent Metallic Cable Pull – Engineering. Applies on a per project basis and recovers the engineering cost associated with pulling metallic transmission cable for Adjacent On-site collocation arrangements.

Adjacent Metallic Cable Pull – Labor. Applies per linear foot and recovers the labor costs of pulling metallic cable for Adjacent collocation into the Company wire center.

Adjacent Metallic Cable Splice – Engineering. Applies per project and recovers the engineering costs associated with splicing metallic cable for Adjacent collocation.

Adjacent Metallic Cable Splicing. Applies per cable pair spliced and recovers the labor cost of splicing metallic cable for Adjacent Collocation.

Adjacent Fiber Cable Splicing – Engineering. Applies per project and recovers the engineering costs associated with splicing fiber cable for Adjacent collocation.

Adjacent Fiber Cable Splicing. Applies per fiber spliced and recovers the labor cost of splicing fiber cable for Adjacent Collocation. Two rates may apply, one for 48 fiber cable or less and one for greater than 48 fiber.

**Monthly Recurring Charges for Caged, Cageless, and Virtual Collocation**

Building Modification. The Building Modification monthly charge is applied to each Caged and Cageless arrangement and is associated with provisioning the following items in Frontier’s premises: dust partition, ventilation ducts, demolition/site work, lighting, outlets, and grounding equipment.

Building Security per Square Foot. Applied per square foot of Caged or Cageless collocation space occupied and recovers Frontier’s security costs for the collocation arrangement.

Environmental Conditioning. The Environmental Conditioning charge is applied to each Caged, Cageless, and Virtual arrangement on a per 40 load amps increment based on {{ACNA}}'s DC Power requirements. This charge is associated with the provisioning of heating, ventilation, and air conditioning systems for {{ACNA}}'s equipment in Frontier's premises.

Caged Floor Space. Caged Floor Space is the cost per square foot of space occupied to provide environmentally conditioned caged floor space to {{ACNA}}. Environmentally conditioned space is that which has proper humidification and temperature controls to house telecommunications equipment. The cost includes only that which relates directly to the land and building space itself.

Relay Rack Floor Space. The Relay Rack Floor Space charge provides for the environmentally conditioned floor space that a relay rack occupies based on linear feet. The standardized relay rack floor space depth is based on half the aisle area in front and back of the rack, and the depth of the equipment that will be placed within the rack.

Cabinet Floor Space. The Cabinet Floor Space charge provides for the environmentally conditioned floor space that a telecommunications equipment cabinet occupies based on linear feet. The standardized floor space depth is based on the size of the cabinet and half of the aisle in the front and rear of the cabinet. The cabinet size is based on the Company's standard cabinet size of 33 inches by 29 inches.

Cable Subduct Space-Manhole. This charge applies per project per month and covers the cost of the space that the outside plant fiber occupies within the manhole.

Cable Subduct Space. The Subduct Space charge covers the cost of the subduct space that the outside plant fiber occupies and applies on a per linear foot basis.

Fiber Cable Vault Splice - Material. The Fiber Cable Vault Splice-Material charge applies per splice and covers the material cost associated with {{ACNA}}'s fiber cable splice within Frontier's cable vault. Rates apply for 48 fiber and 96 fiber.

Fiber Cable Vault Splice. The Fiber Cable Vault Splice charge applies per subduct and covers the space cost associated with {{ACNA}}'s fiber cable splice within Frontier's cable vault. Rates apply for 48 fiber and 96 fiber.

Cable Rack Shared Space-Metallic. The Cable Space-Metallic charge is applied for each DS0, DS1 and DS3 cable run. The charge is designed to recover the space utilization cost that {{ACNA}}’s metallic and coaxial cable occupies within Frontier’s cable rack system.

Cable Rack Space-Fiber. The Cable Rack Space-Fiber charge recovers the space utilization cost that {{ACNA}}'s fiber cable occupies within Frontier's cable rack system.

DC Power. The DC Power monthly charge is applied on a per forty (40) load amp basis for each Caged, Cageless and Virtual collocation arrangement. This charge is designed to recover the monthly facility and utility expense to power the collocation equipment.

Facility Termination - Metallic. This charge is applied per metallic cable terminated. This charge is designed to recover the labor and material costs of the applicable main distribution frame 100 pair circuit block, or DSX facility termination panel.

BITS Timing. The BITS Timing monthly charge is designed to recover equipment and installation cost to provide synchronized timing for electronic communications equipment. This rate is based on a per port cost.

Facility Termination – Optical. This charge is applied per fiber cable connector. This charge is designed to recover the labor and material costs of the applicable fiber distribution panel.

Fiber Optic Duct Space. The Fiber Optic Duct Space rate element is applied per occurence (i.e. per arrangement) and recovers the cost for the central office duct space occupied by the fiber optic patchcord cable.

Virtual Equipment Maintenance. The Virtual Equipment Maintenance charge is applied on a per quarter rack (or quarter bay) basis and recovers the costs incurred by the Company for maintenance of {{ACNA}}’s virtual collocation equipment. This charge would apply to the maintenance of equipment including, but not limited to, ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the maintenance of splitters.

**Monthly Recurring Charges for Adjacent Collocation**

Adjacent Subduct Space – Manhole. Applies on a per project basis and recovers the space utilization cost that the outside plant fiber or metallic cable occupies within the manhole.

Adjacent Subduct Space. Applies on a per linear foot basis and recovers the space utilization cost that the outside plant fiber or metallic cable occupies within the subduct system.

Adjacent Conduit Space – Metallic - Manhole. Applies per conduit and recovers the conduit space utilization cost that the outside plant metallic cable occupies within the manhole.

Adjacent Conduit Space – Metallic Cable. Applies per linear foot and recovers the space utilization cost that the outside plant metallic cable occupies within the conduit system.

Adjacent Facility Termination - Metallic. This charge is applied per metallic cable pair terminated and recovers the labor and material cost of the main distribution frame 100 pair circuit block and DSX facility termination panel.

Adjacent Cable Vault Splice – Material. Applies per splice depending on transmission cable type and recovers the material cost associated with a cable vault splice.

Adjacent Cable Vault Splice. Applies per subduct depending on transmission cable type and recovers the cost of the space {{ACNA}}'s cable splice occupies within the cable vault.

Adjacent Cable Rack Space. This charge covers the space utilization cost that {{ACNA}}'s fiber, metallic or coaxial cable occupies within the cable rack system. The charge is based on the linear feet occupied.

**Dedicated Transit Service Rates**

Dedicated Transit Service (DTS) Service Order Charge. Applied per DTS order to the requesting carrier for recovery of DTS order placement and issuance costs. The manual charge applies when the semi-mechanized ordering interface is not used.

Dedicated Transit Service (DTS) – Service Connection CO Wiring. Applied per DTS circuit to the requesting carrier for recovery of DTS jumper material, wiring, service turn-up for DS0, DS1, DS3, and dark fiber circuits.

Dedicated Transit Service (DTS) – Service Connection Provisioning. Applied per DTS order to the requesting carrier for recovery of circuit design and labor costs associated with the provisioning of DS0, DS1, DS3, and dark fiber circuits for DTS.

**Microwave Collocation Rates**

Microwave Augment Fee. Applies when an existing Caged and Cageless collocation arrangement is augmented with newly installed microwave antennae and other exterior facilities. This charge recovers the costs of the initial walkthrough to determine if there is sufficient space, the best location for the microwave antennae and other exterior facilities, what building modifications are necessary, if any, and if sufficient support facilities exist in the premises to accommodate the microwave antennae and other exterior facilities. This fee also includes the total time for the Building Services Engineer to coordinate the entire project.

Microwave Facility Pull – Engineering. Applies per project to recover the engineering costs of pulling transmission cable from microwave antennae facilities on the rooftop to the collocation cage or relay rack.

Microwave Facility Pull - Labor. Applies per linear foot and recovers the labor cost of pulling transmission cable from the microwave antennae and other exterior facilities on the rooftop to the transmission equipment in the collocation cage or relay rack.

Building Penetration for Microwave Cable. The reasonable costs to penetrate buildings for microwave cable to connect microwave antennae facilities and other exterior facilities to the transmission equipment in the collocation cage or relay rack will be determined and applied on an individual case basis, where technically feasible, as determined by the initial and subsequent Engineering surveys.

Special Work for Microwave. The costs incurred by Frontier for installation of {{ACNA}}'s microwave antennae and other exterior facilities that are not recovered via other microwave rate elements will be determined and applied on an individual case basis.

Microwave Rooftop Space. Cost per square foot to provide rooftop space to {{ACNA}} for microwave antennae and other exterior facilities. The cost includes only that which relates directly to the land and building space itself.

**Non-Recurring Charges**

The following are non-recurring charges (one-time charges) that apply for specific work activity:

Engineering/Major Augment Fee. The Engineering/Major Augment Fee applies for each initial Caged, Cageless, Virtual, or Microwave collocation request and major augment requests for existing Caged, Cageless, and Virtual collocation arrangements. This charge recovers the costs of the initial walkthrough to determine if there is sufficient collocation space, the best location for the collocation area, what building modifications are necessary to provide collocation, and if sufficient DC power facilities exist in the premises to accommodate collocation. This fee also includes the total time for the Building Services Engineer and the time for the Outside Plant and Central Office Engineers to attend status meetings.

Engineering/Major Augment Fee (Microwave Only). The Engineering/Major Augment Fee for Microwave Collocation applies when an existing Caged and Cageless collocation arrangement is augmented with newly installed microwave antennae and other exterior facilities. This charge recovers the costs of the initial walkthrough to determine if there is sufficient space, the best location for the microwave antennae and other exterior facilities, what building modifications are necessary, if any, and if sufficient support facilities exist in the premises to accommodate the microwave antennae and other exterior facilities. This fee also includes the total time for the Building Services Engineer to coordinate the entire project.

Minor Augment Fee. The Minor Augment Fee applies for each minor augment request of an Existing Caged, Cageless, Virtual, or Microwave collocation arrangement that does not require additional AC or DC power systems, HVAC system upgrades, or additional cage space. Minor augments are those requests that require the Company to perform a service or function on behalf of the CLEC including, but not limited to: installation of Virtual equipment cards or software upgrades, removal of Virtual equipment, requests to pull cable from exterior microwave facilities, and requests to terminate DS0, DS1 and DS3 cables.

Access Card Administration. The Access Card Administration rate covers activities associated with the issuance and management of premises access cards. The rate is applied on a per card basis.

Cage Grounding Bar. The Cage Grounding Bar rate recovers the material and labor costs to provision a ground bar, including necessary ground wire, in the collocator’s cage.

BITS Timing. The non-recurring charge for BITS Timing includes engineering, materials, and labor costs to wire a BITS port to the CLEC's equipment. If requested, it is applied on a per project basis.

Overhead Superstructure. The Overhead Superstructure charge is applied for each initial caged and cageless collocation application. The Overhead Superstructure charge is designed to recover Frontier’s engineering, material, and installation costs for extending dedicated overhead superstructure.

Facility Cable or Fiber Optic Patchcord Pull/Termination-Engineering. The Facility Cable or Fiber Optic Patchcord Pull/Termination-Engineering charge is applied per project to recover the engineering costs of pulling and terminating the interconnection wire (cable or fiber patchcord) from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel, or fiber distribution panel. The charge would also apply per project to recover the engineering costs of pulling transmission cable from microwave antennae facilities on the rooftop to the collocation cage or relay rack.

Facility Pull. The Facility Pull charge is applied per cable run and recovers the labor cost of pulling metallic cable or fiber optic patchcord from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel, or fiber distribution panel.

Cable Termination. The Cable Termination charge is applied per cable or fiber optic patchcord terminated and is designed to recover the labor cost of terminating or disconnecting transmission cable or fiber optic patchcord from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel, or fiber distribution panel.

Fiber Cable Pull-Engineering. The Fiber Cable Pull-Engineering charge is applied per project to cover the engineering costs for pulling the CLEC's fiber cable, when necessary, into Frontier's central office.

Fiber Cable Pull-Place Innerduct The Fiber Cable Pull-Place Innerduct charge is applied per linear foot to cover the cost of placing innerduct. Innerduct is the split plastic duct placed from the cable vault to the CLEC's equipment area through which the CLEC's fiber cable is pulled.

Fiber Cable Pull-Labor. This charge is applied per linear foot and covers the labor costs of pulling the CLEC's fiber cable into Frontier's central office.

Fiber Cable Pull-Fire Retardant. This charge is associated with the filling of space around cables extending through walls and between floors with a non-flammable material to prevent fire from spreading from one room or floor to another.

Fiber Optic Patchcord Termination. The Fiber Optic Patchcord Termination is applied per fiber cable termination and recovers the labor cost to terminate the fiber optic patchcord cable.

Fiber Splice-Engineering. The Fiber Splice-Engineering charge is applied per project and covers the engineering costs for fiber cable splicing projects.

Fiber Splice. The Fiber Splice charge is applied per fiber cable spliced and recovers the labor cost associated with the splicing.

DC Power. Non-recurring charges for DC Power are applied for each caged, cageless, and virtual collocation application and major DC Power augments to existing arrangements. These charges recover Frontier's engineering and installation costs for pulling and terminating DC power cables to the collocation area. For initial applications, each DC Power feed will require two (2) cables.

Cable Material Charges. The CLEC has the option of providing its own cable or Frontier may, at the CLEC's request, provide the necessary transmission and power cables for caged, cageless, and virtual collocation arrangements. If Frontier provides these cables, the applicable Cable Material Charge will be charged.

Adjacent Engineering Fee. The Adjacent Engineering Fee provides for the initial activities of the Central Office Equipment Engineer, Land & Building Engineer and the Outside Plant Engineer associated with determining the capabilities of providing Adjacent On-Site collocation. The labor charges are for an on-site visit, preliminary investigation of the manhole/conduit systems, wire center and property, and contacting other agencies that could impact the provisioning of adjacent collocation.

Adjacent Facility Pull-Labor. This charge covers the labor of running the interconnection wire (cable) from the main distribution frame connector to a termination block or DSX panel.

Adjacent Fiber Cable Termination. This charge covers the labor of terminating fiber cable for adjacent collocation to the main distribution frame block or DSX panel.

Collocation Space Report. When requested by a CLEC, Frontier will submit a report that indicates Frontier's available collocation space in a particular premise. The report will be issued within ten calendar days of the request. The report will specify the amount of collocation space available at each requested premise, the number of collocators, and any modifications in the use of the space since the last report. The report will also include measures that Frontier is taking to make additional space available for collocation.

Miscellaneous Services Labor. Additional labor, if required, by Frontier to complete a collocation request, disconnect collocation power cables, remove collocation equipments, or perform inventory services for CLECs.

Facility Pull (Microwave Only). The Facility Pull charge is applied per linear foot and recovers the labor cost of pulling transmission cable from the microwave antennae and other exterior facilities on the rooftop to the transmission equipment in the collocation cage or relay rack.

Building Penetration for Microwave Cable. The reasonable costs to penetrate buildings for microwave cable to connect microwave antennae facilities and other exterior facilities to the transmission equipment in the collocation cage or relay rack will be determined and applied on an individual case basis, where technically feasible, as determined by the initial and subsequent Engineering surveys.

Special Work for Microwave. The costs incurred by Frontier for installation of CLEC's microwave antennae and other exterior facilities that are not recovered via other microwave rate elements will be determined and applied on an individual case basis.

Virtual Equipment Installation. The Virtual Equipment Installation charge is applied on a per quarter rack (or quarter bay) basis and recovers the costs incurred by Frontier for engineering and installation of the virtual collocation equipment. This charge would apply to the installation of powered equipment including, but not limited to, ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the installation of splitters.

Virtual Software Upgrade. The Virtual Software Upgrade charge is applied per base unit when Frontier, upon CLEC request, installs software to upgrade equipment for an existing Virtual Collocation arrangement.

Virtual Card Installation. The Virtual Card Installation charge is applied per card when Frontier, upon CLEC request, installs additional cards for an existing Virtual Collocation arrangement.

Dedicated Transit Service (DTS) Service Order Charge. Applied per DTS order to the requesting CLEC for recovery of DTS order placement and issuance costs. The manual charge applies when the semi-mechanized ordering interface is not used.

Dedicated Transit Service (DTS) – Service Connection CO Wiring. Applied per DTS circuit to the requesting CLEC for recovery of DTS jumper material, wiring, service turn-up for DS0, DS1, DS3, and dark fiber circuits.

Dedicated Transit Service (DTS) – Service Connection Provisioning. Applied per DTS order to the request CLEC for recovery of circuit design and labor costs associated with the provisioning of DS0, DS1, DS3, and dark fiber circuits for DTS.

**Monthly Recurring Charges**

The following are monthly charges. Monthly charges apply each month or fraction thereof that Collocation Service is provided.

Caged Floor Space. Caged Floor Space is the cost per square foot to provide environmentally conditioned caged floor space to the CLEC. Environmentally conditioned space is that which has proper humidification and temperature controls to house telecommunications equipment. The cost includes only that which relates directly to the land and building space itself.

Relay Rack Floor Space. The Relay Rack Floor Space charge provides for the environmentally conditioned floor space that a relay rack occupies based on linear feet. The standardized relay rack floor space depth is based on half the aisle area in front and back of the rack, and the depth of the equipment that will be placed within the rack.

Cable Subduct Space-Manhole. This charge applies per project per month and covers the cost of the space that the outside plant fiber occupies within the manhole.

Cable Subduct Space. The Subduct Space charge covers the cost of the subduct space that the outside plant fiber occupies and applies on a per linear foot basis.

Fiber Cable Vault Splice. The Fiber Cable Vault Splice charge applies per splice and covers the space and material cost associated with the CLEC's fiber cable splice within Frontier's cable vault.

Cable Rack Space-Metallic. The Cable Space-Metallic charge is applied for each DS0, DS1 and DS3 cable run. The charge is designed to recover the space utilization cost that the CLEC’s metallic and coaxial cable occupies within Frontier.

Cable Rack Space-Fiber. The Cable Rack Space-Fiber charge recovers the space utilization cost that the CLEC's fiber cable occupies within Frontier's cable rack system.

Fiber Optic Patchcord Duct Space. The Fiber Optic Duct Space rate element is applied per cable run and recovers the cost for the central office duct space occupied by the fiber optic patchcord cable.

DC Power. The DC Power monthly charge is applied on a per load amp basis with a 10 amp minimum for each caged, cageless, and virtual collocation arrangement. This charge is designed to recover the monthly facility and utility expense to power the collocation equipment.

Facility Termination. This charge is applied per cable terminated. This charge is designed to recover the labor and material costs of the applicable main distribution frame 100 pair circuit block, DSX facility termination panel, or fiber distribution panel.

BITS Timing. The BITS Timing monthly charge is designed to recover equipment and installation cost to provide synchronized timing for electronic communications equipment. This rate is based on a per port cost.

Building Modification. The Building Modification monthly charge is applied to each caged and cageless arrangement and is associated with provisioning the following items in Frontier’s premises: security, dust partition, ventilation ducts, demolition/site work, lighting, outlets, and grounding equipment.

Environmental Conditioning. The Environmental Conditioning charge is applied to each caged, cageless, and virtual arrangement on a per load amp increment (10 amp minimum) based on the CLEC's DC Power requirements. This charge is associated with the provisioning of heating, ventilation, and air conditioning systems for the CLEC's equipment in Frontier's premises.

Adjacent Cable Vault Space. The Adjacent Cable Vault Space charge covers the cost of the space the CLEC's cable occupies within the cable vault. The charge is based on the diameter of the cable or subduct.

Adjacent Cable Rack Space. This charge covers the space utilization cost that the CLEC's fiber, metallic or coaxial cable occupies within the cable rack system. The charge is based on the linear feet occupied.

Microwave Rooftop Space. Microwave Rooftop Space is the cost per square foot to provide rooftop space to the CLEC for microwave antennae and other exterior facilities. The cost includes only that which relates directly to the land and building space itself.

Virtual Equipment Maintenance. The Virtual Equipment Maintenance charge is applied on a per quarter rack (or quarter bay) basis and recovers the costs incurred by the Company for maintenance of the CLEC’s virtual collocation equipment. This charge would apply to the maintenance of equipment including, but not limited to, ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the maintenance of splitters.

1. This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Frontier does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like that Frontier is not required to provide under Section 251 of the Act). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Frontier to provide a service, facility, arrangement or the like that the Agreement does not require Frontier to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

   All rates and charges set forth in this Appendix shall apply until such time as they are replaced by new rates and/or charges as the Commission or the FCC may approve or allow to go into effect from time to time, subject however, to any stay or other order issued by any court of competent jurisdiction.

   Unless a citation is provided to a generally applicable Frontier tariff, all listed rates and services are available only to Carrier when purchasing these services for use in the provision of Telephone Exchange Service and apply only to Reciprocal Compensation Traffic and local Ancillary Traffic. Frontier rates and services for use by Carrier in the carriage of Toll Traffic shall be subject to Frontier’s tariffs for Exchange Access service. Adherence to these limitations is subject to a reasonable periodic audit by Frontier. [↑](#footnote-ref-1)
2. All rates and charges specified herein are pertaining to the Interconnection Attachment. [↑](#footnote-ref-2)
3. NC Commission Order dated 3/6/2002: Docket P100, Sub 133d.

   For the avoidance of any doubt, in addition to any rates and charges set forth herein, effective as of March 11, 2005, CLEC shall pay any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise; in addition, as set forth in Industry Notices, access tariff rates and/or other applicable non-UNE rates for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof. [↑](#footnote-ref-3)
4. NC Commission Order dated 3/6/2002: Docket P100, Sub 133d.

   These rates do not include charges for usage or vertical features. [↑](#footnote-ref-4)
5. Rates for the individual line splitting components are contained in existing terms for Unbundled Network Elements and Collocation. [↑](#footnote-ref-5)
6. This Pricing Attachment incorporates by reference the rates set forth in the Agreement for the services and charges referenced herein. In the event this Pricing Attachment refers to a service that is not available under the Agreement, the Agreement shall control. Nothing in this Appendix A shall be deemed to require Frontier to provide a service that the Agreement does not require Frontier to provide. [↑](#footnote-ref-6)
7. These charges are interim and subject to retroactive true-up back to the Effective Date of this Agreement. [↑](#footnote-ref-7)
8. A Line and Station Transfer (LST) Charge applies when Frontier arranges or rearranges an individual circuit at a terminal or cross-connect box to free up a pair or suitable facility at the required service location; examples include an arrangement of copper to DLC, the rearrangement of IDLC to copper and the rearrangement of IDLC to UDLC. [↑](#footnote-ref-8)
9. * Commission approved rates per NCUC Order dated Mar. 26, 2004 in Docket P100 sub 133d.

   This Appendix may contain rates and charges for (and/or reference) services, facilities, arrangements and the like that Frontier does not have an obligation to provide under the Agreement (*e.g*., services, facilities, arrangements and the like for which an unbundling requirement does not exist under 47 U.S.C. Section 251(c)(3)). Notwithstanding any such rates and/or charges (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Frontier to provide a service, facility, arrangement or the like that the Agreement does not require Frontier to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement. [↑](#footnote-ref-9)
10. Engineering Query Charges apply in addition to charges for actual network modification and Engineering Work Order charges where applicable. [↑](#footnote-ref-10)
11. Engineering Work Order Charges apply in addition to charges for actual network modification and Engineering Query charges where applicable. [↑](#footnote-ref-11)
12. Expedite Charges apply in addition to other listed rates. [↑](#footnote-ref-12)