

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.3 Access Ordering

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

| <u>Service Date Change Charge</u> | | Nonrecurring Charge | |
|---|------------------------------|---------------------|-----|
| - | Per Order | \$50.00 | |
| <u>Design Change Charge – Per Order per Occurrence</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$3,191.30 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$3,191.30 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$3,191.30 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary’s study areas) | WV | \$3,191.30 | |
| Citizens Telecommunications Company of Utah | UT | \$3,191.30 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$3,191.30 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$3,191.30 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$3,191.30 | |
| <u>Cancellation Charge – Per Order</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$35,190.55 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$35,190.55 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$35,190.55 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary’s study areas) | WV | \$35,190.55 | |
| Citizens Telecommunications Company of Utah | UT | \$35,190.55 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$35,190.55 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$35,190.55 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$35,190.55 | |
| <u>Expedited Order Charge</u> | | | |
| - | Per Order, per day expedited | \$300.00 | |



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service (Cont'd)Voice Grade ServiceService Order Charge – per order

| | | | |
|---|--------|-------------|-----|
| Citizens Utilities Rural Company, Inc. | AZ | \$17,831.01 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$17,831.01 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$17,831.01 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$17,831.01 | |
| Citizens Telecommunications Company of Utah | UT | \$17,831.01 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$17,831.01 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$17,831.01 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$17,831.01 | |

Channel Termination

| | | |
|--|----|-------------|
| Citizens Utilities Rural Company, Inc. | AZ | |
| - per Two Wire Termination, per month | | \$5,476.80 |
| - per Two Wire Termination, nonrecurring charge | | \$66,849.44 |
| - per Four Wire Termination, per month | | \$8,899.87 |
| - per Four Wire Termination, nonrecurring charge | | \$66,849.44 |

Citizens Telecommunications Company of California, Inc. CA
(Elk Grove study area) (OCN 2308)

| | |
|--|-------------|
| - per Two Wire Termination, per month | \$5,476.80 |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - per Four Wire Termination, per month | \$8,899.87 |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 |

Citizens Telecommunications Company of Tennessee LLC
(Citizens Telecommunications Company Tennessee Study Area) (OCN 4336)

| | |
|--|-------------|
| - per Two Wire Termination, per month | \$5,476.80 |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - per Four Wire Termination, per month | \$8,899.87 |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 |

Citizens Telecommunications Company of West Virginia
(Bluefield and St Mary's study areas)

| | |
|--|-------------|
| - per Two Wire Termination, per month | \$5,476.80 |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - per Four Wire Termination, per month | \$8,899.87 |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 |

Citizens Telecommunications Company of Utah

| | | |
|--|-------------|-----|
| - per Two Wire Termination, per month | \$5,476.80 | |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 | |
| - per Four Wire Termination, per month | \$8,899.87 | |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 | (C) |

Channel Termination (cont'd)

Citizens Telecommunications Company of New York, Inc. NY, PA (C)

| | | |
|---|--|-------------|
| - | per Two Wire Termination, per month | \$5,476.80 |
| - | per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - | per Four Wire Termination, per month | \$8,899.87 |
| - | per Four Wire Termination, nonrecurring charge | \$66,849.44 |

Citizens Telecommunications Company of the White Mountains, Inc. AZ

| | | |
|---|--|-------------|
| - | per Two Wire Termination, per month | \$5,476.80 |
| - | per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - | per Four Wire Termination, per month | \$8,899.87 |
| - | per Four Wire Termination, nonrecurring charge | \$66,849.44 |

Frontier Communications of Wisconsin, LLC

(Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941)

| | | |
|---|--|-------------|
| - | per Two Wire Termination, per month | \$5,476.80 |
| - | per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - | per Four Wire Termination, per month | \$8,899.87 |
| - | per Four Wire Termination, nonrecurring charge | \$66,849.44 |

Channel Mileage

Citizens Utilities Rural Company, Inc. AZ

| | | |
|---|--|------------|
| - | Channel Mileage Facility, per Mile, per month | \$83.51 |
| - | Channel Mileage Termination, per termination, per month | \$5,339.86 |

Citizens Telecommunications Company of California, Inc. CA

(Elk Grove study area) (OCN 2308)

| | | |
|---|--|------------|
| - | Channel Mileage Facility, per Mile, per month | \$83.51 |
| - | Channel Mileage Termination, per termination, per month | \$5,339.86 |

Citizens Telecommunications Company of Tennessee LLC

(Citizens Telecommunications Company Tennessee Study Area) (OCN 4336)

| | | |
|---|--|------------|
| - | Channel Mileage Facility, per Mile, per month | \$83.51 |
| - | Channel Mileage Termination, per termination, per month | \$5,339.86 |

Citizens Telecommunications Company of West Virginia

(Bluefield and St Mary's study areas)

| | | |
|---|--|------------|
| - | Channel Mileage Facility, per Mile, per month | \$83.51 |
| - | Channel Mileage Termination, per termination, per month | \$5,339.86 |

Citizens Telecommunications Company of Utah

| | | |
|---|--|------------|
| - | Channel Mileage Facility, per Mile, per month | \$83.51 |
| - | Channel Mileage Termination, per termination, per month | \$5,339.86 |

Citizens Telecommunications Company of New York, Inc. NY, PA

| | | |
|---|--|-------------|
| - | Channel Mileage Facility, per Mile, per month | \$83.51 (C) |
|---|--|-------------|



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Channel Mileage (cont'd)

| | |
|--|----------------|
| - Channel Mileage Termination, per termination, per month | \$5,339.86 (C) |
| Citizens Telecommunications Company of the White Mountains, Inc. AZ | |
| - Channel Mileage Facility, per Mile, per month | \$83.51 |
| - Channel Mileage Termination, per termination, per month | \$5,339.86 |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | |
| - Channel Mileage Facility, per Mile, per month | \$83.51 |
| - Channel Mileage Termination, per termination, per month | \$5,339.86 (C) |

Discontinuance Non-Recurring Charge – per Circuit all states \$975.00

Optional Features & Functions

Monthly
Rate

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.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.5 Special Access Service (Cont'd)

Digital Data Service

Service Order Charge – per Order

| | | | |
|---|--------|-------------|-----|
| Citizens Utilities Rural Company, Inc. | AZ | \$17,831.01 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$17,831.01 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$17,831.01 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$17,831.01 | |
| Citizens Telecommunications Company of Utah | UT | \$17,831.01 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$17,831.01 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$17,831.01 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$17,831.01 | |

Channel Termination – per Termination monthly rate All Speeds

| | | |
|---|--------|------------|
| Citizens Utilities Rural Company, Inc. | AZ | \$6,846.04 |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$6,846.04 |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$6,846.04 |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$6,846.04 |
| Citizens Telecommunications Company of Utah | UT | \$6,846.04 |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$6,846.04 |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$6,846.04 |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$6,846.04 |

Channel Termination-per Termination, Nonrecurring Charge – All Speeds

| | | | |
|---|--------|-------------|-----|
| Citizens Utilities Rural Company, Inc. | AZ | \$71,073.36 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$71,073.36 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$71,073.36 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$71,073.36 | |
| Citizens Telecommunications Company of Utah | UT | \$71,073.36 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$71,073.36 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$71,073.36 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$71,073.36 | |



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| <u>Channel Mileage – Channel Mileage Facility, Per Mile, Per Month 2.4 kbps</u> | | | |
|---|--------|---------|-----|
| Citizens Utilities Rural Company, Inc. | AZ | \$47.97 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$47.97 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$47.97 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$47.97 | |
| Citizens Telecommunications Company of Utah | UT | \$47.97 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$47.97 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$47.97 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$47.97 | |
| <u>Channel Mileage – Channel Mileage Facility, Per Mile, Per Month 4.8 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$47.97 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$47.97 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$47.97 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$47.97 | |
| Citizens Telecommunications Company of Utah | UT | \$47.97 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$47.97 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$47.97 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$47.97 | |
| <u>Channel Mileage – Channel Mileage Facility, Per Mile, Per Month 9.6 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$47.97 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$47.97 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$47.97 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$47.97 | |
| Citizens Telecommunications Company of Utah | UT | \$47.97 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$47.97 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$47.97 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$47.97 | |
| <u>Channel Mileage – Channel Mileage Facility, Per Mile, Per Month 19.2 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$47.97 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$47.97 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$47.97 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$47.97 | |
| Citizens Telecommunications Company of Utah | UT | \$47.97 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$47.97 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$47.97 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$47.97 | (C) |



ACCESS SERVICE

| <u>Channel Mileage – Channel Mileage Facility, Per Mile, Per Month 56 kbps</u> | | | |
|---|--------|------------|-----|
| Citizens Utilities Rural Company, Inc. | AZ | \$88.90 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$88.90 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$88.90 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$88.90 | |
| Citizens Telecommunications Company of Utah | UT | \$88.90 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$88.90 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$88.90 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$88.90 | |
| <u>Channel Mileage – Channel Mileage Facility, Per Mile, Per Month 64 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$88.90 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$88.90 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$88.90 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$88.90 | |
| Citizens Telecommunications Company of Utah | UT | \$88.90 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$88.90 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$88.90 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$88.90 | |
| <u>Channel Mileage Termination, Per Termination, per month 2.4 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$6,435.17 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$6,435.17 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$6,435.17 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$6,435.17 | |
| Citizens Telecommunications Company of Utah | UT | \$6,435.17 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$6,435.17 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$6,435.17 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$6,435.17 | |
| <u>Channel Mileage Termination, Per Termination, per month 4.8 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$6,435.17 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$6,435.17 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$6,435.17 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$6,435.17 | |
| Citizens Telecommunications Company of Utah | UT | \$6,435.17 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$6,435.17 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$6,435.17 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$6,435.17 | (C) |



ACCESS SERVICE

| <u>Channel Mileage Termination, Per Termination, per month 9.6 kbps</u> | | | |
|---|--------|------------|-----|
| Citizens Utilities Rural Company, Inc. | AZ | \$6,435.17 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$6,435.17 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$6,435.17 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$6,435.17 | |
| Citizens Telecommunications Company of Utah | UT | \$6,435.17 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$6,435.17 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$6,435.17 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$6,435.17 | |
| <u>Channel Mileage Termination, Per Termination, per month 19.2 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$6,435.17 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$6,435.17 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$6,435.17 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$6,435.17 | |
| Citizens Telecommunications Company of Utah | UT | \$6,435.17 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$6,435.17 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$6,435.17 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$6,435.17 | |
| <u>Channel Mileage Termination, Per Termination, per month 56 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$9,584.37 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$9,584.37 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$9,584.37 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$9,584.37 | |
| Citizens Telecommunications Company of Utah | UT | \$9,584.37 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$9,584.37 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$9,584.37 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$9,584.37 | |
| <u>Channel Mileage Termination, Per Termination, per month 64 kbps</u> | | | |
| Citizens Utilities Rural Company, Inc. | AZ | \$9,584.37 | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$9,584.37 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$9,584.37 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$9,584.37 | |
| Citizens Telecommunications Company of Utah | UT | \$9,584.37 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$9,584.37 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$9,584.37 | |
| Frontier Communications of Wisconsin, LLC (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$9,584.37 | (C) |



ACCESS SERVICE

| | |
|--|----------|
| <u>Discontinuance Non-Recurring Charge</u> – per Circuit | |
| All Speeds | \$975.00 |

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Rate Group #1 (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service

Citizens Utilities Rural Company, Inc. AZ

Service Order Charge – per Order

| | | | |
|---|----------------------|-------------|-----|
| - | per Order | | |
| | DS-1 - 1.544 Mbps | \$13,085.78 | (C) |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | |

Channel Termination

- per Termination, monthly rate

Competitive End User & IC CDL

| | |
|----------------------------|---------------------|
| DS1 – 1.544 Mbps | \$21,884.85 |
| DS-3 - 44.736 Mbps | \$126,777.99 |
| OC3 – 155.520 Mbps | \$438,141.18 |
| OC-3c- 155.520 Mbps | \$410,757.29 |

- per Termination, Nonrecurring Charge

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Channel Mileage

- Channel Mileage Facility,
Per mile, per month

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$1,105.27 |
| DS-3 - 44.736 Mbps | \$13,263.60 |
| OC-3 - 155.520 Mbps | \$38,337.57 |
| OC-3c - 155.520 Mbps | \$38,337.57 |

- Channel Mileage Termination,
Per termination, per month

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$21,343.36 |
| DS-3 - 44.736 Mbps | \$99,477.06 |
| OC-3 - 155.520 Mbps | \$273,838.06 |
| OC-3c - 155.520 Mbps | \$273,838.06 |

(C)



ACCESS SERVICE

Citizens Telecommunications Company of California, Inc. CA
(Elk Grove study area) (OCN 2308)

Service Order Charge – per Order

| | | | |
|---|----------------------|-------------|-----|
| - | per Order | | |
| | DS-1 - 1.544 Mbps | \$13,085.78 | (C) |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | |

Channel Termination

- per Termination, monthly rate

Competitive End User & IC CDL

| | |
|---------------------|--------------|
| DS1 – 1.544 Mbps | \$21,884.85 |
| DS-3 - 44.736 Mbps | \$126,777.99 |
| OC3 – 155.520 Mbps | \$438,141.18 |
| OC-3c- 155.520 Mbps | \$410,757.29 |

- per Termination, Nonrecurring Charge

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Channel Mileage

- Channel Mileage Facility,
Per mile, per month

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$1,105.27 |
| DS-3 - 44.736 Mbps | \$13,263.60 |
| OC-3 - 155.520 Mbps | \$38,337.57 |
| OC-3c - 155.520 Mbps | \$38,337.57 |

- Channel Mileage Termination,
Per termination, per month

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$21,343.36 |
| DS-3 - 44.736 Mbps | \$99,477.06 |
| OC-3 - 155.520 Mbps | \$273,838.06 |
| OC-3c - 155.520 Mbps | \$273,838.06 |

Citizens Telecommunications Company of Tennessee LLC TN
(Citizens Telecommunications Company Tennessee Study Area) (OCN 4336)

Service Order Charge – per Order

| | | | |
|---|----------------------|-------------|-----|
| - | per Order | | |
| | DS-1 - 1.544 Mbps | \$13,085.78 | |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | (C) |



ACCESS SERVICE

Channel Termination

- per Termination, monthly rate

Competitive End User & IC CDL

| | | |
|---------------------|--------------|-----|
| DS1 – 1.544 Mbps | \$21,884.85 | (C) |
| DS-3 - 44.736 Mbps | \$126,777.99 | |
| OC3 – 155.520 Mbps | \$438,141.18 | |
| OC-3c- 155.520 Mbps | \$410,757.29 | |

- per Termination, Nonrecurring Charge

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Channel Mileage

- Channel Mileage Facility,
Per mile, per month

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$1,105.27 |
| DS-3 - 44.736 Mbps | \$13,263.60 |
| OC-3 - 155.520 Mbps | \$38,337.57 |
| OC-3c - 155.520 Mbps | \$38,337.57 |

- Channel Mileage Termination,
Per termination, per month

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$21,343.36 |
| DS-3 - 44.736 Mbps | \$99,477.06 |
| OC-3 - 155.520 Mbps | \$273,838.06 |
| OC-3c - 155.520 Mbps | \$273,838.06 |

Citizens Telecommunications Company of West Virginia WV
(Bluefield and St Mary's study areas)

Service Order Charge – per Order

- per Order

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$13,085.78 |
| DS-3 - 44.736 Mbps | \$41,700.01 |
| OC-3 - 155.520 Mbps | \$56,821.47 |
| OC-3c - 155.520 Mbps | \$56,821.47 |

Channel Termination

- per Termination, monthly rate

Competitive End User & IC CDL

| | |
|---------------------|--------------|
| DS1 – 1.544 Mbps | \$21,884.85 |
| DS-3 - 44.736 Mbps | \$126,777.99 |
| OC3 – 155.520 Mbps | \$438,141.18 |
| OC-3c- 155.520 Mbps | \$410,757.29 |

- per Termination, Nonrecurring Charge

| | | |
|----------------------|--------------|-----|
| DS-1 - 1.544 Mbps | \$70,337.25 | |
| DS-3 - 44.736 Mbps | \$342,643.11 | |
| OC-3 - 155.520 Mbps | \$492,908.76 | |
| OC-3c - 155.520 Mbps | \$492,908.76 | (C) |



ACCESS SERVICE

Channel Mileage

| | | | |
|---|--|--------------|-----|
| - | Channel Mileage Facility, Per mile, per month | | |
| | DS-1 - 1.544 Mbps | \$1,105.27 | (C) |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| - | Channel Mileage Termination, Per termination, per month | | |
| | DS-1 - 1.544 Mbps | \$21,343.36 | |
| | DS-3 - 44.736 Mbps | \$99,477.06 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | |

Citizens Telecommunications Company of Utah

Service Order Charge – per Order

| | | |
|---|----------------------|-------------|
| - | per Order | |
| | DS-1 - 1.544 Mbps | \$13,085.78 |
| | DS-3 - 44.736 Mbps | \$41,700.01 |
| | OC-3 - 155.520 Mbps | \$56,821.47 |
| | OC-3c - 155.520 Mbps | \$56,821.47 |

Channel Termination

| | | |
|---|--|--------------|
| - | per Termination, monthly rate | |
| | <u>Competitive End User & IC CDL</u> | |
| | DS1 – 1.544 Mbps | \$21,884.85 |
| | DS-3 - 44.736 Mbps | \$126,777.99 |
| | OC3 – 155.520 Mbps | \$438,141.18 |
| | OC-3c- 155.520 Mbps | \$410,757.29 |
| - | per Termination, Nonrecurring Charge | |
| | DS-1 - 1.544 Mbps | \$70,337.25 |
| | DS-3 - 44.736 Mbps | \$342,643.11 |
| | OC-3 - 155.520 Mbps | \$492,908.76 |
| | OC-3c - 155.520 Mbps | \$492,908.76 |

Channel Mileage

| | | | |
|---|--|--------------|-----|
| - | Channel Mileage Facility, Per mile, per month | | |
| | DS-1 - 1.544 Mbps | \$1,105.27 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| - | Channel Mileage Termination, Per termination, per month | | |
| | DS-1 - 1.544 Mbps | \$21,343.36 | |
| | DS-3 - 44.736 Mbps | \$99,477.06 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | (C) |



ACCESS SERVICE

Citizens Telecommunications Company of New York, Inc. NY, PA

Service Order Charge – per Order

| | | | |
|-------------|----------------------|-------------|-----|
| - per Order | | | |
| | DS-1 - 1.544 Mbps | \$13,085.78 | (C) |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | |

Channel Termination

- per Termination, monthly rate

Competitive End User & IC CDL

| | | | |
|---|--------------------------------------|--------------|--|
| | DS1 – 1.544 Mbps | \$21,884.85 | |
| | DS-3 - 44.736 Mbps | \$126,777.99 | |
| | OC3 – 155.520 Mbps | \$438,141.18 | |
| | OC-3c- 155.520 Mbps | \$410,757.29 | |
| - | per Termination, Nonrecurring Charge | | |
| | DS-1 - 1.544 Mbps | \$70,337.25 | |
| | DS-3 - 44.736 Mbps | \$342,643.11 | |
| | OC-3 - 155.520 Mbps | \$492,908.76 | |
| | OC-3c - 155.520 Mbps | \$492,908.76 | |

Channel Mileage

- Channel Mileage Facility,

Per mile, per month

| | | | |
|---|------------------------------|--------------|--|
| | DS-1 - 1.544 Mbps | \$1,105.27 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| - | Channel Mileage Termination, | | |
| | Per termination, per month | | |
| | DS-1 - 1.544 Mbps | \$21,343.36 | |
| | DS-3 - 44.736 Mbps | \$99,477.06 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | |

Citizens Telecommunications Company of the White Mountains, Inc. AZ

Service Order Charge – per Order

| | | | |
|-------------|----------------------|-------------|--|
| - per Order | | | |
| | DS-1 - 1.544 Mbps | \$13,085.78 | |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | |

Channel Termination

- per Termination, monthly rate

Competitive End User & IC CDL

| | | | |
|--|---------------------|--------------|-----|
| | DS1 – 1.544 Mbps | \$21,884.85 | |
| | DS-3 - 44.736 Mbps | \$126,777.99 | |
| | OC3 – 155.520 Mbps | \$438,141.18 | |
| | OC-3c- 155.520 Mbps | \$410,757.29 | (C) |



ACCESS SERVICE

| | | | |
|---|--|--------------|-----|
| - | per Termination, Nonrecurring Charge | | |
| | DS-1 - 1.544 Mbps | \$70,337.25 | (C) |
| | DS-3 - 44.736 Mbps | \$342,643.11 | |
| | OC-3 - 155.520 Mbps | \$492,908.76 | |
| | OC-3c - 155.520 Mbps | \$492,908.76 | |
| | <u>Channel Mileage</u> | | |
| - | Channel Mileage Facility, Per mile, per month | | |
| | DS-1 - 1.544 Mbps | \$1,105.27 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| - | Channel Mileage Termination, Per termination, per month | | |
| | DS-1 - 1.544 Mbps | \$21,343.36 | |
| | DS-3 - 44.736 Mbps | \$99,477.06 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | |

Frontier Communications of Wisconsin, LLC WI
(Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941)

| | | |
|---|---|-------------|
| | <u>Service Order Charge – per Order</u> | |
| - | per Order | |
| | DS-1 - 1.544 Mbps | \$13,085.78 |
| | DS-3 - 44.736 Mbps | \$41,700.01 |
| | OC-3 - 155.520 Mbps | \$56,821.47 |
| | OC-3c - 155.520 Mbps | \$56,821.47 |

| | | |
|---|--|--------------|
| | <u>Channel Termination</u> | |
| - | per Termination, monthly rate | |
| | <u>Competitive End User & IC CDL</u> | |
| | DS1 – 1.544 Mbps | \$21,884.85 |
| | DS-3 - 44.736 Mbps | \$126,777.99 |
| | OC3 – 155.520 Mbps | \$438,141.18 |
| | OC-3c- 155.520 Mbps | \$410,757.29 |

| | | |
|---|--------------------------------------|--------------|
| - | per Termination, Nonrecurring Charge | |
| | DS-1 - 1.544 Mbps | \$70,337.25 |
| | DS-3 - 44.736 Mbps | \$342,643.11 |
| | OC-3 - 155.520 Mbps | \$492,908.76 |
| | OC-3c - 155.520 Mbps | \$492,908.76 |

| | | | |
|---|--|-------------|-----|
| | <u>Channel Mileage</u> | | |
| - | Channel Mileage Facility, Per mile, per month | | |
| | DS-1 - 1.544 Mbps | \$1,105.27 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | (C) |



ACCESS SERVICE

Channel Mileage Termination,

Per termination, per month

| | | |
|----------------------|--------------|-----|
| DS-1 - 1.544 Mbps | \$21,343.36 | (C) |
| DS-3 - 44.736 Mbps | \$99,477.06 | |
| OC-3 - 155.520 Mbps | \$273,838.06 | |
| OC-3c - 155.520 Mbps | \$273,838.06 | (C) |

Discontinuance Non-Recurring Charge – per Circuit all states

| | |
|----------------------|----------|
| DS-1 - 1.544 Mbps | \$975.00 |
| DS-3 - 44.736 Mbps | \$975.00 |
| OC-3 - 155.520 Mbps | \$975.00 |
| OC-3c - 155.520 Mbps | \$975.00 |

* Material filed with Transmittal 88 with effective date of 8/1/2018



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Rate Group #1 (Cont'd)20.1.5 Special Access Service (Cont'd)High Capacity Service (Cont'd)Optional Features and Functions

Citizens Utilities Rural Company, Inc. AZ

Multiplexing

| | | | | |
|---|---------------------|--------------|--|-----|
| - | OC-3 to DS-3 | | | |
| | per month | \$170,170.84 | | |
| | Nonrecurring Charge | \$147,141.07 | | (C) |
| - | OC-3 to DS-1 | | | |
| | per month | \$204,205.14 | | |
| | Nonrecurring Charge | \$147,141.07 | | |
| - | DS-3 to DS-1 | | | |
| | per month | \$140,674.76 | | |
| | Nonrecurring Charge | \$130,324.95 | | |
| - | DS-1 to Voice | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | | |
| - | DS-1 to DS0 | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | | |

Citizens Telecommunications Company of California, Inc. CA
(Elk Grove study area) (OCN 2308)Multiplexing

| | | | | |
|---|---------------------|--------------|--|-----|
| - | OC-3 to DS-3 | | | |
| | per month | \$170,170.84 | | |
| | Nonrecurring Charge | \$147,141.07 | | |
| - | OC-3 to DS-1 | | | |
| | per month | \$204,205.14 | | |
| | Nonrecurring Charge | \$147,141.07 | | |
| - | DS-3 to DS-1 | | | |
| | per month | \$140,674.76 | | |
| | Nonrecurring Charge | \$130,324.95 | | |
| - | DS-1 to Voice | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | | |
| - | DS-1 to DS0 | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | | (C) |



ACCESS SERVICE

Citizens Telecommunications Company of Tennessee LLC TN
(Citizens Telecommunications Company Tennessee Study Area) (OCN 4336)

Multiplexing

| | | | | |
|---|---------------------|--------------|-----|--|
| - | OC-3 to DS-3 | | | |
| | per month | \$170,170.84 | (C) | |
| | Nonrecurring Charge | \$147,141.07 | | |
| - | OC-3 to DS-1 | | | |
| | per month | \$204,205.14 | | |
| | Nonrecurring Charge | \$147,141.07 | | |
| - | DS-3 to DS-1 | | | |
| | per month | \$140,674.76 | | |
| | Nonrecurring Charge | \$130,324.95 | | |
| - | DS-1 to Voice | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | | |
| - | DS-1 to DS0 | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | | |

Citizens Telecommunications Company of West Virginia WV
(Bluefield and St Mary's study areas)

Multiplexing

| | | | | |
|---|---------------------|--------------|-----|--|
| - | OC-3 to DS-3 | | | |
| | per month | \$170,170.84 | | |
| | Nonrecurring Charge | \$147,141.07 | | |
| - | OC-3 to DS-1 | | | |
| | per month | \$204,205.14 | | |
| | Nonrecurring Charge | \$147,141.07 | | |
| - | DS-3 to DS-1 | | | |
| | per month | \$140,674.76 | | |
| | Nonrecurring Charge | \$130,324.95 | | |
| - | DS-1 to Voice | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | | |
| - | DS-1 to DS0 | | | |
| | per month | \$26,225.92 | | |
| | Nonrecurring Charge | \$41,901.03 | (C) | |



ACCESS SERVICE

Citizens Telecommunications Company of Utah UT

Multiplexing

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | (C) |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | |
| - | DS-1 to DS0 | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | |

Citizens Telecommunications Company of New York, Inc. NY, PA

Multiplexing

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | |
| - | DS-1 to DS0 | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | (C) |



ACCESS SERVICE

Citizens Telecommunications Company of the White Mountains, Inc. AZ

Multiplexing

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | (C) |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | |
| - | DS-1 to DS0 | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | |

Frontier Communications of Wisconsin, LLC
(Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941)

WI

Multiplexing

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | |
| - | DS-1 to DS0 | | |
| | per month | \$26,225.92 | |
| | Nonrecurring Charge | \$41,901.03 | (C) |



ACCESS SERVICE

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

Clear Channel Capability, per DS1 circuit arranged Nonrecurring Charge:

| | | | |
|---|--------|-------------|-----|
| Citizens Utilities Rural Company, Inc. | AZ | \$54,078.40 | (C) |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | CA | \$54,078.40 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | TN | \$54,078.40 | |
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | \$54,078.40 | |
| Citizens Telecommunications Company of Utah | UT | \$54,078.40 | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | \$54,078.40 | |
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | \$54,078.40 | |
| Frontier Communications of Wisconsin, LLC (Rhineland Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | WI | \$54,078.40 | (C) |

* 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.



ACCESS SERVICE

| | | | | |
|---|--|-------------|-----|--|
| 20. | <u>Rates and Charges (Cont'd)</u> | | | |
| 20.1 | <u>Rate Group #1 (Cont'd)</u> | | | |
| 20.1.5 | <u>Special Access Service (Cont'd)</u> | | | |
| | <u>High Capacity Service (Cont'd)</u> | | | |
| Citizens Utilities Rural Company, Inc. | | AZ | | |
| | <u>DS1- Optional Payment Plan #</u> | | | |
| | Term: Five Years # | | | |
| | Monthly Rate | \$97,467.32 | (C) | |
| | Nonrecurring Charge | \$90,433.65 | | |
| | <u>DS1- Term Payment Plan*(2) #</u> | | | |
| | Nonrecurring Charge | \$45,216.86 | | |
| | One Year Monthly Rates | \$18,086.69 | | |
| | Two Year Monthly Rates | \$17,081.91 | | |
| | Three Year Monthly Rates | \$16,077.13 | | |
| | Five Year Monthly Rates | \$14,067.54 | (C) | |
| Citizens Telecommunications Company of California, Inc. (Elk Grove study area) (OCN 2308) | | CA | | |
| | <u>DS1- Optional Payment Plan #</u> | | | |
| | Term: Five Years # | | | |
| | Monthly Rate | \$97,467.32 | (C) | |
| | Nonrecurring Charge | \$90,433.65 | | |
| | <u>DS1- Term Payment Plan*(2) #</u> | | | |
| | Nonrecurring Charge | \$45,216.86 | | |
| | One Year Monthly Rates | \$18,086.69 | | |
| | Two Year Monthly Rates | \$17,081.91 | | |
| | Three Year Monthly Rates | \$16,077.13 | | |
| | Five Year Monthly Rates | \$14,067.54 | (C) | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Tennessee Study Area) (OCN 4336) | | TN | | |
| | <u>DS1- Optional Payment Plan #</u> | | | |
| | Term: Five Years # | | | |
| | Monthly Rate | \$97,467.32 | (C) | |
| | Nonrecurring Charge | \$90,433.65 | | |
| | <u>DS1- Term Payment Plan*(2) #</u> | | | |
| | Nonrecurring Charge | \$45,216.86 | | |
| | One Year Monthly Rates | \$18,086.69 | | |
| | Two Year Monthly Rates | \$17,081.91 | | |
| | Three Year Monthly Rates | \$16,077.13 | | |
| | Five Year Monthly Rates | \$14,067.54 | (C) | |

Effective November 19, 2021, DS1 Optional Payment Plans and DS1 Term Payment Plans are no longer permitted. DS1 Optional Payment Plans and DS1 Term Payment Plans in effect as of November 19, 2021 may continue the existing term but will not be eligible to extend, renew, reenroll in, convert to a new term period, or in any other way continue beyond its current expiration. At expiration of either Payment Plan, the service will convert to the Month to Month Rate. If at any time an existing customer terminates its DS1 Optional Payment and/or DS1 Term Payment Plan, the customer may not re-subscribe to the rate.

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



ACCESS SERVICE

| | | | |
|---|-------------|-----|--|
| Citizens Telecommunications Company of West Virginia (Bluefield and St Mary's study areas) | WV | | |
| <u>DS1- Optional Payment Plan #</u> | | | |
| Term: Five Years # | | | |
| Monthly Rate | \$97,467.32 | (C) | |
| Nonrecurring Charge | \$90,433.65 | | |
| <u>DS1- Term Payment Plan*(2) #</u> | | | |
| Nonrecurring Charge | \$45,216.86 | | |
| One Year Monthly Rates | \$18,086.69 | | |
| Two Year Monthly Rates | \$17,081.91 | | |
| Three Year Monthly Rates | \$16,077.13 | | |
| Five Year Monthly Rates | \$14,067.54 | (C) | |
| Citizens Telecommunications Company of Utah | UT | | |
| <u>DS1- Optional Payment Plan #</u> | | | |
| Term: Five Years # | | | |
| Monthly Rate | \$97,467.32 | (C) | |
| Nonrecurring Charge | \$90,433.65 | | |
| <u>DS1- Term Payment Plan*(2) #</u> | | | |
| Nonrecurring Charge | \$45,216.86 | | |
| One Year Monthly Rates | \$18,086.69 | | |
| Two Year Monthly Rates | \$17,081.91 | | |
| Three Year Monthly Rates | \$16,077.13 | | |
| Five Year Monthly Rates | \$14,067.54 | (C) | |
| Citizens Telecommunications Company of New York, Inc. | NY, PA | | |
| <u>DS1- Optional Payment Plan #</u> | | | |
| Term: Five Years # | | | |
| Monthly Rate | \$97,467.32 | (C) | |
| Nonrecurring Charge | \$90,433.65 | | |
| <u>DS1- Term Payment Plan*(2) #</u> | | | |
| Nonrecurring Charge | \$45,216.86 | | |
| One Year Monthly Rates | \$18,086.69 | | |
| Two Year Monthly Rates | \$17,081.91 | | |
| Three Year Monthly Rates | \$16,077.13 | | |
| Five Year Monthly Rates | \$14,067.54 | (C) | |

Effective November 19, 2021, DS1 Optional Payment Plans and DS1 Term Payment Plans are no longer permitted. DS1 Optional Payment Plans and DS1 Term Payment Plans in effect as of November 19, 2021 may continue the existing term but will not be eligible to extend, renew, reenroll in, convert to a new term period, or in any other way continue beyond its current expiration. At expiration of either Payment Plan, the service will convert to the Month to Month Rate. If at any time an existing customer terminates its DS1 Optional Payment and/or DS1 Term Payment Plan, the customer may not re-subscribe to the rate.

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



ACCESS SERVICE

| | | | |
|---|-------------|-----|--|
| Citizens Telecommunications Company of the White Mountains, Inc. | AZ | | |
| <u>DS1- Optional Payment Plan #</u> | | | |
| Term: Five Years # | | | |
| Monthly Rate | \$97,467.32 | (C) | |
| Nonrecurring Charge | \$90,433.65 | | |
| <u>DS1- Term Payment Plan*(2) #</u> | | | |
| Nonrecurring Charge | \$45,216.86 | | |
| One Year Monthly Rates | \$18,086.69 | | |
| Two Year Monthly Rates | \$17,081.91 | | |
| Three Year Monthly Rates | \$16,077.13 | | |
| Five Year Monthly Rates | \$14,067.54 | (C) | |
| Frontier Communications of Wisconsin, LLC | WI | | |
| (Rhinelander Telephone Study Area) (OCN 0870, 0891, 0940, 0941) | | | |
| <u>DS1- Optional Payment Plan #</u> | | | |
| Term: Five Years # | | | |
| Monthly Rate | \$97,467.32 | (C) | |
| Nonrecurring Charge | \$90,433.65 | | |
| <u>DS1- Term Payment Plan*(2) #</u> | | | |
| Nonrecurring Charge | \$45,216.86 | | |
| One Year Monthly Rates | \$18,086.69 | | |
| Two Year Monthly Rates | \$17,081.91 | | |
| Three Year Monthly Rates | \$16,077.13 | | |
| Five Year Monthly Rates | \$14,067.54 | (C) | |
| <u>Discontinuance Non-Recurring Charge Per Circuit – All States</u> | | | |
| DS1 - Optional Payment Plan # | \$975.00 | | |
| DS1 - Term Payment Plan *(2) # | \$975.00 | | |

Effective November 19, 2021, DS1 Optional Payment Plans and DS1 Term Payment Plans are no longer permitted. DS1 Optional Payment Plans and DS1 Term Payment Plans in effect as of November 19, 2021 may continue the existing term but will not be eligible to extend, renew, reenroll in, convert to a new term period, or in any other way continue beyond its current expiration. At expiration of either Payment Plan, the service will convert to the Month to Month Rate. If at any time an existing customer terminates its DS1 Optional Payment and/or DS1 Term Payment Plan, the customer may not re-subscribe to the rate.

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



ACCESS SERVICE

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

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

| <u>Service Date Change Charge</u> | <u>Nonrecurring Charge</u> |
|-----------------------------------|----------------------------|
| - Per Order | \$50.00 |

Design Change Charge – Per order Per occurrence

| | | | |
|---|------------|------------|-----|
| Citizens Telecommunications Company of West Virginia (Mountain State study area) | WV | \$3,191.30 | (C) |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | TN | \$3,191.30 | |
| Navajo Communications Company | AZ, NM, UT | \$3,191.30 | |
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | CA | \$3,191.30 | |
| Citizens Telecommunications Company of Nevada | NV | \$3,191.30 | |

Cancellation Charge – per order

| | | | |
|---|------------|-------------|-----|
| Citizens Telecommunications Company of West Virginia (Mountain State study area) | WV | \$35,190.55 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | TN | \$35,190.55 | |
| Navajo Communications Company | AZ, NM, UT | \$35,190.55 | |
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | CA | \$35,190.55 | |
| Citizens Telecommunications Company of Nevada | NV | \$35,190.55 | (C) |

Expedited Order Charge

| | |
|--------------------------------|----------|
| - Per Order, per day expedited | \$300.00 |
|--------------------------------|----------|



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service (Cont'd)Voice Grade ServiceService Order Charge - per order

| | | | |
|---|----|-------------|-----|
| Citizens Telecommunications Company of West Virginia (Mountain State study area) | WV | \$17,831.01 | (C) |
|---|----|-------------|-----|

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | TN | \$17,831.01 | |
|---|----|-------------|--|

| | | | |
|-------------------------------|------------|-------------|--|
| Navajo Communications Company | AZ, NM, UT | \$17,831.01 | |
|-------------------------------|------------|-------------|--|

| | | | |
|--|----|-------------|--|
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | CA | \$17,831.01 | |
|--|----|-------------|--|

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of Nevada | NV | \$17,831.01 | |
|---|----|-------------|--|

Channel Termination

| | | | |
|--|--|--|--|
| Citizens Telecommunications Company of West Virginia WV (Mountain State study area) | | | |
|--|--|--|--|

| | |
|--|-------------|
| - per Two Wire Termination, per month | \$7,657.88 |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - per Four Wire Termination, per month | \$9,447.57 |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 |

| | | | |
|---|----|--|--|
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | TN | | |
|---|----|--|--|

| | |
|--|-------------|
| - per Two Wire Termination, per month | \$7,657.88 |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - per Four Wire Termination, per month | \$9,447.57 |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 |

| | | | |
|--|-------------|--|--|
| Navajo Communications Company | AZ, NM, UT | | |
| - per Two Wire Termination, per month | \$7,657.88 | | |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 | | |
| - per Four Wire Termination, per month | \$9,447.57 | | |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 | | |

| | | | |
|--|-------------|--|--|
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | CA | | |
| - per Two Wire Termination, per month | \$7,657.88 | | |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 | | |
| - per Four Wire Termination, per month | \$9,447.57 | | |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 | | |

| | | | |
|--|-------------|-----|--|
| Citizens Telecommunications Company of Nevada | NV | | |
| - per Two Wire Termination, per month | \$7,657.88 | | |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 | | |
| - per Four Wire Termination, per month | \$9,447.57 | | |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 | (C) | |

ACCESS SERVICE

| | | |
|--|-------------|-----|
| 20. Rates and Charges (Cont'd) | | |
| 20.2 Rate Group #2 (Cont'd) | | |
| 20.2.5 Special Access Service (Cont'd) | | |
| Channel Mileage | | |
| Citizens Telecommunications Company of West Virginia WV (Mountain State study area) | | (C) |
| - Channel Mileage Facility, per Mile, per month | \$39.78 | |
| - Channel Mileage Termination, per termination, per month | \$4,107.58 | |
| Citizens Telecommunications Company of Tennessee LLC TN (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | | |
| - Channel Mileage Facility, per Mile, per month | \$39.78 | |
| - Channel Mileage Termination, per termination, per month | \$4,107.58 | |
| Navajo Communications Company AZ, NM, UT | | |
| - Channel Mileage Facility, per Mile, per month | \$39.78 | |
| - Channel Mileage Termination, per termination, per month | \$4,107.58 | |
| Citizens Telecommunications Company of California CA (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | | |
| - Channel Mileage Facility, per Mile, per month | \$39.78 | |
| - Channel Mileage Termination, per termination, per month | \$4,107.58 | |
| Citizens Telecommunications Company of Nevada NV | | |
| - Channel Mileage Facility, per Mile, per month | \$39.78 | |
| - Channel Mileage Termination, per termination, per month | \$4,107.58 | (C) |
| Discontinuance Non-Recurring Charge – per Circuit all states | \$975.00 | |
| | Monthly | |
| | Rate | |
| Optional Features & Functions | | |
| 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.



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service (Cont'd)
Digital Data ServiceService Order Charge – per order

| | | | |
|---|----|-------------|-----|
| Citizens Telecommunications Company of West Virginia (Mountain State study area) | WV | \$17,835.06 | (C) |
|---|----|-------------|-----|

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | TN | \$17,835.06 | |
|---|----|-------------|--|

| | | | |
|-------------------------------|------------|-------------|--|
| Navajo Communications Company | AZ, NM, UT | \$17,835.06 | |
|-------------------------------|------------|-------------|--|

| | | | |
|--|----|-------------|--|
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | CA | \$17,835.06 | |
|--|----|-------------|--|

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of Nevada | NV | \$17,835.06 | |
|---|----|-------------|--|

Channel Termination – per termination monthly rate – all speeds

| | | | |
|---|----|------------|--|
| Citizens Telecommunications Company of West Virginia (Mountain State study area) | WV | \$9,686.76 | |
|---|----|------------|--|

| | | | |
|---|----|------------|--|
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | TN | \$9,686.76 | |
|---|----|------------|--|

| | | | |
|-------------------------------|------------|------------|--|
| Navajo Communications Company | AZ, NM, UT | \$9,686.76 | |
|-------------------------------|------------|------------|--|

| | | | |
|--|----|------------|--|
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | CA | \$9,686.76 | |
|--|----|------------|--|

| | | | |
|---|----|------------|--|
| Citizens Telecommunications Company of Nevada | NV | \$9,686.76 | |
|---|----|------------|--|

Channel Termination -per Termination, Nonrecurring Charge – All speeds

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of West Virginia (Mountain State study area) | WV | \$71,089.69 | |
|---|----|-------------|--|

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | TN | \$71,089.69 | |
|---|----|-------------|--|

| | | | |
|-------------------------------|------------|-------------|--|
| Navajo Communications Company | AZ, NM, UT | \$71,089.69 | |
|-------------------------------|------------|-------------|--|

| | | | |
|--|----|-------------|--|
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | CA | \$71,089.69 | |
|--|----|-------------|--|

| | | | |
|---|----|-------------|-----|
| Citizens Telecommunications Company of Nevada | NV | \$71,089.69 | (C) |
|---|----|-------------|-----|



ACCESS SERVICE

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

Channel Mileage – Channel Mileage Facility, Per mile, Per month

(C)

Citizens Telecommunications Company of West Virginia
(Mountain State study area)

WV

| | |
|-----------|---------|
| 2.4 kbps | \$47.97 |
| 4.8 kbps | \$47.97 |
| 9.6 kbps | \$47.97 |
| 19.2 kbps | \$47.97 |
| 56.0 kbps | \$88.90 |
| 64.0 kbps | \$88.90 |

Citizens Telecommunications Company of Tennessee LLC

TN

(Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577)

| | |
|-----------|---------|
| 2.4 kbps | \$47.97 |
| 4.8 kbps | \$47.97 |
| 9.6 kbps | \$47.97 |
| 19.2 kbps | \$47.97 |
| 56.0 kbps | \$88.90 |
| 64.0 kbps | \$88.90 |

Navajo Communications Company

AZ, NM, UT

| | |
|-----------|---------|
| 2.4 kbps | \$47.97 |
| 4.8 kbps | \$47.97 |
| 9.6 kbps | \$47.97 |
| 19.2 kbps | \$47.97 |
| 56.0 kbps | \$88.90 |
| 64.0 kbps | \$88.90 |

Citizens Telecommunications Company of California
(Golden State and Tuolumne study areas) (OCNs 3402, 2342)

CA

| | |
|-----------|---------|
| 2.4 kbps | \$47.97 |
| 4.8 kbps | \$47.97 |
| 9.6 kbps | \$47.97 |
| 19.2 kbps | \$47.97 |
| 56.0 kbps | \$88.90 |
| 64.0 kbps | \$88.90 |

Citizens Telecommunications Company of Nevada

NV

| | |
|-----------|---------|
| 2.4 kbps | \$47.97 |
| 4.8 kbps | \$47.97 |
| 9.6 kbps | \$47.97 |
| 19.2 kbps | \$47.97 |
| 56.0 kbps | \$88.90 |
| 64.0 kbps | \$88.90 |

(C)



ACCESS SERVICE

| | | | | |
|---|---|------------|------------|-----|
| 20. | <u>Rates and Charges (Cont'd)</u> | | | |
| 20.2 | <u>Rate Group #2 (Cont'd)</u> | | | |
| 20.2.5 | <u>Special Access Service (Cont'd)</u> | | | |
| | <u>Digital Data Service</u> | | | |
| Citizens Telecommunications Company of West Virginia | | WV | | (C) |
| (Mountain State study area) | | | | |
| | <u>Channel Mileage - Channel Mileage Termination,Per termination, per month</u> | | | |
| | 2.4 kbps | | \$5,271.42 | |
| | 4.8 kbps | | \$5,271.42 | |
| | 9.6 kbps | | \$5,271.42 | |
| | 19.2 kbps | | \$5,271.42 | |
| | 56.0 kbps | | \$8,899.87 | |
| | 64.0 kbps | | \$8,899.87 | |
| Citizens Telecommunications Company of Tennessee LLC | | TN | | |
| (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | | | | |
| | <u>Channel Mileage - Channel Mileage Termination,Per termination, per month</u> | | | |
| | 2.4 kbps | | \$5,271.42 | |
| | 4.8 kbps | | \$5,271.42 | |
| | 9.6 kbps | | \$5,271.42 | |
| | 19.2 kbps | | \$5,271.42 | |
| | 56.0 kbps | | \$8,899.87 | |
| | 64.0 kbps | | \$8,899.87 | |
| Navajo Communications Company | | AZ, NM, UT | | |
| | <u>Channel Mileage - Channel Mileage Termination,Per termination, per month</u> | | | |
| | 2.4 kbps | | \$5,271.42 | |
| | 4.8 kbps | | \$5,271.42 | |
| | 9.6 kbps | | \$5,271.42 | |
| | 19.2 kbps | | \$5,271.42 | |
| | 56.0 kbps | | \$8,899.87 | |
| | 64.0 kbps | | \$8,899.87 | |
| Citizens Telecommunications Company of California | | CA | | |
| (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | | | | |
| | <u>Channel Mileage - Channel Mileage Termination,Per termination, per month</u> | | | |
| | 2.4 kbps | | \$5,271.42 | |
| | 4.8 kbps | | \$5,271.42 | |
| | 9.6 kbps | | \$5,271.42 | |
| | 19.2 kbps | | \$5,271.42 | |
| | 56.0 kbps | | \$8,899.87 | |
| | 64.0 kbps | | \$8,899.87 | |
| Citizens Telecommunications Company of Nevada | | NV | | |
| | <u>Channel Mileage - Channel Mileage Termination,Per termination, per month</u> | | | |
| | 2.4 kbps | | \$5,271.42 | |
| | 4.8 kbps | | \$5,271.42 | |
| | 9.6 kbps | | \$5,271.42 | |
| | 19.2 kbps | | \$5,271.42 | |
| | 56.0 kbps | | \$8,899.87 | |
| | 64.0 kbps | | \$8,899.87 | (C) |
| | <u>Discontinuance Non-Recurring Charge – per Circuit – all states</u> | | | |
| | All Speeds | | \$975.00 | |



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service (Cont'd)
High Capacity ServiceService Order Charge- - per OrderCitizens Telecommunications Company of West Virginia WV
(Mountain State Study Area)

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$13,121.96 |
| DS-3 - 44.736 Mbps | \$41,700.01 |
| OC-3 - 155.520 Mbps | \$56,821.47 |
| OC-3c - 155.520 Mbps | \$56,821.47 |

(C)

Citizens Telecommunications Company of Tennessee LLC TN
(Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577)

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$13,121.96 |
| DS-3 - 44.736 Mbps | \$41,700.01 |
| OC-3 - 155.520 Mbps | \$56,821.47 |
| OC-3c - 155.520 Mbps | \$56,821.47 |

Navajo Communications Company AZ, NM, UT

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$13,121.96 |
| DS-3 - 44.736 Mbps | \$41,700.01 |
| OC-3 - 155.520 Mbps | \$56,821.47 |
| OC-3c - 155.520 Mbps | \$56,821.47 |

Citizens Telecommunications Company of California CA
(Golden State and Tuolumne study areas) (OCNs 3402, 2342)

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$13,121.96 |
| DS-3 - 44.736 Mbps | \$41,700.01 |
| OC-3 - 155.520 Mbps | \$56,821.47 |
| OC-3c - 155.520 Mbps | \$56,821.47 |

Citizens Telecommunications Company of Nevada NV

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$13,121.96 |
| DS-3 - 44.736 Mbps | \$41,700.01 |
| OC-3 - 155.520 Mbps | \$56,821.47 |
| OC-3c - 155.520 Mbps | \$56,821.47 |

Channel Termination – per Termination, monthly rateCompetitive End User & IC CDLCitizens Telecommunications Company of West Virginia WV
(Mountain State Study Area)

| | |
|----------------------|--------------|
| DS-1 1.544 Mbps | \$19,342.73 |
| DS-3 - 44.736 Mbps | \$154,742.17 |
| OC-3 - 155.520 Mbps | \$438,141.18 |
| OC-3c - 155.520 Mbps | \$410,757.29 |

Citizens Telecommunications Company of Tennessee LLC TN
(Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577)

| | |
|----------------------|--------------|
| DS-1 1.544 Mbps | \$19,342.73 |
| DS-3 - 44.736 Mbps | \$154,742.17 |
| OC-3 - 155.520 Mbps | \$438,141.18 |
| OC-3c - 155.520 Mbps | \$410,757.29 |

Navajo Communications Company AZ, NM, UT

| | |
|----------------------|--------------|
| DS-1 1.544 Mbps | \$19,342.73 |
| DS-3 - 44.736 Mbps | \$154,742.17 |
| OC-3 - 155.520 Mbps | \$438,141.18 |
| OC-3c - 155.520 Mbps | \$410,757.29 |

(C)



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service (Cont'd)High Capacity ServiceChannel Termination – per Termination, monthly rateCompetitive End User & IC CDL(cont'd)

Citizens Telecommunications Company of California CA (C)
(Golden State and Tuolumne study areas) (OCNs 3402, 2342)

| | |
|----------------------|--------------|
| DS-1 1.544 Mbps | \$19,342.73 |
| DS-3 - 44.736 Mbps | \$154,742.17 |
| OC-3 - 155.520 Mbps | \$438,141.18 |
| OC-3c - 155.520 Mbps | \$410,757.29 |

Citizens Telecommunications Company of Nevada NV

| | |
|----------------------|--------------|
| DS-1 1.544 Mbps | \$19,342.73 |
| DS-3 - 44.736 Mbps | \$154,742.17 |
| OC-3 - 155.520 Mbps | \$438,141.18 |
| OC-3c - 155.520 Mbps | \$410,757.29 |

Channel Termination - per Termination, Nonrecurring Charge

Citizens Telecommunications Company of West Virginia WV
(Mountain State Study Area)

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Citizens Telecommunications Company of Tennessee LLC TN
(Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577)

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Navajo Communications Company AZ, NM, UT

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Citizens Telecommunications Company of California CA
(Golden State and Tuolumne study areas) (OCNs 3402, 2342)

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Citizens Telecommunications Company of Nevada NV

| | |
|----------------------|------------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 (C) |



ACCESS SERVICE

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

| <u>Channel Mileage - Channel Mileage Facility, Per Mile, per month</u> | | | |
|---|----------------------|--------------|------------|
| Citizens Telecommunications Company of West Virginia WV (Mountain State Study Area) | | | (C) |
| | DS-1 - 1.544 Mbps | \$773.68 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | | | TN |
| | DS-1 - 1.544 Mbps | \$773.68 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| Navajo Communications Company | | | AZ, NM, UT |
| | DS-1 - 1.544 Mbps | \$773.68 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| Citizens Telecommunications Company of California (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | | | CA |
| | DS-1 - 1.544 Mbps | \$773.68 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| Citizens Telecommunications Company of Nevada NV | | | |
| | DS-1 - 1.544 Mbps | \$773.68 | |
| | DS-3 - 44.736 Mbps | \$13,263.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| <u>Channel Mileage-Channel Mileage Termination, Per Termination, per month</u> | | | |
| Citizens Telecommunications Company of West Virginia WV (Mountain State Study Area) | | | |
| | DS-1 - 1.544 Mbps | \$15,584.57 | |
| | DS-3 - 44.736 Mbps | \$99,477.06 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | |
| Citizens Telecommunications Company of Tennessee LLC (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | | | TN |
| | DS-1 - 1.544 Mbps | \$15,584.57 | |
| | DS-3 - 44.736 Mbps | \$99,477.06 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | |
| Navajo Communications Company | | | AZ, NM, UT |
| | DS-1 - 1.544 Mbps | \$15,584.57 | |
| | DS-3 - 44.736 Mbps | \$99,477.06 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | (C) |



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service (Cont'd)High Capacity Service (cont'd)Channel Mileage-Channel Mileage Termination, Per Termination, per month (cont'd) (C)

| | | | |
|---|----|--------------|-----|
| Citizens Telecommunications Company of California | CA | | |
| (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | | | |
| DS-1 - 1.544 Mbps | | \$15,584.57 | |
| DS-3 - 44.736 Mbps | | \$99,477.06 | |
| OC-3 - 155.520 Mbps | | \$273,838.06 | |
| OC-3c - 155.520 Mbps | | \$273,838.06 | |
| Citizens Telecommunications Company of Nevada | NV | | |
| DS-1 - 1.544 Mbps | | \$15,584.57 | |
| DS-3 - 44.736 Mbps | | \$99,477.06 | |
| OC-3 - 155.520 Mbps | | \$273,838.06 | |
| OC-3c - 155.520 Mbps | | \$273,838.06 | (C) |

Discontinuance Non-Recurring Charge – per Circuit – all states

| | |
|----------------------|----------|
| DS-1 - 1.544 Mbps | \$975.00 |
| DS-3 - 44.736 Mbps | \$975.00 |
| OC-3 - 155.520 Mbps | \$975.00 |
| OC-3c - 155.520 Mbps | \$975.00 |

* Material filed with Transmittal 88 with effective date of 8/1/2018



| | | | | |
|---|--|--------------|-----|--|
| 20. | <u>Rates and Charges (Cont'd)</u> | | | |
| 20.2 | <u>Rate Group #2 (Cont'd)</u> | | | |
| 20.2.5 | <u>Special Access Service (Cont'd)</u> | | | |
| | <u>High Capacity Service (Cont'd)</u> | | | |
| | <u>Optional Features and Functions</u> | | | |
| Citizens Telecommunications Company of West Virginia | WV (Mountain State Study Area) | | | |
| | <u>Multiplexing</u> | | | |
| - | OC-3 to DS-3 | | | |
| | per month | \$170,170.84 | (C) | |
| | Nonrecurring Charge | \$147,141.11 | | |
| - | OC-3 to DS-1 | | | |
| | per month | \$204,205.14 | | |
| | Nonrecurring Charge | \$147,141.11 | | |
| - | DS-3 to DS-1 | | | |
| | per month | \$140,674.76 | | |
| | Nonrecurring Charge | \$130,324.98 | | |
| - | DS-1 to Voice | | | |
| | per month | \$26,426.80 | | |
| | Nonrecurring Charge | \$41,900.94 | | |
| - | DS-1 to DS0 | | | |
| | per month | \$26,426.80 | | |
| | Nonrecurring Charge | \$41,900.94 | | |
| Citizens Telecommunications Company of Tennessee LLC | TN | | | |
| (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | | | | |
| | <u>Multiplexing</u> | | | |
| - | OC-3 to DS-3 | | | |
| | per month | \$170,170.84 | | |
| | Nonrecurring Charge | \$147,141.11 | | |
| - | OC-3 to DS-1 | | | |
| | per month | \$204,205.14 | | |
| | Nonrecurring Charge | \$147,141.11 | | |
| - | DS-3 to DS-1 | | | |
| | per month | \$140,674.76 | | |
| | Nonrecurring Charge | \$130,324.98 | | |
| - | DS-1 to Voice | | | |
| | per month | \$26,426.80 | | |
| | Nonrecurring Charge | \$41,900.94 | | |
| - | DS-1 to DS0 | | | |
| | per month | \$26,426.80 | | |
| | Nonrecurring Charge | \$41,900.94 | | |
| Navajo Communications Company | AZ, NM, UT | | | |
| | <u>Multiplexing</u> | | | |
| - | OC-3 to DS-3 | | | |
| | per month | \$170,170.84 | | |
| | Nonrecurring Charge | \$147,141.11 | | |
| - | OC-3 to DS-1 | | | |
| | per month | \$204,205.14 | | |
| | Nonrecurring Charge | \$147,141.11 | | |
| - | DS-3 to DS-1 | | | |
| | per month | \$140,674.76 | | |
| | Nonrecurring Charge | \$130,324.98 | | |
| - | DS-1 to Voice | | | |
| | per month | \$26,426.80 | | |
| | Nonrecurring Charge | \$41,900.94 | | |
| - | DS-1 to DS0 | | | |
| | per month | \$26,426.80 | | |
| | Nonrecurring Charge | \$41,900.94 | (C) | |



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Rate Group #2 (Cont'd)20.2.5 Special Access Service (Cont'd)High Capacity Service (Cont'd)Optional Features and FunctionsCitizens Telecommunications Company of California
(Golden State and Tuolumne study areas) (OCNs 3402, 2342)

CA

(C)

Multiplexing

| | | |
|---|---------------------|--------------|
| - | OC-3 to DS-3 | |
| | per month | \$170,170.84 |
| | Nonrecurring Charge | \$147,141.11 |
| - | OC-3 to DS-1 | |
| | per month | \$204,205.14 |
| | Nonrecurring Charge | \$147,141.11 |
| - | DS-3 to DS-1 | |
| | per month | \$140,674.76 |
| | Nonrecurring Charge | \$130,324.98 |
| - | DS-1 to Voice | |
| | per month | \$26,426.80 |
| | Nonrecurring Charge | \$41,900.94 |
| - | DS-1 to DS0 | |
| | per month | \$26,426.80 |
| | Nonrecurring Charge | \$41,900.94 |

Citizens Telecommunications Company of Nevada

NV

Multiplexing

| | | |
|---|---------------------|-----------------|
| - | OC-3 to DS-3 | |
| | per month | \$170,170.84 |
| | Nonrecurring Charge | \$147,141.11 |
| - | OC-3 to DS-1 | |
| | per month | \$204,205.14 |
| | Nonrecurring Charge | \$147,141.11 |
| - | DS-3 to DS-1 | |
| | per month | \$140,674.76 |
| | Nonrecurring Charge | \$130,324.98 |
| - | DS-1 to Voice | |
| | per month | \$26,426.80 |
| | Nonrecurring Charge | \$41,900.94 |
| - | DS-1 to DS0 | |
| | per month | \$26,426.80 |
| | Nonrecurring Charge | \$41,900.94 (C) |



ACCESS SERVICE

| | | | | |
|--------|---|--|-------------|-----|
| 20. | <u>Rates and Charges (Cont'd)</u> | | | |
| 20.2 | <u>Rate Group #2 (Cont'd)</u> | | | |
| 20.2.5 | <u>Special Access Service (Cont'd)</u> | | | |
| | <u>High Capacity Service (Cont'd)</u> | | | |
| | <u>Optional Features and Functions (Cont'd)</u> | | | |
| | <u>Multiplexing (Cont'd)</u> | | | |
| | - Digital DS3 Cross Connect | | | |
| | per month | | * | |
| | Nonrecurring Charge | | * | |
| | - Digital Data Subrate | | | |
| | 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 | | | |
| | Clear Channel Capability, Nonrecurring Charge: | | | |
| | Citizens Telecommunications Company of West Virginia WV | | | |
| | (Mountain State Study Area) | | \$54,078.34 | (C) |
| | Citizens Telecommunications Company of Tennessee LLC TN | | \$54,078.34 | |
| | (Citizens Telecommunications Company Volunteer State Study Area) (OCN 0577) | | | |
| | Navajo Communications Company AZ, NM, UT | | \$54,078.34 | |
| | Citizens Telecommunications Company of California CA | | \$54,078.34 | |
| | (Golden State and Tuolumne study areas) (OCNs 3402, 2342) | | | |
| | Citizens Telecommunications Company of Nevada NV | | \$54,078.34 | (C) |

* 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.

ACCESS SERVICE

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

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

| <u>Service Date Change Charge</u> | <u>Nonrecurring Charge</u> | |
|---|----------------------------|-----|
| - Per Order | \$150.00 | |
| <u>Design Change Charge -Per order, per occurrence</u> Ogden Telephone Company NY | \$15,072.28 | (C) |
| <u>Cancellation Charge -- Per order, per occurrence</u> Ogden Telephone Company NY | \$35,190.55 | (C) |
| <u>Expedited Order Charge</u> | | |
| - Per Order, per day expedited | \$300.00 | |

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service (Cont'd)
Voice Grade Service

Ogden Telephone Company NY:

| | | |
|--|-------------|-----|
| <u>Service Order Charge</u> – per order | \$15,061.01 | (C) |
| <u>Channel Termination</u> | | |
| - per Two Wire Termination, per month | \$1,697.82 | |
| - per Two Wire Termination, nonrecurring charge | \$34,229.76 | |
| - per Four Wire Termination, per month | \$2,722.07 | |
| - per Four Wire Termination, nonrecurring charge | \$34,229.76 | |
| <u>Channel Mileage</u> | | |
| - Channel Mileage Facility, per Mile, per month | \$273.86 | |
| - Channel Mileage Termination, per termination, per month | \$1,643.22 | (C) |
| <u>Discontinuance Non-Recurring Charge</u> – per Circuit | \$975.00 | |

| | |
|---|---------------------|
| <u>Optional Features & Functions</u> | <u>Monthly Rate</u> |
| Central Office Bridging Capability Two-Wire or Four-Wire, per Port | |
| - Data | \$6.15 |
| - Voice | \$6.15 |
| - Telephoto | * |
| - DATAPHONE | * |
| - Telemetry & Alarm | * |
| Conditioning, per Termination | |
| - C Type | * |
| - Improved Attenuation Distortion** | * |
| - Improved Envelope Delay Distortion** | * |
| - Data Capability | * |
| - 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.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service (Cont'd)

Ogden Telephone Company NY:

Digital Data Service

| | | |
|---|-------------|-----|
| <u>Service Order Charge</u> – per order | \$15,061.01 | (C) |
|---|-------------|-----|

Channel Termination

| | | |
|---|------------|--|
| - per Termination, monthly rate All Speeds | \$3,155.92 | |
|---|------------|--|

| | | |
|--|-------------|--|
| - per Termination, Nonrecurring Charge All Speeds | \$34,229.76 | |
|--|-------------|--|

Channel Mileage

| | | |
|--|----------|--|
| - Channel Mileage Facility, Per mile, per month | | |
| 2.4 kbps | \$410.99 | |
| 4.8 kbps | \$410.99 | |
| 9.6 kbps | \$410.99 | |
| 19.2 kbps | \$410.99 | |

| | | |
|------------------|----------|--|
| 56.0 & 64.0 kbps | \$821.56 | |
|------------------|----------|--|

| | | |
|--|------------|--|
| - Channel Mileage Termination, Per termination, per month | | |
| 2.4 kbps | \$2,298.99 | |
| 4.8 kbps | \$2,298.99 | |
| 9.6 kbps | \$2,298.99 | |
| 19.2 kbps | \$2,298.99 | |

| | | |
|------------------|------------|-----|
| 56.0 & 64.0 kbps | \$4,600.52 | (C) |
|------------------|------------|-----|

| | | |
|--|----------|--|
| <u>Discontinuance Non-Recurring Charge</u> – per Circuit All Speeds | \$975.00 | |
|--|----------|--|



ACCESS SERVICE

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

Ogden Telephone Company NY:

High Capacity ServiceService Order Charge- per Order

| | | |
|----------------------|-------------|-----|
| DS-1 - 1.544 Mbps | \$13,121.96 | (C) |
| DS-3 - 44.736 Mbps | \$41,700.01 | |
| OC-3 - 155.520 Mbps | \$56,821.47 | |
| OC-3c - 155.520 Mbps | \$56,821.47 | |

Channel Termination

| | | |
|---|--|--------------|
| - | per Termination, monthly rate | |
| | <u>Competitive End User & IC CDL</u> | |
| | DS-1 1.544 Mbps | \$16,579.54 |
| | DS-3 - 44.736 Mbps | \$132,636.06 |
| | OC-3 - 155.520 Mbps | \$438,141.18 |
| | OC-3c - 155.520 Mbps | \$410,757.29 |
| - | per Termination, Nonrecurring Charge | |
| | DS-1 - 1.544 Mbps | \$70,337.25 |
| | DS-3 - 44.736 Mbps | \$342,643.11 |
| | OC-3 - 155.520 Mbps | \$492,908.76 |
| | OC-3c - 155.520 Mbps | \$492,908.76 |

Channel Mileage

| | | |
|---|--|--------------|
| - | Channel Mileage Facility, Per Mile, per month | |
| | DS-1 - 1.544 Mbps | \$2,019.65 |
| | DS-3 - 44.736 Mbps | \$10,831.91 |
| | OC-3 - 155.520 Mbps | \$38,337.57 |
| | OC-3c - 155.520 Mbps | \$38,337.57 |
| - | Channel Mileage Termination, Per termination, per month | |
| | DS-1 - 1.544 Mbps | \$6,631.81 |
| | DS-3 - 44.736 Mbps | \$93,950.60 |
| | OC-3 - 155.520 Mbps | \$273,838.06 |
| | OC-3c - 155.520 Mbps | \$273,838.06 |

Discontinuance Non-Recurring Charge – per Circuit

| | |
|----------------------|----------|
| DS-1 - 1.544 Mbps | \$975.00 |
| DS-3 - 44.736 Mbps | \$975.00 |
| OC-3 - 155.520 Mbps | \$975.00 |
| OC-3c - 155.520 Mbps | \$975.00 |



ACCESS SERVICE

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

High Capacity Service (Cont'd)
Ogden Telephone Company NY:

Optional Features and FunctionsMultiplexing

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | (C) |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$26,426.80 | |
| | Nonrecurring Charge | \$41,901.03 | |
| - | DS-1 to DS0 | | |
| | per month | \$26,426.80 | |
| | Nonrecurring Charge | \$41,901.03 | (C) |

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.3 Rate Group #3 (Cont'd)

20.3.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

Optional Features and Functions (Cont'd)

Multiplexing (Cont'd)

| | | | |
|---|---------------------------|--|---|
| - | Digital DS3 Cross Connect | | |
| | per month | | * |
| | Nonrecurring Charge | | * |

| | | | |
|---|----------------------------|--|-----|
| - | Digital Data Subrate | | |
| | 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 | | * |

| | | | |
|--|--|--|---|
| | Automatic Protection Switching per DS1 | | |
| | monthly rate | | * |
| | Nonrecurring Charge | | * |

Clear Channel Capability, per DS1 circuit arranged
Ogden Telephone Company NY:

| | | | |
|--|---------------------|-------------|-----|
| | monthly rate | \$0.00 | |
| | Nonrecurring Charge | \$54,078.40 | (C) |

* 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.



ACCESS SERVICE

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

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

| <u>Service Date Change Charge</u> | <u>Nonrecurring Charge</u> |
|-----------------------------------|----------------------------|
| - Per Order | \$50.00 |

Design Change Charge - Per order, per occurrence

| | | | |
|---|----|------------|-----|
| Citizens Telecommunications Company of Nebraska | NE | \$2,633.61 | (C) |
|---|----|------------|-----|

| | | | |
|---|----|------------|--|
| Citizens Telecommunications Company of Minnesota, LLC | MN | \$2,633.61 | |
|---|----|------------|--|

| | | | |
|--|--------|------------|--|
| Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | \$2,633.61 | |
|--|--------|------------|--|

Cancellation Charge -Per Order

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of Nebraska | NE | \$35,190.55 | |
|---|----|-------------|--|

| | | | |
|---|----|-------------|--|
| Citizens Telecommunications Company of Minnesota, LLC | MN | \$35,190.55 | |
|---|----|-------------|--|

| | | | |
|--|--------|-------------|-----|
| Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | \$35,190.55 | (C) |
|--|--------|-------------|-----|

Expedited Order Charge

| | |
|--------------------------------|----------|
| - Per Order, per day expedited | \$300.00 |
|--------------------------------|----------|



ACCESS SERVICE

| | | | | |
|--|--|-------------|-----|--|
| 20. | <u>Rates and Charges</u> (Cont'd) | | | |
| 20.4 | <u>Rate Group #4</u> (Cont'd) | | | |
| 20.4.5 | <u>Special Access Service</u> (Cont'd) | | | |
| | <u>Voice Grade Service</u> | | | |
| | <u>Service Order Charge</u> – per Order | | | |
| Citizens Telecommunications Company of Nebraska | NE | \$17,831.01 | (C) | |
| Citizens Telecommunications Company of Minnesota, LLC | MN | \$17,831.01 | | |
| Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | \$17,831.01 | | |
| | <u>Channel Termination</u> | | | |
| Citizens Telecommunications Company of Nebraska | NE | | | |
| - | per Two Wire Termination, per month | \$4,437.69 | | |
| - | per Two Wire Termination, nonrecurring charge | \$27,383.93 | | |
| - | per Four Wire Termination, per month | \$6,914.27 | | |
| - | per Four Wire Termination, nonrecurring charge | \$66,849.44 | | |
| Citizens Telecommunications Company of Minnesota, LLC | MN | | | |
| - | per Two Wire Termination, per month | \$4,437.69 | | |
| - | per Two Wire Termination, nonrecurring charge | \$27,383.93 | | |
| - | per Four Wire Termination, per month | \$6,914.27 | | |
| - | per Four Wire Termination, nonrecurring charge | \$66,849.44 | | |
| Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, W | | | |
| - | per Two Wire Termination, per month | \$4,437.69 | | |
| - | per Two Wire Termination, nonrecurring charge | \$27,383.93 | | |
| - | per Four Wire Termination, per month | \$6,914.27 | | |
| - | per Four Wire Termination, nonrecurring charge | \$66,849.44 | | |
| | <u>Channel Mileage</u> | | | |
| Citizens Telecommunications Company of Nebraska | NE | | | |
| - | Channel Mileage Facility, per Mile, per month | \$335.53 | | |
| - | Channel Mileage Termination, per termination, per month | \$3,939.30 | | |
| Citizens Telecommunications Company of Minnesota, LLC | MN | | | |
| - | Channel Mileage Facility, per Mile, per month | \$335.53 | | |
| - | Channel Mileage Termination, per termination, per month | \$3,939.30 | | |
| Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | | | |
| - | Channel Mileage Facility, per Mile, per month | \$335.53 | | |
| - | Channel Mileage Termination, per termination, per month | \$3,939.30 | (C) | |
| | <u>Discontinuance Non-Recurring Charge</u> – per Circuit -all states | \$975.00 | | |



ACCESS SERVICE

| | | | | |
|--------|--|--------|-------------|-----|
| 20. | <u>Rates and Charges (Cont'd)</u> | | | |
| 20.4 | <u>Rate Group #4 (Cont'd)</u> | | | |
| 20.4.5 | <u>Special Access Service (Cont'd)</u> | | | |
| | <u>Digital Data Service</u> | | | |
| | <u>Service Order Charge- per order</u> | | | |
| | Citizens Telecommunications Company of Nebraska | NE | \$17,831.01 | (C) |
| | Citizens Telecommunications Company of Minnesota, LLC | MN | \$17,831.01 | |
| | Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | \$17,831.01 | |
| | <u>Channel Termination</u> | | | |
| | Citizens Telecommunications Company of Nebraska | NE | | |
| | - per Termination, monthly rate All Speeds | | \$6,846.04 | |
| | - per Termination, Nonrecurring Charge All Speeds | | \$34,229.76 | |
| | Citizens Telecommunications Company of Minnesota, LLC | MN | | |
| | - per Termination, monthly rate All Speeds | | \$6,846.04 | |
| | - per Termination, Nonrecurring Charge All Speeds | | \$34,229.76 | |
| | Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | | |
| | - per Termination, monthly rate All Speeds | | \$6,846.04 | |
| | - per Termination, Nonrecurring Charge All Speeds | | \$34,229.76 | |
| | <u>Channel Mileage</u> | | | |
| | Citizens Telecommunications Company of Nebraska | NE | | |
| | - Channel Mileage Facility, Per mile, per month | | | |
| | 2.4 kbps | | \$657.18 | |
| | 4.8 kbps | | \$657.18 | |
| | 9.6 kbps | | \$657.18 | |
| | 19.2 kbps | | \$523.29 | |
| | 56.0 kbps | | \$523.29 | |
| | 64.0 kbps | | \$523.29 | |
| | Citizens Telecommunications Company of Minnesota, LLC | MN | | |
| | - Channel Mileage Facility, Per mile, per month | | | |
| | 2.4 kbps | | \$657.18 | |
| | 4.8 kbps | | \$657.18 | |
| | 9.6 kbps | | \$657.18 | |
| | 19.2 kbps | | \$523.29 | |
| | 56.0 kbps | | \$523.29 | |
| | 64.0 kbps | | \$523.29 | |
| | Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | | |
| | - Channel Mileage Facility, Per mile, per month | | | |
| | 2.4 kbps | | \$657.18 | |
| | 4.8 kbps | | \$657.18 | |
| | 9.6 kbps | | \$657.18 | |
| | 19.2 kbps | | \$523.29 | |
| | 56.0 kbps | | \$523.29 | |
| | 64.0 kbps | | \$523.29 | (C) |



ACCESS SERVICE

| | | | |
|--------|--|------------|----------------|
| 20. | <u>Rates and Charges</u> (Cont'd) | | |
| 20.4 | <u>Rate Group #4</u> (Cont'd) | | |
| 20.4.5 | <u>Special Access Service</u> (Cont'd) | | |
| | <u>Digital Data Service</u> | | |
| | - Channel Mileage Termination, Per termination, per month All Speeds | | |
| | Citizens Telecommunications Company of Nebraska | NE | \$4,236.24 (C) |
| | Citizens Telecommunications Company of Minnesota, LLC | MN | \$4,236.24 |
| | Citizens Telecommunications Company of Illinois (includes Fairplay, WI) | IL, WI | \$4,236.24 (C) |
| | <u>Discontinuance Non-Recurring Charge</u> – per Circuit | | |
| | All Speeds | all states | \$975.00 |



ACCESS SERVICE

| | | | |
|---|--|--------------|-----|
| 20. | <u>Rates and Charges (Cont'd)</u> | | |
| 20.4 | <u>Rate Group #4 (Cont'd)</u> | | |
| 20.4.5 | <u>Special Access Service (Cont'd)</u> | | |
| | <u>High Capacity Service</u> | | |
| | <u>Service Order Charge</u> – per order | | |
| Citizens Telecommunications Company of Nebraska | NE | | |
| | DS-1 - 1.544 Mbps | \$13,121.96 | (C) |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | |
| Citizens Telecommunications Company of Minnesota, LLC | MN | | |
| | DS-1 - 1.544 Mbps | \$13,121.96 | |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | |
| Citizens Telecommunications Company of Illinois | IL, WI | | |
| (includes Fairplay, WI) | | | |
| | DS-1 - 1.544 Mbps | \$13,121.96 | |
| | DS-3 - 44.736 Mbps | \$41,700.01 | |
| | OC-3 - 155.520 Mbps | \$56,821.47 | |
| | OC-3c - 155.520 Mbps | \$56,821.47 | |
| | <u>Channel Termination</u> - per Termination, monthly rate | | |
| Citizens Telecommunications Company of Nebraska | NE | | |
| | <u>Competitive End User & IC CDL</u> | | |
| | DS-1 1.544 Mbps | \$27,079.86 | |
| | DS-3 - 44.736 Mbps | \$154,742.17 | |
| | OC-3 - 155.520 Mbps | \$438,141.18 | |
| | OC-3c - 155.520 Mbps | \$410,757.29 | |
| | - <u>per Termination, Nonrecurring Charge</u> | | |
| | DS-1 - 1.544 Mbps | \$70,337.25 | |
| | DS-3 - 44.736 Mbps | \$342,643.11 | |
| | OC-3 - 155.520 Mbps | \$492,908.76 | |
| | OC-3c - 155.520 Mbps | \$492,908.76 | |
| Citizens Telecommunications Company of Minnesota, LLC | MN | | |
| | <u>Competitive End User & IC CDL</u> | | |
| | DS-1 1.544 Mbps | \$27,079.86 | |
| | DS-3 - 44.736 Mbps | \$154,742.17 | |
| | OC-3 - 155.520 Mbps | \$438,141.18 | |
| | OC-3c - 155.520 Mbps | \$410,757.29 | |
| | - <u>per Termination, Nonrecurring Charge</u> | | |
| | DS-1 - 1.544 Mbps | \$70,337.25 | |
| | DS-3 - 44.736 Mbps | \$342,643.11 | |
| | OC-3 - 155.520 Mbps | \$492,908.76 | |
| | OC-3c - 155.520 Mbps | \$492,908.76 | |
| Citizens Telecommunications Company of Illinois | IL, WI | | |
| (includes Fairplay, WI) | | | |
| | <u>Competitive End User & IC CDL</u> | | |
| | DS-1 1.544 Mbps | \$27,079.86 | |
| | DS-3 - 44.736 Mbps | \$154,742.17 | |
| | OC-3 - 155.520 Mbps | \$438,141.18 | |
| | OC-3c - 155.520 Mbps | \$410,757.29 | |
| | - <u>per Termination, Nonrecurring Charge</u> | | |
| | DS-1 - 1.544 Mbps | \$70,337.25 | |
| | DS-3 - 44.736 Mbps | \$342,643.11 | |
| | OC-3 - 155.520 Mbps | \$492,908.76 | |
| | OC-3c - 155.520 Mbps | \$492,908.76 | (C) |



ACCESS SERVICE

| | | | |
|---|--|--------------|-----|
| 20. | <u>Rates and Charges (Cont'd)</u> | | |
| 20.4 | <u>Rate Group #4 (Cont'd)</u> | | |
| 20.4.5 | <u>Special Access Service (Cont'd)</u> | | |
| | <u>High Capacity Service</u> | | |
| | <u>Channel Mileage</u> | | |
| Citizens Telecommunications Company of Nebraska NE | | | |
| - | Channel Mileage Facility, | | |
| | Per mile, per month | | |
| | DS-1 - 1.544 Mbps | \$1,657.99 | (C) |
| | DS-3 - 44.736 Mbps | \$5,526.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| - | Channel Mileage Termination, | | |
| | Per termination, per month | | |
| | DS-1 - 1.544 Mbps | \$4,343.88 | |
| | DS-3 - 44.736 Mbps | \$55,265.03 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | |
| Citizens Telecommunications Company of Minnesota, LLC MN | | | |
| - | Channel Mileage Facility, | | |
| | Per mile, per month | | |
| | DS-1 - 1.544 Mbps | \$1,657.99 | |
| | DS-3 - 44.736 Mbps | \$5,526.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| - | Channel Mileage Termination, | | |
| | Per termination, per month | | |
| | DS-1 - 1.544 Mbps | \$4,343.88 | |
| | DS-3 - 44.736 Mbps | \$55,265.03 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | |
| Citizens Telecommunications Company of Illinois IL, WI | | | |
| (includes Fairplay, WI) | | | |
| - | Channel Mileage Facility, | | |
| | Per mile, per month | | |
| | DS-1 - 1.544 Mbps | \$1,657.99 | |
| | DS-3 - 44.736 Mbps | \$5,526.60 | |
| | OC-3 - 155.520 Mbps | \$38,337.57 | |
| | OC-3c - 155.520 Mbps | \$38,337.57 | |
| - | Channel Mileage Termination, | | |
| | Per termination, per month | | |
| | DS-1 - 1.544 Mbps | \$4,343.88 | |
| | DS-3 - 44.736 Mbps | \$55,265.03 | |
| | OC-3 - 155.520 Mbps | \$273,838.06 | |
| | OC-3c - 155.520 Mbps | \$273,838.06 | (C) |
| <u>Discontinuance Non-Recurring Charge – per Circuit all states</u> | | | |
| | DS-1 - 1.544 Mbps | \$975.00 | |
| | DS-3 - 44.736 Mbps | \$975.00 | |
| | OC-3 - 155.520 Mbps | \$975.00 | |
| | OC-3c - 155.520 Mbps | \$975.00 | |



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Rate Group #4 (Cont'd)20.4.5 Special Access Service (Cont'd)High Capacity Service (Cont'd)Optional Features and FunctionsMultiplexing

Citizens Telecommunications Company of Nebraska NE

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | (C) |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$18,811.27 | |
| | Nonrecurring Charge | \$80,385.45 | |
| - | DS-1 to DS0 | | |
| | per month | \$18,811.27 | |
| | Nonrecurring Charge | \$80,385.45 | |

Citizens Telecommunications Company of Minnesota, LLC MN

| | | | |
|---|---------------------|--------------|--|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$18,811.27 | |
| | Nonrecurring Charge | \$80,385.45 | |
| - | DS-1 to DS0 | | |
| | per month | \$18,811.27 | |
| | Nonrecurring Charge | \$80,385.45 | |

Citizens Telecommunications Company of Illinois IL, WI
(includes Fairplay, WI)

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$18,811.27 | |
| | Nonrecurring Charge | \$80,385.45 | |
| - | DS-1 to DS0 | | |
| | per month | \$18,811.27 | |
| | Nonrecurring Charge | \$80,385.45 | (C) |

ACCESS SERVICE

| | | | |
|---|--|--|-----------------|
| 20. | <u>Rates and Charges (Cont'd)</u> | | |
| 20.4 | <u>Rate Group #4 (Cont'd)</u> | | |
| 20.4.5 | <u>Special Access Service (Cont'd)</u> | | |
| | <u>High Capacity Service (Cont'd)</u> | | |
| | <u>Optional Features and Functions (Cont'd)</u> | | |
| | <u>Multiplexing (Cont'd)</u> | | |
| - | Digital DS3 Cross Connect | | |
| | per month | | * |
| | Nonrecurring Charge | | * |
| - | Digital Data Subrate | | |
| | 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 |
| | Clear Channel Capability, per DS1 circuit arranged Nonrecurring Charge | | |
| Citizens Telecommunications Company of Nebraska | NE | | \$54,078.40 (C) |
| Citizens Telecommunications Company of Minnesota, LLC | MN | | \$54,078.40 |
| Citizens Telecommunications Company of Illinois | IL, WI | | \$54,078.40 (C) |
| (includes Fairplay, WI) | | | |

* 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.



ACCESS SERVICE

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

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

| <u>Service Date Change Charge</u> | <u>Nonrecurring Charge</u> |
|-----------------------------------|----------------------------|
| - Per Order | \$50.00 |

Design Change Charge – per order – per occurrence

| | | | |
|--|----|------------|-----|
| Citizens Telecommunications Company of California, Inc. (Global Valley study area) (OCN 2315) | CA | \$3,829.68 | (C) |
|--|----|------------|-----|

Cancellation Charge – per order

| | | | |
|--|----|-------------|-----|
| Citizens Telecommunications Company of California, Inc. (Global Valley study area) (OCN 2315) | CA | \$42,228.59 | (C) |
|--|----|-------------|-----|

Expedited Order Charge

| | |
|--------------------------------|----------|
| - Per Order, per day expedited | \$300.00 |
|--------------------------------|----------|



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Rate Group #5 (Cont'd)20.5.5 Special Access Service (Cont'd)Voice Grade ServiceCitizens Telecommunications Company of California, Inc.
(Global Valley study area) (OCN 2315):

CA

| | | |
|---|-------------|-----|
| <u>Service Order Charge</u> – per order | \$17,831.01 | (C) |
|---|-------------|-----|

Channel Termination

| | |
|--|-------------|
| -- per Two Wire Termination, per month | \$7,657.88 |
| - per Two Wire Termination, nonrecurring charge | \$66,849.44 |
| - per Four Wire Termination, per month | \$12,459.55 |
| - per Four Wire Termination, nonrecurring charge | \$66,849.44 |

Channel Mileage

| | | |
|--|------------|-----|
| - Channel Mileage Facility, per Mile, per month | \$83.51 | |
| - Channel Mileage Termination, per termination, per month | \$5,339.86 | (C) |

| | |
|--|----------|
| <u>Discontinuance Non-Recurring Charge</u> – per Circuit | \$975.00 |
|--|----------|

Optional Features & FunctionsMonthly
RateCentral 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.



ACCESS SERVICE

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

Citizens Telecommunications Company of California, Inc.
(Global Valley study area) (OCN 2315) :

CA

Service Order Charge – per order \$17,831.01 (C)

Channel Termination

- per Termination, monthly rate

2.4 kbps \$13,781.08

4.8 kbps \$13,781.08

9.6 kbps \$13,781.08

19.2 kbps \$13,781.08

56.0 kbps \$6,298.37

64.0 kbps \$6,298.37

- per Termination, Nonrecurring Charge
All Speeds

\$71,073.36

Channel Mileage

- Channel Mileage Facility,
Per mile, per month

2.4 kbps \$47.97

4.8 kbps \$47.97

9.6 kbps \$47.97

19.2 kbps \$47.97

20

56.0 kbps \$41.23

64.0 kbps \$41.23

- Channel Mileage Termination,
Per termination, per month

2.4 kbps \$6,435.17

4.8 kbps \$6,435.17

9.6 kbps \$6,435.17

19.2 kbps \$6,435.17

56.0 kbps \$4,379.87

64.0 kbps \$4,379.87 (C)

Discontinuance Non-Recurring Charge – per Circuit

All Speeds \$975.00



ACCESS SERVICE

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

Citizens Telecommunications Company of California, Inc.
(Global Valley study area) (OCN 2315) :

CA

Service Order Charge – per order

| | | |
|----------------------|-------------|-----|
| DS-1 - 1.544 Mbps | \$13,121.96 | (C) |
| DS-3 - 44.736 Mbps | \$41,700.01 | |
| OC-3 - 155.520 Mbps | \$56,821.47 | |
| OC-3c - 155.520 Mbps | \$56,821.47 | |

Channel Termination

-

per Termination, monthly rate

Competitive End User & IC CDL

| | |
|----------------------|--------------|
| DS-1 1.544 Mbps | \$9,093.70 |
| DS-3 - 44.736 Mbps | \$75,879.74 |
| OC-3 - 155.520 Mbps | \$438,141.18 |
| OC-3c - 155.520 Mbps | \$410,757.29 |

- per Termination, Nonrecurring Charge

| | |
|----------------------|--------------|
| DS-1 - 1.544 Mbps | \$70,337.25 |
| DS-3 - 44.736 Mbps | \$342,643.11 |
| OC-3 - 155.520 Mbps | \$492,908.76 |
| OC-3c - 155.520 Mbps | \$492,908.76 |

Channel Mileage- Channel Mileage Facility,
Per mile, per month

| | |
|----------------------|-------------|
| DS-1 - 1.544 Mbps | \$505.58 |
| DS-3 - 44.736 Mbps | \$6,063.09 |
| OC-3 - 155.520 Mbps | \$38,337.57 |
| OC-3c - 155.520 Mbps | \$38,337.57 |

- Channel Mileage Termination,
Per termination, per month

| | | |
|----------------------|--------------|-----|
| DS-1 - 1.544 Mbps | \$9,748.74 | |
| DS-3 - 44.736 Mbps | \$45,468.03 | |
| OC-3 - 155.520 Mbps | \$273,838.06 | |
| OC-3c - 155.520 Mbps | \$273,838.06 | (C) |

Discontinuance Non-Recurring Charge – per Circuit

| | |
|----------------------|----------|
| DS-1 - 1.544 Mbps | \$975.00 |
| DS-3 - 44.736 Mbps | \$975.00 |
| OC-3 - 155.520 Mbps | \$975.00 |
| OC-3c - 155.520 Mbps | \$975.00 |



ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Rate Group #5 (Cont'd)20.5.5 Special Access Service (Cont'd)High Capacity Service (Cont'd)Optional Features and Functions

Citizens Telecommunications Company of California, Inc.
(Global Valley study area) (OCN 2315) :

CA

Multiplexing

| | | | |
|---|---------------------|--------------|-----|
| - | OC-3 to DS-3 | | |
| | per month | \$170,170.84 | (C) |
| | Nonrecurring Charge | \$147,141.07 | |
| - | OC-3 to DS-1 | | |
| | per month | \$204,205.14 | |
| | Nonrecurring Charge | \$147,141.07 | |
| - | DS-3 to DS-1 | | |
| | per month | \$140,674.76 | |
| | Nonrecurring Charge | \$130,324.95 | |
| - | DS-1 to Voice | | |
| | per month | \$26,426.80 | |
| | Nonrecurring Charge | \$41,901.03 | |
| - | DS-1 to DS0 | | |
| | per month | \$26,426.80 | |
| | Nonrecurring Charge | \$41,901.03 | (C) |

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Rate Group #5 (Cont'd)

20.5.5 Special Access Service (Cont'd)

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 | \$54,078.40 | (C) |

* 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.