

**The Chillicothe Telephone Company**  
**Traffic Sensitive - Switched Input Data**  
**Annual Access Tariff Filing - 2003/2004**

**The Chillicothe Telephone Company**  
**Flat Rated Charges Revenue Calculation**

Line	Description	Source	Amount
<b><u>Direct-Trunked and Entrance Facilities</u></b>			
1	VG Channel Termination Rate	Records	\$209.16
2	VG Channel Mileage Termination Rate	Records	\$15.37
3	VG Channel Mileage Facility Rate	Records	\$5.24
4	DS1 Channel Termination Trunks Rate	Records	\$700.92
5	DS1 Channel Mileage Termination Rate	Records	\$186.12
6	DS1 Channel Mileage Facility Rate	Records	\$31.44
7	DS3 Channel Termination Trunks Rate	Records	\$0.00
8	DS3 Channel Mileage Termination Rate	Records	\$0.00
9	DS3 Channel Mileage Facility Rate	Records	\$0.00
10	VG Channel Termination Trunks (Entrance Facility)	Records	146
11	VG Channel Mileage Termination (Direct Trunk)	Records	169
12	VG Channel Mileage Facility (Direct Trunk/Mile)	Records	1,226
13	DS1 Channel Termination Trunks (Entrance Facility)	Records	164
14	DS1 Channel Mileage Termination (Direct Trunk)	Records	575
15	DS1 Channel Mileage Facility (Direct Trunk/Mile)	Records	3,968
16	DS3 Channel Termination Trunks (Entrance Facility)	Records	-
17	DS3 Channel Mileage Termination (Direct Trunk)	Records	-
18	DS3 Channel Mileage Facility (Direct Trunk/Mile)	Records	-
19	VG Channel Termination (Entrance Facility) Revenue	Ln1*Ln10	\$30,520
20	VG Channel Mileage Termination (Direct Trunk) Revenue	Ln2*Ln11	\$2,601
21	VG Channel Mileage Facility (Direct Trunk/Mile) Revenue	Ln3*Ln15	\$6,422
22	DS1 Channel Termination (Entrance Facility) Revenue	Ln4*Ln13	\$115,063
23	DS1 Channel Mileage Termination (Direct Trunk) Revenue	Ln5*Ln14	\$106,939
24	DS1 Channel Mileage Facility (Direct Trunk/Mile) Revenue	Ln6*Ln15	\$124,736
25	DS3 Channel Termination (Entrance Facility) Revenue	Ln7*Ln16	\$0
26	DS3 Channel Mileage Termination (Direct Trunk) Revenue	Ln8*Ln17	\$0
27	DS3 Channel Mileage Facility (Direct Trunk/Mile) Revenue	Ln9*Ln18	\$0
28	Entrance Facilities Transport Revenue	Ln19,22,25	\$145,583
29	Direct-Trunk Transport Revenue	Ln20,21,23,24,26,27	\$240,699
30	Total		\$386,282

The Chillicothe Telephone Company  
Local Switching Rates

Line	Description	Source	Amount
<u>Local Switching</u>			
1	Total Minutes	Records	85,534,538
2	Query Messages	Records	11,222,550
3	Local Switching Revenue Requirement	Telebase (x/ DEM Weighting)	\$623,661
<u>Query Revenue</u>			
4	Messages	Ln 2	11,222,550
5	Basic Rate	Records	0.009430
6	Revenue	Ln*Ln5	\$105,828.65
7	Net Local Switching Revenue Requirement	Ln3-Ln6	\$517,832.35
8	Local Switching Rate	Ln7/Ln1	\$ 0.006054

The Chillicothe Telephone Company  
Directory Information Surcharge rates

Line	Description	Source	Amount
<u>Directory Information</u>			
1	Total Minutes	Records	85,534,538
2	Information Revenue Requirement	Telebase (x/ DEM Weighting)	\$66,664
3	Information Rate - Per Minute (not per 100)	Ln2/Ln1	\$ 0.000779

**The Chillicothe Telephone Company**  
**Special Access Rates**  
**Annual Access Tariff Filing - 2003/2004**

ype of Servic	Type of Equipment	Equipment Cost	Quantity Used By Average Circuit	Typical Unloaded Investment	Monthly Demand	Average Miles BIP *MILES	Monthly Demand Miles	Weighted Rate Relations	Revenue Requirement	Rate per Year	One-year* Rate per Month
Channel Termination Rate											
Voice Grade 2 Wire											
	Average Loop Cost	\$150.00	1.000000	\$150.00							
	EWSD Line	\$106.00	1.000000	\$106.00							
	FXO Card	\$150.00	1.000000	\$150.00							
	Channel Bank Card Slot	\$2,100.00	0.020833	\$43.75							
	1 Channel on Fiber Transport	\$12.40	1.000000	\$12.40							
	FXS Card	\$150.00	1.000000	\$150.00							
	Channel Bank Card Slot - 2nd	\$2,100.00	0.020833	\$43.75							
	Jack 42A	\$3.00	1.000000	\$3.00							
	Total			\$658.90	0	na	na	\$0	\$0	\$ -	\$ -
Voice Grade 4 Wire											
	Average Loop Cost	\$150.00	1.000000	\$150.00							
	4 Wire Card	\$100.00	1.000000	\$100.00							
	Channel Bank Card Slots	\$2,100.00	0.020833	\$43.75							
	4 Wire Termination Unit	\$250.00	1.000000	\$250.00							
	Jack (RJ45)	\$3.00	1.000000	\$3.00							
	Total			\$546.75	9	na	na	\$4,921	\$15,892	\$1,765.73	\$ 147.14
Digital Data											
	Average Loop Cost	\$150.00	1.000000	\$150.00							
	OCU DP Card	\$288.00	1.000000	\$288.00							
	Channel Bank Card Slot	\$2,100.00	0.020833	\$43.75							
	4 Wire Termination Unit	\$250.00	1.000000	\$250.00							
	Total			\$731.75	100	na	na	\$73,175	\$236,319	\$2,363.19	\$ 196.93
HI CAP (1.544)											
	Average Loop Cost	\$758.36	1.000000	\$758.36							
	Incremental Cost of a T1 on the Fujitsu	\$466.23	1.000000	\$466.23							
	Slot on the DSX	\$17.65	1.000000	\$17.65							
	Pairgain Co Unit Cost	\$295.00	1.000000	\$295.00							
	Pairgain REM Unit	\$295.00	1.000000	\$295.00							
	Total			\$1,832.24							
	Cross Over Point up to 6	crossover 3	USED	\$1,640.25	135	na	na	\$221,434	\$715,122	\$5,297.20	\$ 441.43
HI CAP DS3											
	Average Loop Cost	\$758.36	1.000000	\$758.36							
	DS3 Off the Fujitsu OC48	\$5,193.92	1.000000	\$5,193.92							
	Cost of a DSX Panel for the DS3	\$2,703.67	1.000000	\$2,703.67							
	Pairgain Co Unit Cost	\$295.00	1.000000	\$295.00							
	Pairgain REM Unit	\$295.00	1.000000	\$295.00							
	Total			\$9,245.94	6	na	na	\$55,476	\$179,159	#####	\$2,488.32
	Crossover Point up to 6		NOT USED	\$3,280.50	0	na	na	\$0	\$0	\$ -	\$ -
Total								\$355,005		\$1,146,492	
Checksum										\$1,146,492	

The High Capacity rate is in compliance with CC Docket 85-166 "In The Matter of Investigation of Special Access Tariffs of LEC" released January 19, 1990 in regards to Hi Cap rates not exceeding 8 times the 4W VG rate.

**The Chillicothe Telephone Company**  
**Special Access Rates**  
**Annual Access Tariff Filing - 2003/2004**

		Equipment	Quantity Used	Typical		Average	Monthly	Weighted			One-year*
ype of Servic	Type of Equipment	Cost	By Average	Unloaded	Monthly	Miles	Demand	Rate	Revenue	Rate per	Rate per
			Circuit	Investment	Demand	BIP *MILES	Miles	Relations	Requirement	Year	Month
Channel Mileage (Termination Revenue Requirement) - Per Mile											
						Per Special Access (ERS) File					
Voice Grade 2 Wire											
	Channel Units	\$100.00	1.000000	\$100.00							
	Multiplexer	\$1,363.00	0.020833	\$28.40							
	Channel Bank	\$2,500.00	0.020833	\$52.08							
	Total			\$180.48	0	0	0.00	\$0	\$0	\$0.00	\$0.00
Voice Grade 4 Wire											
	Channel Units	\$125.00	1.000000	\$125.00							
	Multiplexer	\$1,363.00	0.020833	\$28.40							
	Channel Bank	\$2,500.00	0.020833	\$52.08							
	Total			\$205.48	14	8.1500	114.10	\$2,877	\$393	\$3.44	\$0.29
Digital Data											
	Channel Units	\$650.00	0.500000	\$325.00							
	Multiplexer	\$1,363.00	0.020833	\$28.40							
	Channel Bank	\$2,500.00	0.020833	\$52.08							
	Total			\$405.48	195	7.7189	1505.18	\$79,068	\$10,789	\$7.17	\$0.60
HI CAP (1.544)											
	Office Repeater	\$240.00	0.666667	\$160.00							
	Multiplexer	\$1,363.00	0.500000	\$681.50							
	Channel Units	\$396.00	1.000000	\$396.00							
	Channel Bank	\$2,500.00	0.500000	\$1,250.00							
	Total			\$2,487.50	295	7.6034	2243.00	\$733,813	\$100,131	\$44.64	\$3.72
	Cross Over Point up to 6		not used	\$1,232.88							
HI CAP DS3											
OCCs FaciliOC48											
x/Sprint	Channel Units (Cards)	\$1,363.00	1.000000	\$1,363.00							
	Multiplexor (ADM600)	\$11,262.00	0.333330	\$3,753.96							
	Total			\$5,116.96	21	7.8429	164.70	\$107,456	\$14,663	\$89.03	\$7.42
	Cross Over Point up to 6		not used	\$1,232.88							
Total								\$923,214	\$125,976		
Checksum									\$125,976		

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**Special Access Rates**  
**Annual Access Tariff Filing - 2003/2004**

ype of Servic	Type of Equipment	Equipment Cost	Quantity Used By Average Circuit	Typical Unloaded Investment	Monthly Demand	Average Miles BIP *MILES	Monthly Demand Miles	Weighted Rate Relations	Revenue Requirement	Rate per Year	One-year* Rate per Month
<b>Channel Mileage (Facility Revenue Requirement) - Per Mile</b>											
Voice Grade 2 Wire											
2 Pair Copper		\$28,386.00	0.249300	\$7,076.63	0	0.0000	0.00	\$0	\$0	\$ -	\$ -
(1 Mile to Ohio Bell repeaters)											
Voice Grade 4 Wire											
2 Pair Copper		\$28,386.00	0.249300	\$7,076.63	14	8.1500	114.10	\$99,073	\$1,024	\$ 8.97	\$ 0.75
(1 Mile to Ohio Bell repeaters)											
Digital Data											
2 Pair Copper		\$28,386.00	0.249300	\$7,076.63	195	7.7189	1505.18	\$1,379,943	\$14,257	\$ 9.47	\$ 0.79
(1 Mile to Ohio Bell repeaters)											
HI CAP (1.544)											
2 Pair Copper		\$28,386.00	0.249300	\$7,076.63							
(1 Mile to Ohio Bell repeaters)											
Cross over Point of 6			<b>used 6 #####</b>		295	7.6034	2243.00	\$12,525,635	\$129,414	\$ 57.70	\$ 4.81
HI CAP DS3			<u>ratio of circuits</u>								
OCC Facilit Fiber Transport		\$28,386.00	0.249300	\$7,076.63							
x/Sprint (KINGSTON-MASSIEVILLE-RING)			<b>used 4 #####</b>		21	7.8429	164.70	\$594,437	\$6,142	\$ 37.29	\$ 3.11
Cross over Point of 6											
Total								<u>\$14,599,087</u>	<u>\$150,837</u>		
Checksum								<u>\$150,837</u>			

**The Chillicothe Telephone Company  
Traffic Sensitive - Demand Summary  
Annual Access Tariff Filing - 2003/2004**

<u>Line #</u>	<u>Rate Elements</u>	<u>Proposed Annual Demand</u>	<u>Proposed PIU</u>	<u>Proposed BIP*Miles</u>
<b>1</b>	<b>MINUTES OF USE (MOU)</b>	85,534,538		na
<b>2</b>	<b>800 QUERY MESSAGES</b>	11,222,550		na
<b>3</b>	<u>Transport</u>			
<b>4</b>	Entrance Facility			
<b>5</b>	Voice Grade	192	76.00%	na
<b>6</b>	High Capacity	216	76.00%	na
<b>7</b>	Direct Trunk Termination			
<b>8</b>	Voice Grade	180	94.00%	na
<b>9</b>	High Capacity	684	84.00%	na
<b>10</b>	Direct Trunked Facility			
<b>11</b>	Voice Grade	180	95.00%	7.1677
<b>12</b>	High Capacity	684	84.00%	6.9059
<b>13</b>	<u>Local Switching</u>			
<b>14</b>	Local Switching (NECA rate band 1)	85,534,538	na	na
<b>15</b>	Information (NECA set to per minute)	85,534,538	na	na
<b>16</b>	CTC 800 Query	11,222,550	na	na
<b>17</b>	800 Vertical	na	na	na
<b>18</b>	Switched NRC	na	na	na
<b>19</b>	Switched Miscellaneous	na	na	na
<b>20</b>	<u>Special Access</u>			
<b>21</b>	CT-2W	24	na	8.1500
<b>22</b>	CT-4W	108	na	na
<b>23</b>	CT-4W Channel Mileage	168	na	8.1500
<b>24</b>	CT-DDS (56K)	1,200	na	na
<b>25</b>	CT-DDS (56K) - Channel Mileage	2,340	na	7.7189
<b>26</b>	CT-HC (T1)	1,620	na	na
<b>27</b>	CT-HC (T1) - Channel Mileage	3,540	na	7.6034
<b>28</b>	CT-HF (DS3)	72	na	na
<b>29</b>	CT-HF (DS3) - Channel Mileage	252	na	7.8429