

**The Chillicothe Telephone Company**  
**Special Access Rates**  
**Annual Access Tariff Filing**  
**Effective July 2, 2002**

Type of Service	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	10	na	na	\$5,468	\$16,480	\$ 1,648.00	\$ 137.33
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	120	na	na	\$87,810	\$264,675	\$ 2,205.63	\$ 183.80
HI CAP (1.544)											
	Average Loop Cost	\$758.36	1.000000	\$758.36							
	Incremental Cost of a T1 on the Fi	\$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	159	na	na	\$260,800	\$786,097	\$ 4,944.01	\$ 412.00
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	\$167,214	\$ 27,868.93	\$ 2,322.41
	Crossover Point up to 6		NOT USED	\$3,280.50	0	na	na	\$0	\$0	\$ -	\$ -
Total								\$409,553	\$1,234,466		
Checksum								\$1,234,466			

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.

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Note: If we use the 2 monthly demand for 2W VG the rate will be 164.22 which is too high. Leave demand at zero for UIS.

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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	17	8.3412	141.80	\$3,493	\$706	\$4.98	\$0.42
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	202	7.8325	1582.17	\$81,907	\$16,566	\$10.47	\$0.87
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	210	7.8457	1647.60	\$522,375	\$105,650	\$64.12	\$5.34
	Cross Over Point up to 6		not used	\$1,232.88							
HI CAP DS3 OCCs Facility x/Sprint	OC48										
	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	5	7.6273	38.14	\$25,585	\$5,174	\$135.68	\$11.31
	Cross Over Point up to 6		not used	\$1,232.88							
Total								\$633,360	\$128,096		
Checksum									\$128,096		

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<b>Channel Mileage (Facility Revenue Requirement) - Per Mile</b>											
Voice Grade 2 Wire											
	2 Pair Copper (1 Mile to Ohio Bell repeaters)	\$28,386.00	0.249300	\$7,076.63	0	0.0000	0.00	\$0	\$0	\$ -	\$ -
Voice Grade 4 Wire											
	2 Pair Copper (1 Mile to Ohio Bell repeaters)	\$28,386.00	0.249300	\$7,076.63	17	8.3412	141.80	\$120,303	\$1,685	\$ 11.88	\$ 0.99
Digital Data											
	2 Pair Copper (1 Mile to Ohio Bell repeaters)	\$28,386.00	0.249300	\$7,076.63	202	7.8325	1582.17	\$1,429,479	\$20,020	\$ 12.65	\$ 1.05
HI CAP (1.544)											
	2 Pair Copper (1 Mile to Ohio Bell repeaters) <i>Cross over Point of 6</i>	\$28,386.00	0.249300	\$7,076.63							
			<b>used 6</b>	\$42,459.78	210	7.8457	1647.60	\$8,916,554	\$124,876	\$ 75.79	\$ 6.32
HI CAP DS3 OCC Facility x/Sprint	Fiber Transport (KINGSTON-MASSIEVILLE-RING) <i>Cross over Point of 6</i>	\$28,386.00	<u>ratio of circuits</u> 0.249300	\$7,076.63	5	7.6273	38.14	\$141,533	\$1,982	\$ 51.98	\$ 4.33
Total								<u>\$10,607,868</u>	<u>\$148,563</u>		
Checksum									\$148,563		



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Composite  
Revenue

\$2,391.32
\$36,585.35
\$230,525.68
<u>\$7,156.65</u>
<u><u>\$276,659.00</u></u>



















