
ACCESS SERVICE

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Title Page 1 and Pages 1 to 20-225 inclusive of this tariff, including Supplements Nos. 1 and 2, are effective as of the date shown. Original and revised pages, as named below are in effect on the date indicated.

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7. Special Access Service**

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7.1 General

Special Access provides a transmission path to connect customer designated premises * for Interstate Telecommunications within the operating territories of the Telephone Company. Special Access provided to a customer may be connected directly to customer facilities, through Telephone Company Hub Wire Centers where bridging or multiplexing functions are performed, and/or may be connected to access facilities of another telephone company or companies in the joint provision of Special Access Service as well as may be connected to Switched Access as set forth in Section 6. Special Access Services may also be connected to a customer's transmission equipment and facilities using a DS1 or DS3 Cross Connect arrangement where the customer is provided Expanded Interconnection Service (EIS) as defined in Section 16.

The provision of Switched Access and Special Access in combination is normally for, but not limited to, the use of WATS or WATS-type Access. When Special Access is connected to Switched Access, the terms, conditions and rates for the facilities between the end user's customer designated premises and the WATS Serving Office are as set forth in this section of the tariff; the terms, conditions and rates for the facilities between the WATS Serving Office and the IC's customer designated premises, as well as the switching functionalities (e.g., end user access codes, screening) are as set forth in Section 6 of this tariff.

Special Access can be provided in either analog or digital format. Analog formats are differentiated by spectrum and bandwidth. Digital formats are differentiated by bit rate. The specific types of Special Access (e.g., Voiceband, Digital Data Service) provided are described in 7.2 following.

Certain Special Access Services listed in this section of the tariff may not be currently offered in all Telephone Company locations but may be provided upon customer request, on an individual case basis, if facilities can be made available with reasonable effort. The Telephone Company will work cooperatively with the Customer to provide the service on a timely basis.

* Telephone Company Centrex CO-like switches are considered to be CDPs for the purpose of this tariff.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)9.2 Additional Labor

Additional labor is that labor requested by the customer on a given service and agreed to by the Telephone Company. The Telephone Company will notify the customer that additional labor charges will apply before any additional labor is undertaken. Additional labor charges apply to the services described in 9.2.1 through 9.2.6.

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Normally scheduled working hours are an employee's scheduled work period on any given business day which totals eight (8) hours.

9.2.1 Overtime Installation

Overtime installation is that Telephone Company installation effort outside of normally scheduled working hours.

9.2.2 Overtime Repair

Overtime repair is that Telephone Company maintenance effort performed outside of normally scheduled working hours, but on a normally scheduled workday. Premium time is Telephone Company installation or maintenance effort outside a normally scheduled workday.

9.2.3 Stand By

Stand by includes all time in excess of one-half (1/2) hour during which Telephone Company personnel stand by to make installation acceptance tests or cooperative tests with a customer.

9.2.4 Testing and Maintenance with Other Telephone Companies

Additional labor charges apply for additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies. This is in addition to the normal effort required to test, maintain or repair facilities provided solely by the Telephone Company.

9.2.5 Testing Services

Testing services other than those described in other parts of this tariff will be provided at the hourly rates described if requested by the customer. Testing will be provided subject to the availability of equipment and qualified personnel.

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10. Competitive and Non-Competitive Counties for Special Access

10.1 General

Certain Special Access rates and charges are applied based on whether the End User Channel Termination is served from a "Competitive County" or "Non-Competitive County." Competitive Counties and Non-Competitive Counties are defined in Section 2.6, and the wire centers within Non-Competitive counties are listed in Section 10.2 below. These Non-Competitive counties remain under Price Cap Regulation.

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In wire centers within a Competitive County, monthly rates and nonrecurring charges for Special Access rate elements are subject to the "Competitive County Rate" which can be found in the Interstate Service Guide and Pricelist. In wire centers within a Non-Competitive County, monthly rates and nonrecurring charges for Special Access rate elements are subject to the "Non-Competitive County Rate" to the extent it is specified.

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For Interexchange Carrier Point of Presence Channel Terminations, Channel Mileage and Optional Features and Functions, including Multiplexing, the "Competitive County Rate," if specified, applies regardless of whether the county is Competitive or Non-Competitive.

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10.2 Competitive and Non-Competitive County Lists*

10.2.1 Rate Group 1

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(A) Reserved for future use

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* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

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10.2.1 Rate Group 1 (Cont'd)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

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10.2.1 Rate Group 1 (Cont'd)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

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10.2.1 Rate Group 1 (Cont'd)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

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10.2.1 Rate Group 1 (Cont'd)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.1 Rate Group 1 (Cont'd)

(A) Reserved for future use (Cont'd)

(D)

(D)

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(N)
(N)
(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.1 Rate Group 1 (Cont'd)

(A) Reserved for future use (Cont'd)

(D)

(D)

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(N)
(N)
(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd) (T)

10.2.1 Rate Group 1 (Cont'd)

(A) Reserved for future use: (Cont'd) (D)

(B) The following wire centers in Rate Group 1 are in Non-Competitive Counties:

State	County	Wire Center
AZ	Apache	ALPIAZXC
AZ	Apache	GRERAZXC
AZ	Apache	HLLKAZXC
AZ	Apache	MCNRAZXC
AZ	Apache	SPVLAZXC
AZ	Apache	STJHAZXB
AZ	Mohave	BLCYAZXE
AZ	Mohave	BLCYAZXC
AZ	Mohave	DLSPA ZXC
AZ	Mohave	GLVYAZXC
AZ	Mohave	KGMNAZXC
AZ	Mohave	KGMNAZXE
AZ	Mohave	LHCYAZXC
AZ	Mohave	CSRKAZXC
AZ	Mohave	MDVWAZXC
AZ	Mohave	MHVYAZXC
AZ	Mohave	TXTNAZAB
AZ	Mohave	WIKPAZXC
AZ	Mohave	YUCCAZXC

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations (N)
 for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for (N)
 detariffed services can be found in the Interstate Service Guide and Pricelist. (N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.1 Rate Group 1 (Cont'd)(B) The following wire centers in Rate Group 1 are in Non-Competitive Counties:
(Cont'd)

AZ	Navajo	CIBCAZXC
AZ	Navajo	HEBRAZXC
AZ	Navajo	HLBKAZXC
AZ	Navajo	LKSDAZAE
AZ	Navajo	PNDLAZXC
AZ	Navajo	PNTPAZXA
AZ	Navajo	PNTPAZXC
AZ	Navajo	SHLWAZXC
AZ	Navajo	SNWFAZXC
AZ	Navajo	WHRVAZXB

CA	Humboldt	FNDLCAXF
CA	Humboldt	PTRLCAXF
CA	Lassen	BIBRCAXF
CA	Lassen	EGLKCAXF
CA	Lassen	HRLNCAXF
CA	Lassen	JNVLCAXF
CA	Lassen	LKARCAAB
CA	Lassen	RADLCAXF
CA	Lassen	STNDCAAA
CA	Lassen	SSVLCAXF
CA	Modoc	ADINCAXF
CA	Modoc	ALTRCAXF
CA	Modoc	CDVLCAXF
CA	Plumas	CHTRCAXF
CA	Plumas	GNVLCAXF
CA	Plumas	KEDDCAXF

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(N)
(N)
(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.1 Rate Group 1 (Cont'd)

(B) The following wire centers in Rate Group 1 are in Non-Competitive Counties:
 (Cont'd)

ID	Adams	NWMDIDXC
ID	Bingham	ABRDIDXC
ID	Bingham	SPFDIDXC
ID	Blaine	CARYIDXC
ID	Boise	GRVYIDXC
ID	Boise	HRBNIDXC
ID	Camas	FRFDIDXC
ID	Gem	SWETIDXC
ID	Owyhee	HMDLIDXC
ID	Owyhee	MRNGIDXC
ID	Valley	CSCDIDXC
ID	Valley	DNLYIDXC
ID	Valley	MCCLIDXC
NY	Hamilton	BMLKNYXA
NY	Hamilton	INLKNYXA
NY	Hamilton	LKPLNYXA
NY	Hamilton	LLKHNYXA
NY	Hamilton	RQLKNYXA
NY	Hamilton	WLLSNYXA
TN	White	SPRTTNXA
UT	Box Elder	BRCYUTXC
UT	Box Elder	FDNGUTXC
UT	Box Elder	HOWLUTXC
UT	Box Elder	PRTGUTXC
UT	Box Elder	SNVLUTXC
UT	Box Elder	THTCUTXC
UT	Box Elder	TRMNUTXC

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(N)
 (N)
 (N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.1 Rate Group 1 (Cont'd)

(B) The following wire centers in Rate Group 1 are in Non-Competitive Counties:
 (Cont'd)

UT	Grand	MOABUTXC
UT	Grand	THSNUTXC
UT	San Juan	BLNGUTXC
UT	San Juan	BLNGUTXE
UT	San Juan	BLFFUTXC
UT	San Juan	LASLUTXC
UT	San Juan	LKPLUTXC
UT	San Juan	MXHTUTXC
UT	San Juan	MNTIUTXC
WI	Taylor	RBLKWIXA
WV	Clay	CLAYWVXA
WV	Clay	IVDLWVXA
WV	Clay	WIDNWVXA
WV	Grant	MYVLWVXA
WV	Grant	PTBGWVXA
WV	Hampshire	AGSTWVXA
WV	Hampshire	CPBRWVXA
WV	Hampshire	LVLSWVXA
WV	Hampshire	RMNYWVXA
WV	Hardy	MRFDWVXA
WV	Hardy	WRVLWVXA
WV	Jefferson	CHTWVWXA
WV	Jefferson	HRFYWVXA
WV	Jefferson	SHPHWVXA
WV	Lincoln	BRLDWVXA

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(N)
 (N)
 (N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.1 Rate Group 1 (Cont'd)

(B) The following wire centers in Rate Group 1 are in Non-Competitive Counties:
 (Cont'd)

WV	McDowell	ANWLWVXA
WV	McDowell	CLWDWVXA
WV	McDowell	DAVYWVXA
WV	McDowell	GARYWVXA
WV	McDowell	KMBLWVXA
WV	McDowell	MYBRWVXA
WV	McDowell	NRFKWVXA
WV	McDowell	WLCHWVXA
WV	Mineral	BURLWVXA
WV	Mineral	FTASWVXA
WV	Morgan	PWPWWVXA
WV	Taylor	FMTNWVXA
WV	Tucker	CNVYWVXA
WV	Tucker	DAVSWVXA
WV	Tucker	PRSSWVXA

10.2.2 Rate Group 2

(A) Reserved for future use:

(D)

(D)

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(N)

(N)

(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.2 Rate Group 2 (Cont'd)

(A) Reserved for future use: (Cont'd)

(D)

(D)

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(N)
(N)
(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.2 Rate Group 2 (Cont'd)

(B) The following wire centers in Rate Group 2 are in Non-Competitive Counties:

(D)

AZ	Apache	CHNLAZXC
AZ	Apache	DNHSAZXC
AZ	Apache	FTDFAZXC
AZ	Apache	GANDAZXC
AZ	Apache	GSWDAZXC
AZ	Apache	LCHEAZXC
AZ	Apache	LKCHAZXC
AZ	Apache	MNFRAZXC
AZ	Apache	RDVYAZXC
AZ	Apache	RKPNAZXC
AZ	Apache	RHRKAZXC
AZ	Apache	STMCAZXE
AZ	Apache	TNPSAZXR
AZ	Apache	TOYIAZXC
AZ	Apache	TSILAZXC
AZ	Apache	WDRNAZXC
AZ	Navajo	BLMSAZXF
AZ	Navajo	DLKNAZXC
AZ	Navajo	KYNTAZXC
AZ	Navajo	PINNAZXC
AZ	Navajo	SHNTAZXC
CA	Colusa	ARBCCAXF
CA	Colusa	COLSCAXF
CA	Colusa	GRMSCAXF
CA	Colusa	MXWLCAXF
CA	Colusa	PRTNCAXF
CA	Colusa	WLMSCAXF
CA	Lassen	LKARCAXF
CA	Lassen	WSWDCAXF

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(N)
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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.2 Rate Group 2 (Cont'd)

(B) The following wire centers in Rate Group 2 are in Non-Competitive Counties:
 (Cont'd)

NM	Apache	PBPONMXC
NM	Apache	TWLKNMXC
NM	McKinley	CRPNNMXC
NM	McKinley	NSCHNMXC
NM	McKinley	NAVJNMXC
NM	McKinley	THTCNMXC
NM	McKinley	TBNTNMXC
NM	San Juan	NWCMNMXC
NM	San Juan	SANSNMXC
NM	San Juan	SHRKNMXC
NM	San Juan	TDLNNMXC
NV	Elko	CRLNNVXF
NV	Elko	ELKONVXF
NV	Elko	JGGSNVXF
NV	Elko	MTLLNVXF
NV	Elko	RBVYNVXG
NV	Elko	WLLSNVXF
NV	Elko	WNDVNVXC
NV	Esmeralda	GLFDNVXF
NV	Esmeralda	SLVPNVXF
NV	Nye	MNHTNVXF
NV	Nye	TNPHNVXB
UT	San Juan	HLCHUTXC
UT	San Juan	MNCKUTXC
UT	San Juan	MNVYUTXC

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(N)
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(N)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.2 Rate Group 2 (Cont'd)

(B) The following wire centers in Rate Group 2 are in Non-Competitive Counties:
 (Cont'd)

WV	Lewis	WLVLWVXA
WV	Marshall	CMRNWVXA
WV	Pocahontas	ARVAWVXA
WV	Pocahontas	HLBOWVXA
WV	Pocahontas	MRTNWVXA
WV	Pocahontas	SWSHWVXA
WV	Tyler	PNGVWVXA
WV	Webster	COWNWVXA
WV	Webster	HCVYWVXA
WV	Webster	WBSPWVXA

10.2.3 Rate Group 3

(A) Reserved for future use:

(D)

(B) The following wire centers in Rate Group 3 are in Non-Competitive Counties:

None

(D)

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(N)

(N)

(N)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4

(A) Reserved for future use:

(D)

(D)

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(N)
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(N)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4 (Cont'd)

(A) Reserved for future use (Cont'd)

(D)

(D)

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(N)
(N)
(N)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4 (Cont'd)

(A) Reserved for future use: (Cont'd)

(D)

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(D)
(N)
(N)
(N)

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4 (Cont'd)

(A) Reserved for future use (Cont'd)

(D)

(D)

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(N)
(N)
(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

(T)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

10.2.4 Rate Group 4 (Cont'd)

(A) Reserved for future use: (Cont'd)

(D)

(D)

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(N)
(N)
(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4 (Cont'd)

(A) Reserved for future use: (Cont'd)

(D)

(D)

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4 (Cont'd)

(A) Reserved for future use: (Cont'd)

(D)

(B) The following wire centers in Rate Group 4 are in Non-Competitive Counties:

(D)

State	County	Wire Center
IL	Bureau	THMSILXA
IL	Calhoun	BTTWILXE
IL	Calhoun	BRSLILXE
IL	Calhoun	HBGCILXE
IL	Calhoun	HRDNILXE
IL	Calhoun	KMVLILAA
IL	Fayette	BRTWILXE
IL	Fayette	FARNILXE
IL	Fayette	PSBGILXE
IL	Fayette	RMSYILXE
IL	Fayette	STEMILXE
IL	Fayette	STPRILXE
IL	Fulton	LNMLILXD
IL	Hancock	BASCILXC
IL	Hancock	BOWNILXC
IL	Hancock	CRTHILXC
IL	Hancock	DLCYILXC
IL	Hancock	ELTNILXC
IL	Hancock	FRRSILXC
IL	Hancock	HMTNILXC
IL	Hancock	NAUVILXC
IL	Hancock	NIOTILXC
IL	Hancock	STTRILXC
IL	Hancock	WRSWILXC

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(N)

(N)

(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4 (Cont'd)

(B) The following wire centers in Rate Group 4 are in Non-Competitive Counties:
 (Cont'd)

IL	Macoupin	BNLDILXC
IL	Macoupin	BNHLILXE
IL	Macoupin	CRVLILXC
IL	Macoupin	CHFDILXE
IL	Macoupin	GLLSILXC
IL	Macoupin	HTTCILXE
IL	Macoupin	MEDRILXE
IL	Macoupin	MTOLILXC
IL	Mason	BATHILXD
IL	Mason	KLBRILXD
IL	Mason	MSCYILXC
IL	Montgomery	COFNILXC
IL	Montgomery	FLMRILXC
IL	Ogle	POLOILXA
IL	Perry	TAMRILXE
IL	Washington	ADVLILXE
IL	Washington	ASHYILXE
IL	Washington	DUBSILXE
IL	Washington	HYTNILXE
IL	Washington	IVTNILXE
IL	Washington	NWMDILXE

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(N)
(N)
(N)

ACCESS SERVICE

10. Competitive and Non-Competitive Counties for Special Access (Cont'd)

10.2 Competitive and Non-Competitive County Lists* (Cont'd)

(T)

10.2.4 Rate Group 4 (Cont'd)

(B) The following wire centers in Rate Group 4 are in Non-Competitive Counties:
 (Cont'd)

MN	Aitkin	GTWYMNXG
MN	Aitkin	JCBSMNXJ
MN	Aitkin	KMBRMNXK
MN	Aitkin	MALMMNXM
MN	Aitkin	MGRTMNXM
MN	Aitkin	MCGRMNXM
MN	Aitkin	PLSDMNXP
MN	Faribault	KSTRMNXL
MN	Renville	HCTRMNXA
MN	St Louis	GRNYMNXG
NE	Colfax	LEGHNEXG
NE	Greeley	GRELNEXH
NE	Madison	BTCKNEXH
NE	Madison	MDSNNEXG
NE	Madison	NWGVNEXG
NE	Madison	TLDNNEXG
NE	Merrick	PLMRNEXG
NE	Nance	GENONEXG

10.2.5 Rate Group 5

(A) Reserved for future use

(D)

(D)

(B) The following wire centers in Rate Group 5 are in Non-Competitive Counties:
 None

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(N)
 (N)
 (N)

ACCESS SERVICE

15. Reserved for future use

(D)

* Terms and Conditions for Packet Switching Network Service can now be found in the Interstate Service Guide and Pricelist.

(D)
(N)
(N)

ACCESS SERVICE

15. Reserved for future use (Cont'd)

(D)

* Terms and Conditions for Packet Switching Network Service can now be found in the Interstate Service Guide and Pricelist.

(D)
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15. Reserved for future use (Cont'd)

(D)

* Terms and Conditions for Packet Switching Network Service can now be found in the Interstate Service Guide and Pricelist.

(D)
(N)
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15. Reserved for future use (Cont'd)

(D)

* Terms and Conditions for Packet Switching Network Service can now be found in the Interstate Service Guide and Pricelist.

(D)
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15. Reserved for future use (Cont'd)

(D)

* Terms and Conditions for Packet Switching Network Service can now be found in the Interstate Service Guide and Pricelist.

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15. Reserved for future use (Cont'd)

(D)

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ACCESS SERVICE

17. Advanced Data Applications

17.1 Reserved for Future Use

(T)
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(D)

* Terms and Conditions for Frame Relay Service can now be found in the Interstate Service Guide and Pricelist.

(N)
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17. Advanced Data Applications

17.1 Reserved for Future Use

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17. Advanced Data Applications

17.1 Reserved for Future Use

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17. Advanced Data Applications

17.1 Reserved for Future Use

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17. Advanced Data Applications

17.1 Reserved for Future Use

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17. Advanced Data Applications

17.1 Reserved for Future Use

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(D)

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17. Advanced Data Applications

17.1 Reserved for Future Use

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(D)

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(D)
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ACCESS SERVICE

17. Advanced Data Applications

17.1 Reserved for Future Use

(T)
(D)

* Terms and Conditions for Frame Relay Service can now be found in the Interstate Service Guide and Pricelist.

(D)
(N)
(N)

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ACCESS SERVICE

17. Advanced Data Applications

17.1 Reserved for Future Use

(T)
(D)

* Terms and Conditions for Frame Relay Service can now be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.3 Access Ordering*

(T)

Regulations concerning Access Ordering are set forth in Section 5 preceding.

<u>Service Date Change Charge</u>		Nonrecurring <u>Charge</u>
-	Per Order	\$50.00
 <u>Design Change Charge</u>		
-	Per Order	\$31.76
 <u>Cancellation Charge</u>		
-	Per Order	\$402.75
 <u>Expedited Order Charge</u>		
-	Per Order, per day expedited	\$300.00

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service**

(T)

Regulations concerning Special Access are set forth in Section 7 preceding.

Metallic ServiceChannel Termination

-	per Order	\$130.23
-	per Termination, per month	\$150.00
-	per Termination, nonrecurring charge	\$1,000.00

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$0.75
-	Channel Mileage Termination, per termination, per month	\$42.00

Optional Features & FunctionsBridging

Three premises bridging, per port *

Series bridging, per port *

* No demand - rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations (N)
 for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for (N)
 detariffed services can be found in the Interstate Service Guide and Pricelist. (N)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service*** (Cont'd)

(T)

Voice Grade ServiceChannel Termination

-	per Order	\$130.23
-	per Two Wire Termination, per month	\$40.00
-	per Two Wire Termination, nonrecurring charge	\$488.24
-	per Four Wire Termination, per month	\$65.00
-	per Four Wire Termination, nonrecurring charge	\$488.24

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$0.61
-	Channel Mileage Termination, per termination, per month	\$39.00

<u>Optional Features & Functions</u>	<u>Monthly Rate</u>
--	---------------------

Central Office Bridging Capability
Two-Wire or Four-Wire, per Port

-	Data	\$1.00
-	Voice	\$1.00
-	Telephoto	*
-	DATAPHONE	*
-	Telemetry & Alarm	*

Conditioning, per Termination

-	C Type	\$1.00
-	Improved Attenuation Distortion**	\$1.00
-	Improved Envelope Delay Distortion**	\$7.74
-	Data Capability	\$1.00
-	Sealing Current	*

* No demand rates available on request.

** Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

*** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel termination for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist. (N)
(N)
(N)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service***** (Cont'd)

(T)

Voice Grade Service (Cont'd)Optional Features & Functions (Cont'd)

Monthly
Rate

Improved Return Loss for Effective
Two-Wire or Four-Wire Transmission
- per Termination

\$1.00

Customer Specified Receive Level,
- per Termination

\$1.00

Signaling Capability

- per Termination
- Loop Signaling Range Extension
- Loop or E&M to SF
- E&M to DX
- E&M to Loop
- Loop or E&M to PCM
- Automatic Ringdown

\$1.00

Selective Signaling Arrangement

\$1.00

Transfer Arrangement

(Key Activated ** or Dial Up)***

- Per Four Port Arrangement
including control circuit termination****

*

- Per Five Port Arrangement
including control circuit termination****

*

* No demand rates available on request.

** The key activated control circuit is rated as a Metallic Circuit Termination and Circuit Mileage, if applicable.

*** The Dial Up option requires the customer to purchase the Controller Arrangement from Section 20.1.7.

**** An additional Channel Termination charge will apply whenever a space circuit is configured as a leg to the customer's premises. Additional circuit mileage charges will apply when the transfer arrangement is not located in the customer premises serving wire center.

***** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service** (Cont'd)

(T)

Voice Grade Service (Cont'd)Optional Features & Functions (Cont'd)

Monthly
Rate

Voice Grade Facility Switching Arrangement

Echo Control

- Echo Suppression, per Circuit

*

- Echo Canceller, per Circuit

*

Improved Termination Option, per Termination

\$1.00

* No demand rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(N)
(N)
(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service* (Cont'd)

(T)

Program Audio ServiceChannel Termination

-	per Order	\$130.23
-	200 to 3500 Hz, monthly rate	\$37.52
-	100 to 5000 Hz, monthly rate	\$37.95
-	50 to 8000 Hz, monthly rate	\$37.95
-	50 to 15000 Hz, monthly rate	\$37.95
-	200 to 3500 Hz, daily rate	\$5.20
-	100 to 5000 Hz, daily rate	\$5.20
-	50 to 8000 Hz, daily rate	\$5.20
-	50 to 15000 Hz, daily rate	\$5.20
-	200 to 3500 Hz, Nonrecurring Charge	\$741.01
-	100 to 5000 Hz, Nonrecurring Charge	\$741.01
-	50 to 8000 Hz, Nonrecurring Charge	\$741.01
-	50 to 15000 Hz, Nonrecurring Charge	\$741.01

Channel Mileage

-	Channel Mileage Facility, per Mile	
-	200 to 3500 Hz, monthly rate	\$0.80
-	100 to 5000 Hz, monthly rate	\$1.55
-	50 to 8000 Hz, monthly rate	\$2.40
-	50 to 15000 Hz, monthly rate	\$3.10
-	200 to 3500 Hz, daily rate	\$0.08
-	100 to 5000 Hz, daily rate	\$0.16
-	50 to 8000 Hz, daily rate	\$0.24
-	50 to 15000 Hz, daily rate	\$0.32
-	Channel Mileage Termination, per Termination	
-	200 to 3500 Hz, monthly rate	\$37.95
-	100 to 5000 Hz, monthly rate	\$37.95
-	50 to 8000 Hz, monthly rate	\$37.95
-	50 to 15000 Hz, monthly rate	\$37.95
-	200 to 3500 Hz, daily rate	\$4.57
-	100 to 5000 Hz, daily rate	\$4.57
-	50 to 8000 Hz, daily rate	\$4.57
-	50 to 15000 Hz, daily rate	\$4.57

* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations (N)
for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for (N)
detariffed services can be found in the Interstate Service Guide and Pricelist. (N)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.5 Special Access Service** (Cont'd)

(T)

Program Audio Service (Cont'd)

Optional Features and Functions

Bridging Distribution Amplifier, per Port, monthly rate	*
Bridging Distribution Amplifier, per Port, daily rate	*
Gain Conditioning per Service, monthly rate	\$12.00
Gain Conditioning per Service, daily rate	\$1.20
Stereo, per Service, monthly rate	*
Stereo, per Service, daily rate	*

* No demand rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service*** (Cont'd)

(T)

Video ServiceChannel Termination

-	per Order	\$130.23
-	per Termination, monthly rate	
	TV-1 or 2	*
	4TV-5	*
	6TV-5	*
	TV-15	*
-	per Termination, daily rate	
	TV-1 or 2	**
	4TV-5	**
	6TV-5	**
	TV-15	**
-	per Termination, Nonrecurring Charge	
	TV-1 or 2	*
	4TV-5	*
	6TV-5	*
	TV-15	*

Channel Mileage

-	Channel Mileage Facility, per Mile, monthly rate	*
	per Mile, daily rate	**
-	Channel Mileage Termination, per termination, monthly rate	*
	per termination, daily rate	**

* No demand - rates available on request.

** Daily rates will be topped and maximum rates derived as set forth in Section 7 preceding.

*** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service* (Cont'd)

(T)

Digital Data ServiceChannel Termination

-	per Order	\$130.23
-	per Termination, monthly rate	
	2.4 kbps	\$50.00
	4.8 kbps	\$50.00
	9.6 kbps	\$50.00
	19.2 kbps	\$50.00
	56.0 kbps	\$50.00
	64.0 kbps	\$50.00
-	per Termination, Nonrecurring Charge	
	2.4 kbps	\$519.09
	4.8 kbps	\$519.09
	9.6 kbps	\$519.09
	19.2 kbps	\$519.09
	56.0 kbps	\$519.09
	64.0 kbps	\$519.09

Channel Mileage

-	Channel Mileage Facility,	
	2.4 kbps	\$0.35
	4.8 kbps	\$0.35
	9.6 kbps	\$0.35
	19.2 kbps	\$0.35
	56.0 kbps	\$0.65
	64.0 kbps	\$0.65
-	Channel Mileage Termination,	
	2.4 kbps	\$47.00
	4.8 kbps	\$47.00
	9.6 kbps	\$47.00
	19.2 kbps	\$47.00
	56.0 kbps	\$70.00
	64.0 kbps	\$70.00

* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service***** (Cont'd)

(T)

Digital Data Service (Cont'd)Optional Features and Functions

Central Office Bridging per Port, per month	\$12.53
--	---------

Secondary Channel per Station	*
----------------------------------	---

Multiplexing	
Digital Data Carrier, per month	*
Digital Data Carrier, Nonrecurring Charge	*

Loop Transfer Arrangement (Key Activated** or Dial Up***) Per Four Port Arrangement, including control circuit termination**** monthly rate	ICB
Nonrecurring Charge	ICB

* No demand- rate available on request.

** The key activated control circuit is rated as a Metallic Circuit Termination and Circuit mileage, if applicable.

*** The Dial Up option requires the customer to purchase the Controller Arrangement from Section 20.1.7

**** An additional Circuit Termination charge will apply whenever a space circuit is configured as a leg to the customer's premises. Additional circuit mileage charges will apply when the transfer arrangement is not located in the customer premises serving wire center.

***** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service* (Cont'd)

(T)

High Capacity ServiceChannel Termination

-	per Order	
	DS-1 - 1.544 Mbps	\$130.23
	DS-3 - 44.736 Mbps	\$415.00
	OC-3 - 155.520 Mbps	\$415.00
	OC-3c - 155.520 Mbps	\$415.00

- per Termination, monthly rate

(D)

(D)

Non-Competitive DS-1 1.544 End User	
Channel Termination	\$196.70
DS-1 IC Channel Termination	\$217.80

(D)

Non-Competitive DS-3 - 44.736 Mbps	\$1,147.00
OC-3 - 155.520 Mbps	\$3,200.00
OC-3c - 155.520 Mbps	\$3,000.00

- per Termination, Nonrecurring Charge

DS-1 - 1.544 Mbps	\$700.00
DS-3 - 44.736 Mbps	\$3,410.00
OC-3 - 155.520 Mbps	\$3,600.00
OC-3c - 155.520 Mbps	\$3,600.00

Channel Mileage

-	Channel Mileage Facility,	
	DS-1 - 1.544 Mbps	\$11.00
	DS-3 - 44.736 Mbps	\$132.00
	OC-3 - 155.520 Mbps	\$280.00
	OC-3c - 155.520 Mbps	\$280.00

- Channel Mileage Termination,

DS-1 - 1.544 Mbps	\$212.41
DS-3 - 44.736 Mbps	\$990.00
OC-3 - 155.520 Mbps	\$2,000.00
OC-3c - 155.520 Mbps	\$2,000.00

* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service* (Cont'd)

(T)

High Capacity Service (Cont'd)Optional Features and FunctionsMultiplexing

-	OC-3 to DS-3	
	per month	\$1,500.00
	Nonrecurring Charge	\$1,297.00
-	OC-3 to DS-1	
	per month	\$1,800.00
	Nonrecurring Charge	\$1,297.00
-	DS-3 to DS-1	
	per month	\$1,400.00
	Nonrecurring Charge	\$1,297.00
-	DS-1 to Voice	
	per month	\$261.00
	Nonrecurring Charge	\$417.00
-	DS-1 to DS0	
	per month	\$261.00
	Nonrecurring Charge	\$417.00

* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(N)
 (N)
 (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service*** (Cont'd)

(T)

High Capacity Service (Cont'd)Optional Features and Functions (Cont'd)Multiplexing (Cont'd)

-	Digital DS3 Cross Connect	
	per month	*
	Nonrecurring Charge	*
-	Digital Data Substrate	
	One DSO to Twenty 2.4 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	One DSO to Ten 4.8 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	One DSO to Five 9.6 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	Automatic Loop transfer**	
-	per Arrangement	ICB
-	per Termination	\$143.05
	Automatic Protection Switching per DS1	
	monthly rate	*
	Nonrecurring Charge	*
	Clear Channel Capability, per DS1 circuit arranged	
	monthly rate	\$0.00
	Nonrecurring Charge	\$538.19

* No demand - rates available on request.

** An additional Channel Termination charge will apply whenever the space channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

*** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service** (Cont'd) (T)High Capacity Service (Cont'd)DS1- Optional Payment Plan*(1)

Term: Five Years

Monthly Rate \$970.00

Nonrecurring Charge \$900.00

DS1- Term Payment Plan*(2)

Nonrecurring Charge \$450.00

One Year Monthly Rates \$180.00

Two Year Monthly Rates \$170.00

Three Year Monthly Rates \$160.00

Five Year Monthly Rates \$140.00

* DS1 - Optional Payment Plan furnished only to the same customers on the same premises as of July, 1995.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(1) Applies only to Citizens Telecommunications Company of Montana - Eureka, Troy and Libby exchanges.

(2) Applies only to Citizens Telecommunications Company of California - Meadowview, Courtland, Walnut Grove, Isleton, and Clarksburg exchanges.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.7 Miscellaneous ServicesAdditional Engineering and Additional Labor** (T)

Charges for Additional Engineering
 per Engineer, 1/2 hour or Fraction thereof

Basic Time	\$40.00
Overtime	\$60.00
Premium Time*	\$80.00

Charges for Additional Labor
 per Technician, 1/2 hour or Fraction thereof

Basic Time	\$30.00
Overtime	\$45.00
Premium Time*	\$60.00

Charges for Additional Testing
 per Technician, 1/2 hour or Fraction thereof

Basic Time	\$30.00
Overtime	\$45.00
Premium Time*	\$60.00

Charges for Standby
 per Technician, 1/2 hour or Fraction thereof

Basic Time	\$30.00
Overtime	\$45.00
Premium Time*	\$60.00

Charges for Programming
 per Programmer, 1/2 hour or Fraction thereof

Basic Time	\$30.00
Overtime	\$45.00
Premium Time*	\$60.00

NID Replacement

Nonrecurring Charge per 2 pairs of capacity	\$99.00
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* Subject to Minimum Charge of Four Hours.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist. (N)
 (N)
 (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.12 Reserved for future use

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.12 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.3 Access Ordering*

(T)

Regulations concerning Access Ordering are set forth in Section 5 preceding.

<u>Service Date Change Charge</u>		Nonrecurring <u>Charge</u>
-	Per Order	\$50.00
 <u>Design Change Charge</u>		
-	Per Order	\$31.76
 <u>Cancellation Charge</u>		
-	Per Order	\$402.75
 <u>Expedited Order Charge</u>		
-	Per Order, per day expedited	\$300.00

* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist. (N)
 (N)
 (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service**

(T)

Regulations concerning Special Access are set forth in Section 7 preceding.

Metallic ServiceChannel Termination

-	per Order	\$130.26
-	per Termination, per month	\$150.00
-	per Termination, nonrecurring charge	\$1,000.00

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$0.29
-	Channel Mileage Termination, per termination, per month	\$35.00

Optional Features & FunctionsBridging

Three premises bridging, per port

*

Series bridging, per port

*

* No demand - rates available on request.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service*** (Cont'd)

(T)

Voice Grade ServiceChannel Termination

-	per Order	\$130.26
-	per Two Wire Termination, per month	\$55.93
-	per Two Wire Termination, nonrecurring charge	\$488.00
-	per Four Wire Termination, per month	\$69.00
-	per Four Wire Termination, nonrecurring charge	\$488.00

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$0.29
-	Channel Mileage Termination, per termination, per month	\$30.00

<u>Optional Features & Functions</u>	<u>Monthly Rate</u>
--	---------------------

Central Office Bridging Capability

Two-Wire or Four-Wire, per Port

-	Data	\$1.00
-	Voice	\$1.00
-	Telephoto	*
-	DATAPHONE	*
-	Telemetry & Alarm	*

Conditioning, per Termination

-	C Type	\$1.00
-	Improved Attenuation Distortion**	\$7.74
-	Improved Envelope Delay Distortion**	\$7.74
-	Data Capability	\$1.00
-	Sealing Current	*

* No demand rates available on request.

** Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service***** (Cont'd)

(T)

Voice Grade Service (Cont'd)Optional Features & Functions (Cont'd)

Monthly
Rate

Improved Return Loss for Effective
Two-Wire or Four-Wire Transmission

- per Termination \$1.00

Customer Specified Receive Level,
- per Termination

\$1.00

Signaling Capability

- per Termination \$1.00

- Loop Signaling Range Extension

- Loop or E&M to SF

- E&M to DX

- E&M to Loop

- Loop or E&M to PCM

- Automatic Ringdown

Selective Signaling Arrangement

\$1.00

Transfer Arrangement

(Key Activated ** or Dial Up)***

- Per Four Port Arrangement *
including control circuit termination*****

- Per Five Port Arrangement *
including control circuit termination*****

* No demand rates available on request.

** The key activated control circuit is rated as a Metallic Circuit Termination and Circuit Mileage, if applicable.

*** The Dial Up option requires the customer to purchase the Controller Arrangement from Section 20.2.7.

**** An additional Channel Termination charge will apply whenever a space circuit is configured as a leg to the customer's premises. Additional circuit mileage charges will apply when the transfer arrangement is not located in the customer premises serving wire center.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service** (Cont'd)

(T)

Voice Grade Service (Cont'd)Optional Features & Functions (Cont'd)

Monthly
Rate

Voice Grade Facility Switching Arrangement

Echo Control

- Echo Suppression, per Circuit
- Echo Cancellor, per Circuit

*

*

Improved Termination Option, per Termination

\$11.09

* No demand rates available on request.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service* (Cont'd)

(T)

Program Audio ServiceChannel Termination

-	per Order	\$130.26
-	200 to 3500 Hz, monthly rate	\$35.65
-	100 to 5000 Hz, monthly rate	\$38.69
-	50 to 8000 Hz, monthly rate	\$38.69
-	50 to 15000 Hz, monthly rate	\$38.69
-	200 to 3500 Hz, daily rate	\$3.55
-	100 to 5000 Hz, daily rate	\$3.86
-	50 to 8000 Hz, daily rate	\$3.86
-	50 to 15000 Hz, daily rate	\$3.86
-	200 to 3500 Hz, Nonrecurring Charge	\$741.01
-	100 to 5000 Hz, Nonrecurring Charge	\$741.01
-	50 to 8000 Hz, Nonrecurring Charge	\$741.01
-	50 to 15000 Hz, Nonrecurring Charge	\$741.01

Channel Mileage

-	Channel Mileage Facility, per Mile	
-	200 to 3500 Hz, monthly rate	\$0.30
-	100 to 5000 Hz, monthly rate	\$0.59
-	50 to 8000 Hz, monthly rate	\$0.89
-	50 to 15000 Hz, monthly rate	\$1.18
-	200 to 3500 Hz, daily rate	\$0.03
-	100 to 5000 Hz, daily rate	\$0.06
-	50 to 8000 Hz, daily rate	\$0.09
-	50 to 15000 Hz, daily rate	\$0.12
-	Channel Mileage Termination, per Termination	
-	200 to 3500 Hz, monthly rate	\$35.38
-	100 to 5000 Hz, monthly rate	\$70.46
-	50 to 8000 Hz, monthly rate	\$104.48
-	50 to 15000 Hz, monthly rate	\$140.93
-	200 to 3500 Hz, daily rate	\$3.53
-	100 to 5000 Hz, daily rate	\$7.05
-	50 to 8000 Hz, daily rate	\$10.57
-	50 to 15000 Hz, daily rate	\$14.09

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.5 Special Access Service** (Cont'd)

Program Audio Service (Cont'd)

Optional Features and Functions

Bridging Distribution Amplifier, per Port, monthly rate	*
Bridging Distribution Amplifier, per Port, daily rate	*
Gain Conditioning per Service, monthly rate	\$12.00
Gain Conditioning per Service, daily rate	\$1.20
Stereo, per Service, monthly rate	
*	
Stereo, per Service, daily rate	*

* No demand rates available on request.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service*** (Cont'd)Video ServiceChannel Termination

-	per Order	\$130.26
---	-----------	----------

-	per Termination, monthly rate	
	TV-1 or 2	*
	4TV-5	*
	6TV-5	*
	TV-15	*

-	per Termination, daily rate	
	TV-1 or 2	**
	4TV-5	**
	6TV-5	**
	TV-15	**

-	per Termination, Nonrecurring Charge	
	TV-1 or 2	*
	4TV-5	*
	6TV-5	*
	TV-15	*

Channel Mileage

-	Channel Mileage Facility,	
	per Mile, monthly rate	*
	per Mile, daily rate	**

-	Channel Mileage Termination,	
	per termination, monthly rate	*
	per termination, daily rate	**

* No demand - rates available on request.

** Daily rates will be topped and maximum rates derived as set forth in Section 7 preceding.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service* (Cont'd)

(T)

Digital Data ServiceChannel Termination

-	per Order	\$130.26
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-	per Termination, monthly rate	
---	-------------------------------	--

	2.4 kbps	\$70.75
	4.8 kbps	\$70.75
	9.6 kbps	\$70.75
	19.2 kbps	\$70.75
	56.0 kbps	\$70.75
	64.0 kbps	\$70.75

-	per Termination, Nonrecurring Charge	
---	--------------------------------------	--

	2.4 kbps	\$519.21
	4.8 kbps	\$519.21
	9.6 kbps	\$519.21
	19.2 kbps	\$519.21
	56.0 kbps	\$519.21
	64.0 kbps	\$519.21

Channel Mileage

-	Channel Mileage Facility,	
---	---------------------------	--

	2.4 kbps	\$0.35
	4.8 kbps	\$0.35
	9.6 kbps	\$0.35
	19.2 kbps	\$0.35
	56.0 kbps	\$0.65
	64.0 kbps	\$0.65

-	Channel Mileage Termination,	
---	------------------------------	--

	2.4 kbps	\$38.50
	4.8 kbps	\$38.50
	9.6 kbps	\$38.50
	19.2 kbps	\$38.50
	56.0 kbps	\$65.00
	64.0 kbps	\$65.00

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service***** (Cont'd)

(T)

Digital Data Service (Cont'd)Optional Features and Functions

Central Office Bridging per Port, per month	\$12.72
--	---------

Secondary Channel per Station	*
----------------------------------	---

Multiplexing	
Digital Data Carrier, per month	*
Digital Data Carrier, Nonrecurring Charge	*

Loop Transfer Arrangement (Key Activated** or Dial Up***) Per Four Port Arrangement, including control circuit termination**** monthly rate	ICB
Nonrecurring Charge	ICB

* No demand- rate available on request.

** The key activated control circuit is rated as a Metallic Circuit Termination and Circuit mileage, if applicable.

*** The Dial Up option requires the customer to purchase the Controller Arrangement from Section 20.1.7

**** An additional Circuit Termination charge will apply whenever a space circuit is configured as a leg to the customer's premises. Additional circuit mileage charges will apply when the transfer arrangement is not located in the customer premises serving wire center.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service* (Cont'd)

(T)

High Capacity ServiceChannel Termination

-	per Order			
	DS-1 - 1.544 Mbps		\$130.59	
	DS-3 - 44.736 Mbps		\$415.00	(D)
				(D)

-	per Termination, monthly rate			
	Non-Competitive DS-1 1.544 End User			
	Channel Termination		\$174.23	
	DS-1 IC Channel Termination		\$192.50	(D)
				(D)
	Non-Competitive DS-3 - 44.736 Mbps		\$1,400.00	(D)
				(D)
				(D)

-	per Termination, Nonrecurring Charge			
	DS-1 - 1.544 Mbps		\$700.00	
	DS-3 - 44.736 Mbps		\$3,410.00	(D)
				(D)

Channel Mileage

-	Channel Mileage Facility,			
	DS-1 - 1.544 Mbps		\$7.70	
	DS-3 - 44.736 Mbps		\$132.00	(D)
				(D)
-	Channel Mileage Termination,			
	DS-1 - 1.544 Mbps		\$155.10	
	DS-3 - 44.736 Mbps		\$990.00	(D)
				(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service* (Cont'd)

(T)

High Capacity Service (Cont'd)Optional Features and FunctionsMultiplexing

-	OC-3 to DS-3	
	per month	\$1,500.00
	Nonrecurring Charge	\$1,297.00
-	OC-3 to DS-1	
	per month	\$1,800.00
	Nonrecurring Charge	\$1,297.00
-	DS-3 to DS-1	
	per month	\$1,406.16
	Nonrecurring Charge	\$1,297.00
-	DS-1 to Voice	
	per month	\$263.00
	Nonrecurring Charge	\$417.00
-	DS-1 to DS0	
	per month	\$263.00
	Nonrecurring Charge	\$417.00

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service*** (Cont'd)

(T)

High Capacity Service (Cont'd)Optional Features and Functions (Cont'd)Multiplexing (Cont'd)

-	Digital DS3 Cross Connect	
	per month	*
	Nonrecurring Charge	*
-	Digital Data Substrate	
	One DSO to Twenty 2.4 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	One DSO to Ten 4.8 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	One DSO to Five 9.6 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	Automatic Loop transfer**	
-	per Arrangement	ICB
-	per Termination	\$143.05
	Automatic Protection Switching per DS1	
	monthly rate	*
	Nonrecurring Charge	*
	Clear Channel Capability, per DS1 circuit arranged	
	monthly rate	\$0.00
	Nonrecurring Charge	\$538.19

* No demand - rates available on request.

** An additional Channel Termination charge will apply whenever the space channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use(Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use(Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.12 Reserved for future use

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.2 Rate Group #2 (Cont'd)

20.2.12 Reserved for future use (Cont'd)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Rate Group #3 (Cont'd)20.3.3 Access Ordering*

(T)

Regulations concerning Access Ordering are set forth in Section 5 preceding.

<u>Service Date Change Charge</u>		Nonrecurring <u>Charge</u>
-	Per Order	\$150.00
 <u>Design Change Charge</u>		
-	Per Order	\$150.00
 <u>Cancellation Charge</u>		
-	Per Order	\$402.75
 <u>Expedited Order Charge</u>		
-	Per Order, per day expedited	\$300.00

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Rate Group #3 (Cont'd)20.3.5 Special Access Service**

(T)

Regulations concerning Special Access are set forth in Section 7 preceding.

Metallic Service

(D)

|

(D)

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$3.00
-	Channel Mileage Termination, per termination, per month	\$16.79

(D)

|

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service* (Cont'd)

(T)

(D)

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service* (Cont'd)

(T)

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(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Rate Group #3 (Cont'd)20.3.5 Special Access Service** (Cont'd)

(T)

Program Audio Service

(D)

(D)

Channel Mileage

-	Channel Mileage Facility, per Mile	
-	200 to 3500 Hz, monthly rate	*
-	100 to 5000 Hz, monthly rate	*
-	50 to 8000 Hz, monthly rate	*
-	50 to 15000 Hz, monthly rate	*
-	200 to 3500 Hz, daily rate	*
-	100 to 5000 Hz, daily rate	*
-	50 to 8000 Hz, daily rate	*
-	50 to 15000 Hz, daily rate	*
-	Channel Mileage Termination, per Termination	
-	200 to 3500 Hz, monthly rate	*
-	100 to 5000 Hz, monthly rate	*
-	50 to 8000 Hz, monthly rate	*
-	50 to 15000 Hz, monthly rate	*
-	200 to 3500 Hz, daily rate	*
-	100 to 5000 Hz, daily rate	*
-	50 to 8000 Hz, daily rate	*
-	50 to 15000 Hz, daily rate	*

* No demand rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(N)

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service* (Cont'd)

(T)

(D)

|

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Rate Group #3 (Cont'd)20.3.5 Special Access Service*** (Cont'd)Video Service

(T)

(D)

Channel Mileage

-	Channel Mileage Facility, per Mile, monthly rate	*
	per Mile, daily rate	**
-	Channel Mileage Termination, per termination, monthly rate	*
	per termination, daily rate	**

(D)

* No demand - rates available on request.

** Daily rates will be topped and maximum rates derived as set forth in Section 7 preceding.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Rate Group #3 (Cont'd)20.3.5 Special Access Service* (Cont'd)

(T)

Digital Data Service

(D)

(D)

Channel Mileage

-	Channel Mileage Facility,	
	2.4 kbps	\$3.00
	4.8 kpbs	\$3.00
	9.6 kbps	\$3.00
	19.2 kbps	\$3.00
	56.0 kbps	\$6.00
	64.0 kbps	\$6.00
-	Channel Mileage Termination,	
	2.4 kbps	\$16.79
	4.8 kpbs	\$16.79
	9.6 kbps	\$16.79
	19.2 kbps	\$16.79
	56.0 kbps	\$33.60
	64.0 kbps	\$33.60

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service* (Cont'd)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Rate Group #3 (Cont'd)20.3.5 Special Access Service* (Cont'd)

(T)

High Capacity Service

(D)

(D)

Channel Mileage

-	Channel Mileage Facility,	
	DS-1 - 1.544 Mbps	\$20.10
	DS-3 - 44.736 Mbps	\$107.80
	OC-3 - 155.520 Mbps	\$280.00
	OC-3c - 155.520 Mbps	\$280.00
-	Channel Mileage Termination,	
	DS-1 - 1.544 Mbps	\$66.00
	DS-3 - 44.736 Mbps	\$935.00
	OC-3 - 155.520 Mbps	\$2,000.00
	OC-3c - 155.520 Mbps	\$2,000.00

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service* (Cont'd)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service*** (Cont'd)

(T)

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*** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.3 Access Ordering*

(T)

Regulations concerning Access Ordering are set forth in Section 5 preceding.

<u>Service Date Change Charge</u>		Nonrecurring <u>Charge</u>
-	Per Order	\$50.00
 <u>Design Change Charge</u>		
-	Per Order	\$26.21
 <u>Cancellation Charge</u>		
-	Per Order	\$402.75
 <u>Expedited Order Charge</u>		
-	Per Order, per day expedited	\$300.00

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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(N)
(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service*

(T)

Regulations concerning Special Access are set forth in Section 7 preceding.

Metallic ServiceChannel Termination

-	per Order	\$130.23
-	per Termination, per month	\$150.00
-	per Termination, nonrecurring charge	\$1,000.00

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$2.45
-	Channel Mileage Termination, per termination, per month	\$28.77

Optional Features & FunctionsBridging

Three premises bridging, per port	*
-----------------------------------	---

Series bridging, per port	*
---------------------------	---

* No demand - rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service* (Cont'd) (T)Voice Grade ServiceChannel Termination

-	per Order	\$130.23
-	per Two Wire Termination, per month	\$32.41
-	per Two Wire Termination, nonrecurring charge	\$200.00
-	per Four Wire Termination, per month	\$50.50
-	per Four Wire Termination, nonrecurring charge	\$488.24

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$2.45
-	Channel Mileage Termination, per termination, per month	\$28.77

Optional Features & Functions

Monthly
Rate

Central Office Bridging Capability
 Two-Wire or Four-Wire, per Port

-	Data	\$5.59
-	Voice	\$5.59
-	Telephoto	*
-	DATAPHONE	*
-	Telemetry & Alarm	*

Conditioning, per Termination

-	C Type	\$1.00
-	Improved Attenuation Distortion	\$1.00
-	Improved Envelope Delay Distortion	\$1.00
-	Data Capability	\$1.00
-	Sealing Current	*

* No demand rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel termination (N)
 for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for (N)
 detariffed services can be found in the Interstate Service Guide and Pricelist. (N)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service** (Cont'd)

(T)

Voice Grade Service (Cont'd)Optional Features & Functions (Cont'd)

Monthly
Rate

Improved Return Loss for Effective
Two-Wire or Four-Wire Transmission
- per Termination

\$1.00

Customer Specified Receive Level,
- per Termination

\$6.74

Signaling Capability
- per Termination
 - Loop Signaling Range Extension
 - Loop or E&M to SF
 - E&M to DX
 - E&M to Loop
 - Loop or E&M to PCM
 - Automatic Ringdown

\$1.00

Selective Signaling Arrangement

\$35.42

Transfer Arrangement
(Key Activated or Dial Up)

- Per Four Port Arrangement
including control circuit termination

*

- Per Five Port Arrangement
including control circuit termination

*

* No demand rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service** (Cont'd)

(T)

Voice Grade Service (Cont'd)Optional Features & Functions (Cont'd)

Monthly
Rate

Voice Grade Facility Switching Arrangement

Echo Control

- Echo Suppression, per Circuit

*

- Echo Cancellor, per Circuit

*

Improved Termination Option, per Termination

\$1.00

Improved Equal Level Echo Path Loss,
per Termination

*

Telephoto Capability
per Termination

*

* No demand rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service* (Cont'd)

(T)

Program Audio ServiceChannel Termination

-	per Order	\$130.23
-	200 to 3500 Hz, monthly rate	\$25.68
-	100 to 5000 Hz, monthly rate	\$47.00
-	50 to 8000 Hz, monthly rate	\$38.51
-	50 to 15000 Hz, monthly rate	\$38.51
-	200 to 3500 Hz, daily rate	\$2.77
-	100 to 5000 Hz, daily rate	\$4.70
-	50 to 8000 Hz, daily rate	\$3.85
-	50 to 15000 Hz, daily rate	\$3.85
-	200 to 3500 Hz, Nonrecurring Charge	\$200.00
-	100 to 5000 Hz, Nonrecurring Charge	\$200.00
-	50 to 8000 Hz, Nonrecurring Charge	\$200.00
-	50 to 15000 Hz, Nonrecurring Charge	\$200.00

Channel Mileage

-	Channel Mileage Facility, per Mile	
-	200 to 3500 Hz, monthly rate	\$0.80
-	100 to 5000 Hz, monthly rate	\$1.55
-	50 to 8000 Hz, monthly rate	\$6.70
-	50 to 15000 Hz, monthly rate	\$6.70
-	200 to 3500 Hz, daily rate	\$0.08
-	100 to 5000 Hz, daily rate	\$0.16
-	50 to 8000 Hz, daily rate	\$0.67
-	50 to 15000 Hz, daily rate	\$0.67
-	Channel Mileage Termination, per Termination	
-	200 to 3500 Hz, monthly rate	\$45.00
-	100 to 5000 Hz, monthly rate	\$45.00
-	50 to 8000 Hz, monthly rate	\$45.00
-	50 to 15000 Hz, monthly rate	\$45.00
-	200 to 3500 Hz, daily rate	\$4.50
-	100 to 5000 Hz, daily rate	\$4.50
-	50 to 8000 Hz, daily rate	\$4.50
-	50 to 15000 Hz, daily rate	\$4.50

* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations (N)
for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for (N)
detariffed services can be found in the Interstate Service Guide and Pricelist. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service** (Cont'd)

(T)

Program Audio Service (Cont'd)Optional Features and Functions

Bridging Distribution Amplifier, per Port, monthly rate	*
Bridging Distribution Amplifier, per Port, daily rate	*

Gain Conditioning per Service, monthly rate	\$12.00
Gain Conditioning per Service, daily rate	\$1.20

Stereo, per Service, monthly rate	*
Stereo, per Service, daily rate	*

* No demand rates available on request.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service*** (Cont'd)

(T)

Video ServiceChannel Termination

-	per Order	\$132.00
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-	per Termination, monthly rate	
---	-------------------------------	--

	TV-1 or 2	*
--	-----------	---

	4TV-5	*
--	-------	---

	6TV-5	*
--	-------	---

	TV-15	*
--	-------	---

-	per Termination, daily rate	
---	-----------------------------	--

	TV-1 or 2	**
--	-----------	----

	4TV-5	**
--	-------	----

	6TV-5	**
--	-------	----

	TV-15	**
--	-------	----

-	per Termination, Nonrecurring Charge	
---	--------------------------------------	--

	TV-1 or 2	*
--	-----------	---

	4TV-5	*
--	-------	---

	6TV-5	*
--	-------	---

	TV-15	*
--	-------	---

Channel Mileage

-	Channel Mileage Facility, per Mile, monthly rate	*
	per Mile, daily rate	**

-	Channel Mileage Termination, per termination, monthly rate	*
	per termination, daily rate	**

* No demand - rates available on request.

** Daily rates will be topped and maximum rates derived as set forth in Section 7 preceding.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service* (Cont'd)

(T)

Digital Data ServiceChannel Termination

-	per Order	\$130.23
-	per Termination, monthly rate	
	2.4 kbps	\$50.00
	4.8 kbps	\$50.00
	9.6 kbps	\$50.00
	19.2 kbps	\$50.00
	56.0 kbps	\$50.00
	64.0 kbps	\$50.00
-	per Termination, Nonrecurring Charge	
	2.4 kbps	\$250.00
	4.8 kbps	\$250.00
	9.6 kbps	\$250.00
	19.2 kbps	\$250.00
	56.0 kbps	\$250.00
	64.0 kbps	\$250.00

Channel Mileage

-	Channel Mileage Facility,	
	2.4 kbps	\$4.80
	4.8 kbps	\$4.80
	9.6 kbps	\$4.80
	19.2 kbps	\$3.81
	56.0 kbps	\$3.82
	64.0 kbps	\$3.82
-	Channel Mileage Termination,	
	2.4 kbps	\$30.93
	4.8 kbps	\$30.93
	9.6 kbps	\$30.93
	19.2 kbps	\$30.94
	56.0 kbps	\$30.94
	64.0 kbps	\$30.94

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service***** (Cont'd)

(T)

Digital Data Service (Cont'd)Optional Features and Functions

Central Office Bridging per Port, per month	\$11.00
--	---------

Secondary Channel per Station	*
----------------------------------	---

Multiplexing	
Digital Data Carrier, per month	*
Digital Data Carrier, Nonrecurring Charge	*

Loop Transfer Arrangement (Key Activated** or Dial Up***) Per Four Port Arrangement, including control circuit termination**** monthly rate	ICB
Nonrecurring Charge	ICB

* No demand- rate available on request.

** The key activated control circuit is rated as a Metallic Circuit Termination and Circuit mileage, if applicable.

*** The Dial Up option requires the customer to purchase the Controller Arrangement from Section 20.4.7

**** An additional Circuit Termination charge will apply whenever a space circuit is configured as a leg to the customer's premises. Additional circuit mileage charges will apply when the transfer arrangement is not located in the customer premises serving wire center.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service* (Cont'd)

(T)

High Capacity ServiceChannel Termination

-	per Order	
	DS-1 - 1.544 Mbps	\$130.59
	DS-3 - 44.736 Mbps	\$415.00

(D)

(D)

-	per Termination, monthly rate	
---	-------------------------------	--

(D)

(D)

	Non-Competitive DS-1 1.544 End User	
	Channel Termination	\$243.50
	DS-1 IC Channel Termination	\$269.50

	Non-Competitive DS-3 - 44.736 Mbps	\$1,400.00
--	------------------------------------	------------

(D)

(D)

(D)

-	per Termination, Nonrecurring Charge	
	DS-1 - 1.544 Mbps	\$700.00
	DS-3 - 44.736 Mbps	\$3,410.00

(D)

(D)

Channel Mileage

-	Channel Mileage Facility,	
	DS-1 - 1.544 Mbps	\$16.50
	DS-3 - 44.736 Mbps	\$55.00

(D)

(D)

-	Channel Mileage Termination,	
	DS-1 - 1.544 Mbps	\$43.23
	DS-3 - 44.736 Mbps	\$550.00

(D)

(D)

(N)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service* (Cont'd)

(T)

High Capacity Service (Cont'd)Optional Features and FunctionsMultiplexing

-	OC-3 to DS-3	
	per month	\$1,500.00
	Nonrecurring Charge	\$1,297.00
-	OC-3 to DS-1	
	per month	\$1,800.00
	Nonrecurring Charge	\$1,297.00
-	DS-3 to DS-1	
	per month	\$500.00
	Nonrecurring Charge	\$1,297.00
-	DS-1 to Voice	
	per month	\$187.21
	Nonrecurring Charge	\$800.00
-	DS-1 to DS0	
	per month	\$187.21
	Nonrecurring Charge	\$800.00

* Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service*** (Cont'd)

(T)

High Capacity Service (Cont'd)Optional Features and Functions (Cont'd)Multiplexing (Cont'd)

-	Digital DS3 Cross Connect	
	per month	*
	Nonrecurring Charge	*
-	Digital Data Substrate	
	One DSO to Twenty 2.4 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	One DSO to Ten 4.8 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	One DSO to Five 9.6 Kbps	
	monthly rate	ICB
	Nonrecurring Charge	ICB
	Automatic Loop transfer**	
-	per Arrangement	ICB
-	per Termination	ICB
	Automatic Protection Switching per DS1	
	monthly rate	*
	Nonrecurring Charge	*
	Clear Channel Capability, per DS1 circuit arranged	
	monthly rate	\$0.00
	Nonrecurring Charge	\$538.19

* No demand - rates available on request.

** An additional Channel Termination charge will apply whenever the space channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

*** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

(D)

20.4.11 Reserved for future use (Cont'd)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.11 Reserved for future use (Cont'd)

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.12 Reserved for future use

(D)

(D)

(D)
(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.12 Reserved for future use (Cont'd)

(D)

(D)

(D)
(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.4 Rate Group #4 (Cont'd)

20.4.13 Reserved for future use

(D)

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Rate Group #5 (Cont'd)20.5.3 Access Ordering*

(T)

Regulations concerning Access Ordering are set forth in Section 5 preceding.

<u>Service Date Change Charge</u>		Nonrecurring <u>Charge</u>
-	Per Order	\$50.00
 <u>Design Change Charge</u>		
-	Per Order	\$31.76
 <u>Cancellation Charge</u>		
-	Per Order	\$402.75
 <u>Expedited Order Charge</u>		
-	Per Order, per day expedited	\$300.00

*Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service*

(T)

Regulations concerning Special Access are set forth in Section 7 preceding.

Metallic Service

(D)

Channel Mileage

(D)

-	Channel Mileage Facility, per Mile, per month	\$0.75
	Channel Mileage Termination, per termination, per month	\$42.00

(D)

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(N)

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Rate Group #5 (Cont'd)20.5.5 Special Access Service** (Cont'd)

(T)

Voice Grade Service

(D)

(D)

Channel Mileage

-	Channel Mileage Facility, per Mile, per month	\$0.61
-	Channel Mileage Termination, per termination, per month	\$39.00

(D)

(D)

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(N)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service* (Cont'd)

(T)

(D)

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service* (Cont'd)

(T)

(D)

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Rate Group #5 (Cont'd)20.5.5 Special Access Service* (Cont'd)

(T)

Program Audio Service

(D)

Channel Mileage

(D)

-	Channel Mileage Facility, per Mile	
-	200 to 3500 Hz, monthly rate	\$0.80
-	100 to 5000 Hz, monthly rate	\$1.55
-	50 to 8000 Hz, monthly rate	\$2.40
-	50 to 15000 Hz, monthly rate	\$3.10
-	200 to 3500 Hz, daily rate	\$0.08
-	100 to 5000 Hz, daily rate	\$0.16
-	50 to 8000 Hz, daily rate	\$0.24
-	50 to 15000 Hz, daily rate	\$0.32
-	Channel Mileage Termination, per Termination	
-	200 to 3500 Hz, monthly rate	\$37.95
-	100 to 5000 Hz, monthly rate	\$37.95
-	50 to 8000 Hz, monthly rate	\$37.95
-	50 to 15000 Hz, monthly rate	\$37.95
-	200 to 3500 Hz, daily rate	\$4.57
-	100 to 5000 Hz, daily rate	\$4.57
-	50 to 8000 Hz, daily rate	\$4.57
-	50 to 15000 Hz, daily rate	\$4.57

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ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service* (Cont'd)

(T)

(D)

(D)

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ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Rate Group #5 (Cont'd)20.5.5 Special Access Service* (Cont'd)

(T)

Digital Data Service

(D)

(D)

Channel Mileage

- Channel Mileage Facility,

2.4 kbps	\$0.35
4.8 kbps	\$0.35
9.6 kbps	\$0.35
19.2 kbps	\$0.35
56.0 kbps	\$0.30
64.0 kbps	\$0.30

- Channel Mileage Termination,

2.4 kbps	\$47.00
4.8 kbps	\$47.00
9.6 kbps	\$47.00
19.2 kbps	\$47.00
56.0 kbps	\$31.99
64.0 kbps	\$31.99

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(N)

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service* (Cont'd)

(T)

(D)

(D)

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(N)
(N)
(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Rate Group #5 (Cont'd)20.5.5 Special Access Service* (Cont'd)

(T)

High Capacity ServiceChannel Termination

(D)

(D)

Channel Mileage

- Channel Mileage Facility,
 DS-1 - 1.544 Mbps
 DS-3 - 44.736 Mbps

\$5.03
 \$60.34

(D)

(D)

- Channel Mileage Termination,
 DS-1 - 1.544 Mbps
 DS-3 - 44.736 Mbps

\$97.02
 \$452.50

(D)

(D)

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(N)

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service* (Cont'd)

(T)

(D)

(D)

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(N)
(N)
(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service* (Cont'd)

(T)

(D)

(D)

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(N)
(N)
(N)