Confidential Release

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Section 28

Document Description

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LIBERTY

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.76 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411,10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT			-					
16		1							
17	EQUIPMENT INVESTMENT	Ì	\$1,455.73	\$328.68	\$179.28	\$804.29	\$51.88	\$68.62	\$22.98
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$841.63	\$59.87	\$117.21	\$577.96	\$37.28	\$49.31	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$5,962.98	\$230.68	\$911.82	\$4,090.72	\$263.87	\$349.01	\$116.88
20	SOFTWARE		\$0.00						
21		(Ln 5 * Lns 17+19)	\$0.00						
22		(Sum La 17La 21)	\$8,260.34	\$619.24	\$1,208.31	\$5,472.96	\$353.03	\$466.94	\$139.86
23		į	Į						
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25		l						1	
26		(Ln 9° Ln 22)	\$1,210.03	\$127.88	\$168.06	\$780.77	\$49 .91	\$65.42	\$17.98
27		(Ln 10 ° Ln 22)	\$301.78	\$15.91	\$45.63	\$205.92	\$13.00	\$16.81	\$4.51
28		(Ln 11 ° Ln 22)	\$99.48	\$38.09	\$36.55	\$19.61	\$2.10	\$1.84	\$1.29
29		(Ln 12 ° Ln 22)	\$132.92	\$9.96	\$19.44	\$88.07	\$5.68	\$7.51	\$2.25
30	1						Ì		
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,744.21		-		1		
32									
	COST PER MONTH	(Ln 31 / 12)	\$145.35					Ì	
34		. 1							
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$4.65						
37		1							
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$150.00						
39									

Fiber Loop	LIBERTY		F	acility Length	1.76	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,127.04	ENGINEER COST \$984.19	INSTALL COST \$4,748.10	E&I TOTAL \$5,732.30	TOTAL \$6,859.34
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	S	\$1,455.73	\$987.95	\$4,975.03	\$5,962.98	\$7,418.71
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	\$226.92	\$230.68	\$559 .36
TOTAL 2232 Accoun	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$179.28	\$156.55	\$755.27	\$911.82	\$1,091.10
Aerial Cable Investments	2421.20	\$804.29	\$702.35	\$3,388.37	\$4,090.72	\$4,895 .00
Underground Cable Investments	2422.20	\$51.88	\$45.30	\$218.57	\$263.87	\$315.75
Buried Cable Investments	2423.20	\$68.62	\$59.92	\$289.08	\$349.01	\$417.63
Conduit Investments	2441.10	\$22.98	\$20.07	<u>\$96.81</u>	<u>\$116.88</u>	<u>\$139.86</u>
TOTAL 24XX Accoun	nt	\$1,127.04	\$984.19	\$4,748.10	\$5,732.30	\$6,859.34

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LOUDONVILLE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.35 Miles

ļ	NVESTMENT / COST FACTORS			Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WA PROPERTY TAX SALES, ADV, MKTG	HOLESALE	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15	I INVESTMENT								
16	j				1	1	}		
17	EQUIPMENT INVESTMENT		\$1,101.39	\$328.68	\$68.86	\$308.93	\$19.95	\$366.13	\$8.84
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$604.32	\$59.87	\$45.02	\$222.00	\$14.33	\$263.10	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$4,025.82	\$230.68	\$338.21	\$1,517.31	\$97.97	\$1,798.25	\$43.39
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17. l n 21)	\$5,731.53	\$619.24	\$452.09	\$2,048.24	\$132.25	\$2,427.48	\$52.23
23	ı								
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25	j	_		[[1			
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$848.50	\$127.88	\$62.88	\$292.20	\$18.70	\$340.12	\$6.71
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$203.98	\$15.91	\$17.07	\$77.07	\$4.87	\$87.37	\$1.68
28	MAINTENANCE & SUPPORT	(Lm 11 * Lm 22)	\$69.96	\$38.09	\$13.67	\$7.34	\$0.79	\$9.58	\$0.48
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$92.23	\$9.96	\$7.27	\$32.96	\$2.13	\$39.06	\$0.84
30).				ļ	ļ	ļ		
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,214.65			-			
32	2					1			
33	COST PER MONTH	(Ln 31 / 12)	\$101.22						
34	ł								
35	<i>j</i>					ŀ			
36	SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$3.24						
37	'								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$104.46				j		
39		ļ							

Fiber Loop	LOUDONVILLE		F	acility Length	1.35	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FGC ACCT 24XX.XX	MATERIAL COST \$772.70	ENGINEER COST \$688.69	INSTALL COST \$3,106.44	E&I TOTAL \$3,795.14	TOTAL \$4,567.84
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS .	\$1,101.39	\$692.45	\$3,333.37	\$4,025.82	\$5,127.20
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accou	ınt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$68.86	\$61.37	\$276.84	\$338.21	\$407.07
Aerial Cable Investments	2421.20	\$308.93	\$275.34	\$1,241.97	\$1,517.31	\$1,826.25
Underground Cable Investments	2422.20	\$19.95	\$17.78	\$80.19	\$97.97	\$117.92
Buried Cable Investments	2423.20	\$366.13	\$326.32	\$1,471.92	\$1,798.25	\$2,164.38
Conduit Investments	2441.10	\$8.84	<u>\$7.87</u>	\$35.52	\$43.39	\$52.23
TOTAL 24XX Accou	unt	\$772.70	\$688.69	\$3,106.44	\$3,795.14	\$4,567.84

GTE COMPANY

Fiber Loop	LODI		F	Facility Length	2.31	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,433.85	ENGINEER COST \$1,259.39	install cost \$5,725.83	E&I TOTAL \$6,985.22	TOTAL \$8,419.07
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$ 115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	NTS :	\$1,762.53	\$1,263.14	\$5,952.76	\$7,215.90	\$8,978.43
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL.	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$201.26	\$176.77	\$803.69	\$980.46	\$1,181.72
Aerial Cable Investments	2421.20	\$902.90	\$793.05	\$3,605.61	\$4,398.65	\$5,301.56
Underground Cable Investments	2422.20	\$58.29	\$51.20	\$232.76	\$283.95	\$342.24
Buried Cable Investments	2423.20	\$245.58	\$215.70	\$980.68	\$1,196.37	\$1,441.95
Conduit Investments	2441.10	<u>\$25.82</u>	\$22.68	\$103.10	<u>\$125.77</u>	\$ 151.59
TOTAL 24XX Acco	unt	\$1,433.85	\$1,259.39	\$5,725.83	\$6,985.22	\$8,419.07

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LODI

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.31 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.00358	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT				AND THE PROPERTY OF THE PROPER				
16	FOUNDLIENT INVESTMENT	3	64 700 FO	#200 CO	6004.00	*000.00	6 50.00	#04E 60	ድባድ በብ
17	EQUIPMENT INVESTMENT		\$1,762.53	\$328.68	\$201.26	\$902.90	\$58.29	\$245.58	\$25.82
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$1,058.64	\$59.87	\$131.59	\$648.82	\$41.88	\$176.47	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$7,215.90	\$230.68	\$980.46	\$4,398.65	\$283.95	\$1,196.37	\$125.77
20	SOFTWARE		\$0.00			i		Ì	
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$10,037.07	\$619.24	\$1,313.31	\$5,950.38	\$384.13	\$1,618.42	\$151.59
23					1		į		
	ANNUAL OPERATING EXPENSE	<u>\$</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,459.98	\$127.88	\$182.66	\$848.88	\$54.31	\$226.76	\$19.49
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$366.67	\$15.91	\$49.59	\$223.89	\$14.14	\$58.25	\$4.89
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$109.21	\$38.09	\$39.72	\$21.32	\$2.29	\$6.39	\$1.40
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$161.51	\$9.96	\$21.13	\$95.75	\$6.18	\$26.04	\$2.44
30						1	i		
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,097.37			1			
32				1					
33	COST PER MONTH	(Ln 31 / 12)	\$174.78						
34									
35							1		
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$5.60	ļ		1			
37		,	V						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$180.38						
39									
V V						. 1		1	

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

LOGAN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.58 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Buried Cable Nonmetallic	Conduit
		2232.23	2411,10	2421.20	2422.20	2423.20	2441.00
1 2 INVESTMENT LOADINGS							
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR			*****	***	•		
6							
7 ANNUAL EXPENSE FACTORS							
8							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX	i	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT				ge very minimum en man				
17	EQUIPMENT INVESTMENT		\$2,411,77	\$328.68	\$207.95	\$932.91	\$60.26	\$855.28	\$26.69
18	MATERIAL LOADINGS	(Ln 4* Ln 17)	\$1,524.11	\$59.87	\$135.96	\$670.38	\$43.30	\$614.60	\$0.00
19	ENGINEERING & INSTALLATI	on I	\$9,975,11	\$230.68	\$972.75	\$4,364.05	\$281.89	\$4,000.88	\$124.86
20	SOFTWARE		\$0.00	,					·
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	;					
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$13,910.99	\$619.24	\$1,316.66	\$5,967.34	\$385.45	\$5,470.75	\$151.55
23						.			
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25					1	Į.	1	•	
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$2,002.81	\$127.88	\$183.13	\$851.30	\$54.50	\$766.52	\$19.48
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$506.14	\$15.91	\$49.72	\$224.53	\$14.19	\$196.91	\$4.89
28	MAINTENANCE & SUPPORT	(La 11 ° La 22)	\$124.59	\$38.09	\$39.82	\$21.38	\$2.30	\$21.60	\$1.40
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$223.84	\$9.96	\$21.19	\$96.02	\$6.20	\$88.03	\$2.44
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,857.39						
32			j	Ì					
33	COST PER MONTH	(Ln 31 / 12)	\$238.12						
34				ļ		1			
35	i.			-		į	İ		
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$7.62						
37						}			
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$245.74						
39									

Fiber Loop	LOGAN		F	Facility Length	3.58	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,083.08	ENGINEER COST \$1,851.19	INSTALL COST \$7,893.23	E&I TOTAL \$9,744.43	TOTAL \$11,827.51
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	rs	\$2,411.77	\$1,854.95	\$8,120.16	\$9,975.11	\$12,386.87
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230,68	<u>\$559.36</u>
TOTAL 2232 Accou	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$207.95	\$184.80	\$787.95	\$972.75	\$1,180.70
Aerial Cable Investments	2421.20	\$932.91	\$829.06	\$3,534.99	\$4,364.05	\$5,296.96
Underground Cable Investments	2422.20	\$60.26	\$53.55	\$228.34	\$281.89	\$342.15
Buried Cable Investments	2423.20	\$855.28	\$760.07	\$3,240.82	\$4,000.88	\$4, 856.16
Conduit Investments	2441.10	\$26.69	\$23.72	<u>\$101,14</u>	\$124.86	<u>\$151.55</u>
TOTAL 24XX Accou	nt	\$2,083.08	\$1,851.19	\$7,893.23	\$9,744.43	\$11,827.51

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LEESBURG

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

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Facility Length 1.12 Miles

			Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
1	INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 3	INVESTMENT LOADINGS			·		_		
4	MATERIAL LOADINGS		- 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR	1						
6		İ						
7	ANNUAL EXPENSE FACTORS							ĺ
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX	İ	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX]	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						I

1	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT						1		
16				ĺ					
17	EQUIPMENT INVESTMENT		\$948.66	\$328.68	\$41.44	\$185.90	\$11.98	\$375.35	\$5.31
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$498.89	\$59.87	\$27.09	\$133.59	\$8.61	\$269.73	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$3,296.34	\$230.68	\$204.90	\$919.23	\$59.24	\$1,856.04	\$26.24
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,743.89	\$619.24	\$273.43	\$1,238.72	\$79.83	\$2,501.13	\$31.55
23						1			
	ANNUAL OPERATING EXPENSE	<u>\$</u>		Ì					
25					Ì	İ			
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$708.41	\$127.88	\$38.03	\$176.72	\$11.29	\$350.44	\$4.06
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$166.82	\$15.91	\$10.33	\$46.61	\$2.94	\$90.02	\$1.02
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$61.44	\$38.09	\$8.27	\$4.44	\$0.48	\$9.88	\$0.29
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$76.33	\$9.96	\$4.40	\$19.93	\$1.28	\$40.25	\$0.51
30		_ [Ì		
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,013.01						
32		Ì				1			
	COST PER MONTH	(Ln 31 / 12)	\$84.42						
34									
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$2.70						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$87.12	į					
39									

Fiber Loop

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Facility Length

1.12

Miles

LEESBURG

2422.20

2423.20

2441.10

Underground Cable Investments
Buried Cable Investments

TOTAL 24XX Account

Conduit Investments

SYSTEM INVESTMENT						
		MATERIAL	ENGINEER	INSTALL	E&I	
ITEM	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
12 Fiber Cable	24XX.XX	\$619.98	\$555.82	\$2,509.84	\$3,065.66	\$3,685.64
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
TOTAL ali ACCOUN	ırs	\$948.66	\$559.57	\$2,736.77	\$3,296.34	\$4,245.00
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$41.44	\$37.15	\$167.75	\$204.90	\$246.34
Aerial Cable Investments	2421.20	\$185.90	\$166.66	\$752.57	\$919.23	\$1,105.13

\$11.98

\$375.35

\$619.98

<u>\$5.31</u>

\$10.74

\$336.51

\$555.82

<u>\$4.76</u>

\$48.50

\$21.48

\$1,519.54

\$2,509.84

\$59.24

\$26.24

\$1,856.04

\$3,065.66

\$71.22

\$31.55

\$2,231.40

\$3,685.64

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LETART FALLS

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.14 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609		0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>		ļ						
16									
17	EQUIPMENT INVESTMENT		\$1,620.98	\$328.68	\$159.50	\$715.57	\$4 6.16	\$350.61	\$20.45
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$963.49	\$59.87	\$104.28	\$514.21	\$33.17	\$251.95	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$6,491.88	\$230.68	\$772.79	\$3,466.97	\$223.66	\$1,698.72	\$99.07
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$9,076.35	\$619.24	\$1,036.58	\$4,696.75	\$302.99	\$2,301.28	\$119.51
23						-			
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25					İ		ļ		
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,322.73	\$127.88	\$144.17	\$670.04	\$42.84	\$322.44	\$15.36
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$329.61	\$15.91	\$39.14	\$176.72	\$11.15	\$82.83	\$3.86
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$98.27	\$38.09	\$31.35	\$16.83	\$1.81	\$9.09	\$1.11
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$146.05	\$9.96	\$16.68	\$75.58	\$4.88	\$37.03	\$1.92
30									
-	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,896.66						
32								}]
4	COST PER MONTH	(Ln 31 / 12)	\$158.05						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$5.06						
37		ļ	6/80 //						
1	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$163.11		l			į	
39									

Fiber Loop	LETART FALLS		F	acility Length	2.14	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,292.30	ENGINEER COST \$1,140.79	INSTALL COST \$5,120.41	E&I TOTAL \$6,261.20	TOTAL \$7,553.50
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$1 15.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	T\$	\$1,620.98	\$1,144.54	\$5,347.34	\$6,491.88	\$8,112.86
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accou	ınt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$159.50	\$140.80	\$631.99	\$772.79	\$932,29
Aerial Cable Investments	2421.20	\$715.57	\$ 631.68	\$2,835.29	\$3,466.97	\$4,182.54
Underground Cable Investments	2422.20	\$46.16	\$40.75	\$182.91	\$223.66	\$269.82
Buried Cable Investments	2423.20	\$350.61	\$309.51	\$1,389.22	\$1,698.72	\$2,049.33
Conduit Investments	2441.10	<u>\$20.45</u>	<u>\$18.05</u>	<u>\$81.02</u>	\$99.07	\$1 19.51
TOTAL 24XX Accou	ınt	\$1,292.30	\$1,140.79	\$5,120.41	\$6,261.20	\$7,553.50

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LUCASVILLE

VS + VIS

Facility Length 6.78 Miles

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

	NVESTMENT / COST FACTORS			Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT PROPERTY TAX SALES, ADV, MKTG	WHOLESALE	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>								
16				}			1	ļ	
17	EQUIPMENT INVESTMENT		\$4,601.88	\$328.68	\$639.25	\$2,867.87	\$185.06	\$499.05	\$81.97
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$3,030.25	\$59.87	\$417.95	\$2,060.83	\$132.98	\$358.62	\$0.00
19	ENGINEERING & INSTALLATI	ON .	\$20,480.71	\$230.68	\$3,029.31	\$13,590.38	\$876.96	\$2,364.94	\$388.44
20	SOFTWARE		\$0.00	:	11 m			i i	
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00					İ	
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$28,112.85	\$619.24	\$4,086.51	\$18,519.08	\$1,195.00	\$3,222.60	\$470.41
23			i	ŀ	1				
24	ANNUAL OPERATING EXPENSE	<u>s</u>		ľ	***************************************	1		1	
25	-				[· \	ſ	1	
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$4,019.14	\$127.88	\$568.38	\$2,641.93	\$168.96	\$451.53	\$60.47
27	COMPOSITE INCOME TAX	[Ln 10 * Ln 22]	\$1,042.17	\$15.91	\$154.31	\$696.79	\$43.99	\$115.99	\$15.17
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$252.24	\$38.09	\$123.60	\$66.35	\$7.13	\$12.72	\$4.35
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$452.36	\$9.96	\$65.76	\$297.99	\$19.23	\$51.85	\$7.57
30		,							
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$5,765.92	Ì		Ì			
32							·		
33	COST PER MONTH	(Ln 31 / 12)	\$480.49			Į.			
34				1					
35				İ					
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$15.38						
37	• • • • • • • • • • • • • • • • • • • •	•							
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$495.88						
39	ł								

Fiber Loop	LUCASVILLE		F	acility Length	6.78	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FGC ACCT 24XX.XX	MATERIAL COST \$4,273.20	ENGINEER COST \$3,742.67	INSTALL COST \$16,507.36	E&I TOTAL \$20,250.03	TOTAL \$24,523.23
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS .	\$4,601.88	\$3,746.42	\$16,734.29	\$20,480.71	\$25,082.59
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Accou	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$639.25	\$559.89	\$2,469.42	\$3,029.31	\$3,668.56
Aerial Cable Investments	2421.20	\$2,867.87	\$2,511.81	\$11,078.57	\$13,590.38	\$16,458.25
Underground Cable Investments	. 2422.20	\$185.06	\$162.08	\$714.88	\$876.96	\$1,062.02
Buried Cable Investments	2423.20	\$499.05	\$437.09	\$1,927.84	\$2,364.94	\$2,863.99
Conduit Investments	2441.10	<u>\$81.97</u>	<u>\$71.79</u>	\$316.65	\$388.44	<u>\$470.41</u>
TOTAL 24XX Accou	unt	\$4,273.20	\$3,742.67	\$16,507.36	\$20,250.03	\$24,523.23

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LEWISBURG

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.28 Miles

INVESTMENT / COST FACTORS	Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 7 ANNUAL EXPENSE FACTORS	0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 CAPITAL RECOVERY 10 COMPOSITE INCOME TAX 11 MAINTENANCE & SUPPORT WHOLESALE 12 PROPERTY TAX 13 SALES, ADV, MKTG 0.032	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT			İ			-	į	1
16								***	***
17			\$1,808.79	\$328.68	\$247.30	\$1,109.45	\$71.59	\$20.06	\$31.71
18		(Ln 4* Ln 17)	\$1,084.66	\$59.87	\$161.69	\$797.25	\$51.44	\$14.41	\$0.00
19		ON	\$7,586.94	\$230.68	\$1,229.10	\$5,514.09	\$355.79	\$99.69	\$157.59
20			\$0.00			i		į	
21	Ē	(Ln 5 * Lns 17+19)	\$0.00						
22		(Sum Ln 17,.Ln 21)	\$10,480.38	\$619.24	\$1,638.08	\$7,420.79	\$478.81	\$134.16	\$189.30
23			ļ	ļ		į		į	
	ANNUAL OPERATING EXPENSE	§]					
25	1		j					i :	
26		(La 9 ° La 22)	\$1,525.19	\$127.88	\$227.83	\$1,058.65	\$67.70	\$18.80	\$24.33
27		(Ln 10 ° Ln 22)	\$385.54	\$15.91	\$61.86	\$279.21	\$17.62	\$4.83	\$6.11
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$119.36	\$38.09	\$49.55	\$26.59	\$2.85	\$0.53	\$1.75
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$168.64	\$9.96	\$26.36	\$119.41	\$7.70	\$2.16	\$3.05
30						-			
31	TOTAL ANNUAL COST	(Sum Ln 25.,Ln 29)	\$2,198.73			Ì			
32					}	·	İ		
33	COST PER MONTH	(Ln 31 / 12)	\$183.23	İ	-			j	
34			.	į		l			
35		•						Ì	
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$5.87						
37		•							
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$189.09						
39									
	<u></u>			!					

GTE COMPANY

Fiber Loop	LEWISBURG		F	acility Length	2.28	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,480.10	ENGINEER COST \$1,289.19	INSTALL COST \$6,067.06	E&I TOTAL \$7,356.25	TOTAL \$8,836.36
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113,46	\$115.34	\$279.68

TOTAL all ACCOUN	ITS	\$1,808.79	\$1,292.95	\$6,293.99	\$7,586.94	\$9,395.72
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$247.30	\$215.40	\$1,013.70	\$1,229.10	\$1,476.39
Aerial Cable Investments	2421.20	\$1,109.45	\$966.35	\$ 4,547.74	\$5,514.09	\$6,623.54
Underground Cable Investments	2422.20	\$71.59	\$62.35	\$293.43	\$355.79	\$427.37
Buried Cable Investments	2423.20	\$20.06	\$17.47	\$82.22	\$99.69	\$119.75
Conduit Investments	2 44 1.10	<u>\$31.71</u>	\$27.62	\$129.97	<u>\$157.59</u>	\$189.30
TOTAL 24XX Acco	unt	\$1,480.10	\$1,289.19	\$6,067.06	\$7,356.25	\$8,836.36

GTE

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LOWELL

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 5.28 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 <u>INVESTMENT LOADINGS</u>							
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR	!						
6 7 <u>ANNUAL EXPENSE FACTORS</u>							
9 CAPITAL RECOVERY	ĺ	0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE	ļ	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT								
16 17			\$3,769.82	\$328.68	\$582.86	\$2,614.88	\$168.68	\$0.00	\$74.72
18	1	(Ln 4° Ln 17)	\$2,441.20	\$59.87	\$381.08	\$1,879.03	\$121.22	\$0.00	\$0.00
19	l '	` ' 1	\$16,816.05	\$230.68	\$2,809.23	\$12,603.02	\$813.01	\$0.00	\$360.11
20			\$0.00	,	,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,	,,,,,,,,,	,,,,,,	
21		(Ln 5 * Lns 17+19)	\$0.00			\$			
22		(Sum Ln 17Ln 21)	\$23,027.07	\$619.24	\$3,773.16	\$17,096.93	\$1,102.91	\$0.00	\$434.83
23		,					. ,		
	ANNUAL OPERATING EXPENSE	s							
25									
26		(Ln 9 ° Ln 22)	\$3,303.55	\$127.88	\$524.80	\$2,439.04	\$155.94	\$0.00	\$55.89
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$856.30	\$15.91	\$142.48	\$643.28	\$40.60	\$0.00	\$14.03
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$224.07	\$38.09	\$114.12	\$61.26	\$6.58	\$0.00	\$4.02
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$370.53	\$9.96	\$60.71	\$275.11	\$17.75	\$0.00	\$7.00
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$4,754.45		Ĭ		Ì		
32									
33	COST PER MONTH	(Ln 31 / 12)	\$396.20						
34									
35		I.							
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$12.68						
37	ì								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$408.89						
39				<u> </u>					

OHIO

GTE COMPANY

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	LOWELL		F	acility Length	5.28	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$3,441.14	ENGINEER COST \$2,995.05	INSTALL COST \$13,590.32	E&I TOTAL \$16,585.37	TOTAL \$20,026.50
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$1 15.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	NTS .	\$3,769.82	\$2,998.81	\$13,817.24	\$16,816.05	\$20,585.87
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Acco	eunt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$582.86	\$507.30	\$2,301.92	\$2,809.23	\$3,392.08
Aerial Cable Investments	2421.20	\$2,614.88	\$2,275.90	\$10,327.12	\$12,603.02	\$15,217.89
Underground Cable Investments	2422.20	\$168.68	\$146.82	\$666.19	\$813.01	\$981.70
Buried Cable Investments	2423.20	\$0.00	\$0.00	\$0.00	\$0.00	
Conduit Investments	2441.10	<u>\$74.72</u>	\$65.03	\$295.08	\$360.11	<u>\$434.83</u>
TOTAL 24XX Acco	unt	\$3,441.14	\$2,995.05	\$13,590.32	\$16,585.37	\$20,026.50

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

LOWER SALEM

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 5.74 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Egpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 <u>INVESTMENT LOADINGS</u> 3		***************************************					
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR							
6							
7 ANNUAL EXPENSE FACTORS							
8							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12 PROPERTY TAX	1	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	<u>INVESTMENT</u>								
16 17	EQUIPMENT INVESTMENT		\$4.000 E0	\$328.68	¢622.71	#2 042 DO	\$183.08	\$0.00	\$81.09
18	· · · · · · · · · - · · · · · · ·		\$4,069.56		\$633.71	\$2,843.00	. 1	, ,	\$0.00
19		(Ln 4 * Ln 17)	\$2,648.72	\$59.87	\$414.33	\$2,042.97	\$131.56	\$0.00	
		ON	\$18,229.40 \$0.00	\$230.68	\$3,049.00	\$13,678.71	\$880.85	\$0.00	\$390.16
20 21	INVESTMENT FACTOR		\$0.00 } \$0.00 }						
		(Ln 5 * Lns 17+19)	1	6040.04	\$4,097.03	£40 EC4 C0	\$1,195.49	£0.00	\$471.26
22 23	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$24,947.69	\$619.24	\$4,097.03	\$18,564.68	\$1,190.49	\$0.00	\$471.20
		۱ ا				;			
	ANNUAL OPERATING EXPENSE	<u>s</u>						-	
25		Ì	A0 575 70	A 407.00	0500.04	00.040.40	2450.00	60.00	****
26		(Ln 9 * Ln 22)	\$3,575.76	\$127.88	\$569.84	\$2,648.43	\$169.03	\$0.00	\$60.58
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$928.34	\$15.91	\$154.71	\$698.51	\$44.01	\$0.00	\$15.20
28		(Ln 11 ° Ln 22)	\$240.01	\$38.09	\$123.92	\$66.51	\$7.13	\$0.00	\$4.36
29		(Ln 12 ° Ln 22)	\$401.43	\$9.96	\$65.93	\$298.72	\$19.24	\$0.00	\$7.58
30								1	
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$ 5,145.54				-		
32				İ					
	COST PER MONTH	(Ln 31 / 12)	\$428.79						
34		1		ļ				1	
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$13.73						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$442.52						
39								i i	

Fiber Loop	LOWER SALEM		F	acility Length	5.74	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$3,740.88	ENGINEER COST \$3,255.92	INSTALL COST \$14,742.80	E&I TOTAL \$17,998.72	TOTAL \$21,739.61
FIBER PANEL CDL	2232,23	\$ 164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS	,	\$4,069.56	\$3,259.68	\$14,969.72	\$18,229.40	\$22,298.97
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Account	t	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$633.71	\$551.56	\$2,497.44	\$3,049.00	\$3,682.71
Aerial Cable Investments	2421,20	\$2,843.00	\$2,474.44	\$11,204.27	\$13,678.71	\$16,521.71
Underground Cable Investments	2422.20	\$183.08	\$159.34	\$721.51	\$880.85	\$1,063.93
Buried Cable Investments	2423.20	\$0.00	\$0.00	\$0.00	\$0.00	
Conduit Investments	2441,10	\$81.09	<u>\$70.58</u>	\$319.58	\$390.16	<u>\$471.26</u>
TOTAL 24XX Accoun	t	\$3,740.88	\$3,255.92	\$14,742.80	\$17,998.72	\$21,739.61

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

LYNCHBURG

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.28 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHO PROPERTY TAX SALES, ADV, MKTG	1.65ALE 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>								
16 17		j	\$2,849.56	\$328.68	\$271.36	\$1,217.41	\$78.62	\$918.65	\$34.82
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$1,828.75	\$59.87	\$177.42	\$874.83	\$56.50	\$660.14	\$0.00
19		ON	\$12,009.20	\$230.68	\$1,267.91	\$5,688.23	\$367.35	\$4,292.30	\$162.71
20			\$0.00	,	, ,-		·		·
21		(Ln 5 * Lns 17+19)	\$0.00	Ì					
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$16,687.51	\$619.24	\$1,716.70	\$7,780.47	\$502.47	\$5,871.09	\$197.54
23			ļ	ļ					
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$2,395.66	\$127.88	\$238.77	\$1,109.96	\$71.04	\$822.61	\$25.39
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$609.67	\$15.91	\$64.83	\$292.75	\$18.50	\$211.32	\$6.37
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$145.89	\$38.09	\$51.92	\$27.88	\$3.00	\$23.18	\$1.83
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$268.52	\$9.96	\$27.62	\$125.20	\$8.09	\$94.47	\$3.18
30				1					
31	TOTAL ANNUAL COST	(Sum Ln 26.Ln 29)	\$3,419.74						
32									
33	COST PER MONTH	(Ln 31 / 12)	\$284.98	-					
34									•
35				1				ļ	
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$9.12			1			
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$294.10						
39									

Fiber Loop	LYNCHBURG		1	Facility Length	4.28	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,520.87	ENGINEER COST \$2,235.38	install cost \$9,543.14	E&I TOTAL \$11,778.52	TOTAL \$14,299.39
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	uts [\$2,849.56	\$2,239.14	\$9,770.06	\$12,009.20	\$14,858.75
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3 .76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411 .10	\$271.36	\$240.63	\$1,027.28	\$1,267.91	\$1,539.28
Aerial Cable Investments	2421.20	\$1,217.41	\$1,079.54	\$4,608.70	\$5,688.23	\$6,905.65
Underground Cable investments	2422.20	\$78.62	\$69.72	\$297.63	\$367.35	\$445.97
Buried Cable Investments	2423.20	\$918.65	\$814.61	\$3,477.69	\$4,292.30	\$5,210.96
Conduit Investments	2441.10	<u>\$34.82</u>	\$30.88	<u>\$131.83</u>	\$162.7 <u>1</u>	<u>\$197.54</u>
TOTAL 24XX Acco	unt	\$2,520.87	\$2,235.38	\$9,543.14	\$11,778.52	\$14,299.39

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MARION WILSON

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.78 Miles

INVES	TMENT / COST FACTORS			Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 <u>INVES</u> 3	TMENT LOADINGS								 -
4 MAT	TERIAL LOADINGS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVI	ESTMENT FACTOR			Į.					
6									
7 ANNUA	AL EXPENSE FACTORS								
8					;				
9 CAF	PITAL RECOVERY			0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10 COM	MPOSITE INCOME TAX			0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11 MAI	INTENANCE & SUPPORT	WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12 PRC	OPERTY TAX			0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13 SAL	LES, ADV, MKTG		0.03202		;			[

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT								
16 17	EQUIPMENT INVESTMENT		\$2,007.85	\$328.68	\$207.47	\$930.77	\$60.11	\$454 .19	\$26.63
18	MATERIAL LOADINGS	(Ln 4° Ln 17)	\$1,233.94	\$59.87	\$135.65	\$668.85	\$43.20	\$326.37	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$8,265.78	\$230.68	\$992.78	\$4,453.89	\$287.66	\$2,173.35	\$127.42
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00]			
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$11,507.56	\$619.24	\$1,335.89	\$6,053.50	\$390.97	\$2,953.91	\$154.04
23							1		
24	ANNUAL OPERATING EXPENSE	<u>s</u>							ł
25						1			
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,666.24	\$127.88	\$185.80	\$863.59	\$55.28	\$413.88	\$19.80
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$419.81	\$15.91	\$50.45	\$227.77	\$14.39	\$106.32	\$4.97
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$115.60	\$38.09	\$40.41	\$21.69	\$2.33	\$11.66	\$1.42
29	PROPERTY TAX	(La 12 * La 22)	\$185.17	\$9.96	\$21.50	\$97.41	\$6.29	\$47.53	\$2.48
30				ļ	1		1		1
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,386.81				!		
32			ľ			1	Ì		Ì
33	COST PER MONTH	(Lm 31 / 12)	\$198.90						
34					į	į			
35				ŀ					
36	'SALES/MKTG/ADV (ABC)	(La 13 ° La 33)	\$6.37				,		
37		į		ŀ				į	,
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$205.27					1	
39								_	

Fiber Loop	MARION WILSON		F	acility Length	2.78	Miles
SYSTEM INVESTMENT FIEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,679.17	ENGINEER COST \$1,482.24	INSTALL COST \$6,552.85	E&I FOTAL \$8,035.09	TOTAL \$9,714.26
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$1 15.34	\$279.68

TOTAL all ACCOUN	ITS	\$2,007.85	\$1,486.00	\$6,779.78	\$8,265.78	\$10,273.62
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	<u>\$226.92</u>	\$230.68	\$559.36
TOTAL 2232 Accor	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$207.47	\$183,14	\$809.64	\$992.78	\$1,200.25
Aerial Cable Investments	2421.20	\$930.77	\$821.61	\$3,632.28	\$4,453.89	\$5,384.66
Underground Cable Investments	2422.20	\$60.11	\$53.06	\$234.60	\$287.66	\$347.77
Buried Cable Investments	2423.20	\$454.19	\$400.92	\$1,772.43	\$2,173.35	\$2,627.54
Conduit Investments	2441.10	\$26.63	\$23.50	<u>\$103.91</u>	\$127.42	<u>\$154.04</u>
TOTAL 24XX Acco	unt	\$1,679.17	\$1,482.24	\$6,552.85	\$8,035.09	\$9,714.26

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MARION MAIN

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 2.17 Miles

i	NVESTMENT / COST FACTORS			Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR NNUAL EXPENSE FACTORS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT PROPERTY TAX SALES, ADV, MKTG	WHOLESALE	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	ost	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>							:	
17			\$1,639.40	\$328.68	\$161.95	\$726.54	\$46.92	\$354.53	\$20.78
18		(Ln 4 ° Ln 17)	\$976.32	\$59.87	\$105.88	\$522.08	\$33.72	\$254.76	\$0.00
19			\$6,576.87	\$230.68	\$784.10	\$3,517.72	\$227.20	\$1,716.53	\$100.63
20			\$0.00	420.00	4,5	4 =, 4 · · · · · 2	V	* 1,17	***************************************
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$9,192.58	\$619.24	\$1,051.93	\$4,766.34	\$307.84	\$2,325.82	\$121.42
23			-						
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,339.16	\$127.88	\$146.31	\$679.96	\$43.52	\$325.88	\$15.61
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$333.93	\$15.91	\$39.72	\$179.34	\$11.33	\$83.71	\$3.92
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$99.12	\$38.09	\$31.82	\$17.08	\$1.84	\$9.18	\$1.12
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$147.92	\$9.96	\$16.93	\$76.70	\$4.95	\$37.42	\$1.95
30				į				!	
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,920.14]				
32									
33	COST PER MONTH	(Ln 31 / 12)	\$160.01						
34								ļ	
35		·							
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.12						
37		ł							
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$165.13						
39							İ		

Fiber Loop	MARION MAIN		i	Facility Length	2.17	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,310.72	ENGINEER COST \$1,157.00	INSTALL COST \$5,189.18	E&i TOTAL \$6,346.18	TOTAL \$7,656.90
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 13.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS .	\$1,639.40	\$1,160.76	\$5,416.11	\$6,576.87	\$8,216.26
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accord	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$161.95	\$142.95	\$641.15	\$784.10	\$946.05
Aerial Cable Investments	2421.20	\$726.54	\$641.33	\$2,876.39	\$3,517.72	\$4,244.25
Underground Cable Investments	2422.20	\$46.92	\$41.42	\$185.78	\$227.20	\$274.12
Buried Cable Investments	2423.20	\$354.53	\$312.95	\$1,403.58	\$1,716.53	\$2,071.06
Conduit Investments	2441.10	<u>\$20.78</u>	\$18.35	\$82.29	\$100.63	<u>\$121.42</u>
TOTAL 24XX Accou	unt	\$1,310.72	\$1,157.00	\$5,189.18	\$6,346.18	\$7,656.90

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MCARTHUR

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 0.53 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Buried Cable Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 INVESTMENT LOADINGS							
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR			'	•			
6 7 <u>ANNUAL EXPENSE FACTORS</u> 8							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX	ļ	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202		:				

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>						-		
17	EQUIPMENT INVESTMENT		\$621.45	\$328.68	\$19.14	\$85.88	\$5.56	\$179.73	\$2.46
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$267.24	\$59.87	\$12.52	\$61.71	\$3.99	\$129.15	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$1,842.86	\$230.68	\$105.41	\$472.90	\$30.61	\$989.70	\$13.56
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00		ĺ				
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$2,731.56	\$619.24	\$137.07	\$620.49	\$40.16	\$1,298.58	\$16.02
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>	ļ		-		į		
25			İ			į	į		
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$425.15	\$127.88	\$19.06	\$88.52	\$5.68	\$181.95	\$2.06
27	COMPOSITE INCOME TAX	(La 10 ° La 22)	\$93.17	\$15.91	\$5.18	\$23.35	\$1.48	\$46.74	\$0.52
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$49.97	\$38.09	\$4.15	\$2.22	\$0.24	\$5.13	\$0.15
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$43.95	\$9.96	\$2.21	\$9.98	\$0.65	\$20.90	\$0.26
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$612.24			1			
32		ļ							
	COST PER MONTH	(Ln 31 / 12)	\$51.02				j		
34									
35			İ			1			
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$1.63						
37		ļ			j				
	TOTAL COST PER MONTH	(Ln 35 + Ln 33)	\$52.65		ļ				
39									

Fiber Loop	MCARTHUR		F	acility Length	0.53	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$292.77	ENGINEER COST \$262.56	INSTALL COST \$1,349.62	E&I FOTAL \$1,612.18	70TAL \$1,904.95
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS	•	\$621.45	\$266.32	\$1,576.54	\$1,842.86	\$2,464.31
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328. <u>68</u>	\$ 3.76	\$226.9 2	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Account	t	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$19.14	\$17.17	\$88.24	\$105.41	\$124.55
Aerial Cable Investments	2421.20	\$85.88	\$77.02	\$395.88	\$472.90	\$558.78
Underground Cable Investments	2422.20	\$5.56	\$4.99	\$25.63	\$30.61	\$36.17
Buried Cable Investments	2423.20	\$179.73	\$161.19	\$828.52	\$989.70	\$1,169.43
Conduit Investments	2441.10	<u>\$2.46</u>	<u>\$2.21</u>	<u>\$11.35</u>	<u>\$13.56</u>	\$16.02
TOTAL 24XX Accoun	t	\$292.77	\$262.56	\$1,349.62	\$1,612.18	\$1,904.95

GTE

OHIO

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MECHANICSBURG

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.05 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Buried Cable Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
INVESTMENT LOADINGS							
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR		man a					
	1						
ANNUAL EXPENSE FACTORS	ļ	•					
		1					
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX	i	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE	1	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT							ent. et accessos que que esta en esta esta esta esta esta esta esta esta	
17	EQUIPMENT INVESTMENT		\$1,434,42	\$328.68	\$54.25	\$243.38	\$15.67	\$ 785.50	\$6.94
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$845.95	\$59.87	\$35.47	\$174.89	\$11.26	\$564.45	\$0.00
19	ENGINEERING & INSTALLATION	` '	\$5,397.85	\$230.68	\$253.51	\$1,137.33	\$73.22	\$3,670.68	\$32.43
20	SOFTWARE		\$0.00	V-1001100		7.1,101.700	******		V-2V
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$7,678.22	\$619.24	\$343.23	\$1,555.60	\$100.15	\$5,020.64	\$39.37
23		,		·					
24	ANNUAL OPERATING EXPENSE	s							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,120.21	\$127.88	\$47.74	\$221.92	\$14.16	\$703.45	\$5.06
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$273.07	\$15.91	\$12.96	\$58.53	\$3.69	\$180.71	\$1.27
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$74.83	\$38.09	\$10.38	\$5.57	\$0.60	\$19.82	\$0.36
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$123.55	\$9.96	\$5.52	\$25.03	\$1.61	\$80.79	\$0.63
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,591.66						
32									
33	COST PER MONTH	(Ln 31 / 12)	\$132.64						
34									
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$4.25						
37		į							
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$136.88					Ì	
39		Ī							

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	MECHANICSBURG		F	acility Length	2.05	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,105.74	ENGINEER COST \$995.74	INSTALL COST \$4,171.43	E&I TOTAL \$5,167.17	TOTAL \$6,272.91
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL ali ACCOUI	NTS .	\$1,434.42	\$999.50	\$4,398.35	\$5,397.85	\$6,832.27
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	\$559,36
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E& I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$54.25	\$48.85	\$204.66	\$253.51	\$307.76
Aerial Cable Investments	2421.20	\$243.38	\$219.17	\$918.16	\$1,137.33	\$1,380.71
Underground Cable Investments	2422.20	\$15.67	\$14 .11	\$59.11	\$73.22	\$88.89
Buried Cable Investments	2423.20	\$785.50	\$707.36	\$2,963.32	\$3,670.68	\$4,456.18
Conduit Investments	2441.10	\$6.94	\$6.25	\$26.18	\$ 32.43	\$39.37
TOTAL 24XX Acco	ount	\$1,105.74	\$995.74	\$4,171.43	\$5,167.17	\$6,272.91

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

МССОМВ

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.95 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS							<u> </u>
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR							
S ANNUAL EXPENSE FACTORS				İ			
3			ĺ	:			
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX	ļ	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE	i	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
4 5 INVESTMENT		į		***************************************				
6 7 EQUIPMENT INVESTMENT		£1 422 EE	63 000	\$91.09	\$408.66	\$26.36	\$ 567.10	\$11.67
8 MATERIAL LOADINGS		\$1,433.56 \$839.54	\$328.68	\$59.56		\$18.94	\$407.51	\$0.00
	(Ln 4 * Ln 17)		\$59.87		\$293.66	1	` }	\$55.64
9 ENGINEERING & INSTALLATI 10 SOFTWARE	ON	\$5,496.83	\$230.68	\$434.16	\$1,947.79	\$125.62	\$2,702.93	\$00.04
		\$0.00						
	(Ln 5 * Lns 17+19)	\$0.00	6040.04	\$504.04	#2 CEO 44	£170.04	#2 C77 E4	\$67.31
2 TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$7,769.93	\$619.24	\$584.81	\$2,650.11	\$170.91	\$3,677.54	\$07.31
3	_				-	ĺ		
4 ANNUAL OPERATING EXPENSE	<u>s</u>							
5		24 40 - 0 -	2.07.00	****	2070.00	201.40	0545.07	00.05
6 CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,135.37	\$127.88	\$81.34	\$378.06	\$24.16	\$515.27	\$8.65
7 COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$278.54	\$15.91	\$22.08	\$99.71	\$6.29	\$132.37	\$2.17
8 MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$81.43	\$38.09	\$17.69	\$9.49	\$1.02	\$14.52	\$0.62
9 PROPERTY TAX	(Ln 12 * Ln 22)	\$125.03	\$9.96	\$9.41	\$42.64	\$2.75	\$59.18	\$1.08
0			İ		İ			
11 TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,620.37	1		}			
2								
3 COST PER MONTH	(Ln 31 / 12)	\$135.03					1	
14					1	1		
J5					1	1	4.2	
6 'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$4.32						
17	ļ	! 					Ì	
8 TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$139.35					Í	
99				1		1]	

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	MCCOMB		Facility Length	1.95	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT CC	ERIAL ENGINEER OST COST 1,104.88 \$986.51	INSTALL COST I \$4,279.63	E&I TOTAL \$5,266.14	T OTAL \$6,371.02
					V.I.
FIBER PANEL CDL	2232.23	\$164.34 \$1.88	3 \$113.46	\$115.34	\$2 79.68
FIBER PANEL C.O.	2232.23	\$164.34 \$1.88	3 \$113.46	\$115.34	\$2 79.68

TOTAL all ACCOUNT	vts .	\$1,433.56	\$990.27	\$4,506.56	\$5,496.83	\$6,930.38
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E& I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.6 <u>8</u>	<u>\$3.76</u>	\$226.92	\$230.68	\$ 559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$91.09	\$81.33	\$352. 83	\$434.16	\$525.26
Aerial Cable Investments	2421.20	\$408.66	\$364.88	\$1,582.91	\$1,947.79	\$2,356.45
Underground Cable Investments	2422.20	\$26.36	\$23.53	\$102.09	\$125.62	\$151.97
Buried Cable Investments	2423.20	\$567.10	\$506.34	\$2,196.59	\$2,702.93	\$3,270.02
Conduit Investments	2441.10	<u>\$11.67</u>	<u>\$10.42</u>	\$45.22	\$55.64	\$67.31
TOTAL 24XX Acco	ount	\$1,104.88	\$986.51	\$4,279.63	\$5,266.14	\$6,371.02

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MECHANICSTOWN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.69 Miles

	NVESTMENT / COST FACTORS			Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT PROPERTY TAX SALES, ADV, MKTG	WHOLESALE	0.03202	0.20652 0.02569 0.06151 0.01609		0.00358	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.1285 4 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>			A COLOR DE LA COLO		_		man and a short state of the st	
17			\$1,888.11	\$328,68	\$151.94	\$681.65	\$44.00	\$662.35	\$19.49
18	l '	(Ln 4 ° Ln 17)	\$1,156.62	\$59.87	\$99.34	\$489.83	\$31.62	\$475.96	\$0.00
19			\$7,597.23	\$230.68	\$717.74	\$3,220.01	\$207.85	\$3,128.87	\$92.06
20			\$0.00	,-,,,,	•		,		,
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$10,641.96	\$619.24	\$969.02	\$4,391.49	\$283.47	\$4,267.19	\$111.55
23						·			
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25								1	
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,541.45	\$127.88	\$1 34.78	\$626.49	\$40.08	\$597.89	\$14.34
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$385.36	\$15.91	\$36.59	\$165.23	\$10.43	\$153.59	\$3.60
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$102.70	\$38.09	\$29.31	\$15.73	\$1.69	\$16.85	\$1.03
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$171.24	\$9.96	\$15.59	\$70.66	\$4.56	\$68.66	\$1.80
30									
-	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,200.75						
32								170	
	COST PER MONTH	(Ln 31 / 12)	\$183.40						
34									
35				1					
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.87						
37	•								
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$189.27						
39									

Unbundled Loop Element Cost Study OHIO

Fiber Loop	MECHANICSTOWN		F	acility Length	2.69	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACGT 24XX.XX	MATERIAL COST \$1,559.43	ENGINEER COST \$1,386.75	INSTALL COST \$5,979.80	E&I TOTAL \$7,366.54	TOTAL \$8 ,925.97
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$2 79.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	its -	\$1,888.11	\$1,390.50	\$6,206.72	\$7,597.23	\$9,485.34
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accor	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$151.94	\$135.11	\$582. 63	\$717.74	\$869.68
Aerial Cable Investments	2421.20	\$681.65	\$606.17	\$2,613. 85	\$3,220.01	\$3, 901.66
Underground Cable Investments	2422.20	\$44.00	\$39.13	\$168.72	\$207.85	\$251.85
Buried Cable Investments	2423.20	\$662.35	\$589.01	\$2 ,539. 87	\$3,128.87	\$3,791.23
Conduit Investments	2441.10	\$19.49	<u>\$17.33</u>	<u>\$74.73</u>	\$92.06	<u>\$111.55</u>
TOTAL 24XX Accor	unt	\$1,559.43	\$1,386.75	\$5,979.80	\$7,366.54	\$8,925.97

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MEDINA

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.58 Miles

INVESTMENT / COST FACTORS	Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS	0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15	INVESTMENT				pugit har a manana			!	
16						Water Comment	Į	1	
17	EQUIPMENT INVESTMENT		\$2,557.27	\$328.68	\$316.75	\$1,421.01	\$91.69	\$358.53	\$40.61
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,611.62	\$59.87	\$207.09	\$1,021.13	\$65.89	\$257.64	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$10,907.97	\$230.68	\$1,517.54	\$6,808.15	\$439.29	\$1,717.73	\$194.58
20	SOFTWARE		\$0.00]	
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$15,076.87	\$619.24	\$2,041.38	\$9,250.29	\$596.87	\$2,333.89	\$235.19
23						İ		;	
24	ANNUAL OPERATING EXPENSE	<u>s</u>				1			
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$2,173.08	\$127.88	\$283.93	\$1,319.64	\$84.39	\$327.01	\$30.23
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$554.61	\$15.91	\$77.09	\$348.05	\$21.97	\$84.00	\$7 59
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$147.92	\$38.09	\$61.74	\$33.14	\$3.56	\$9.22	\$2.18
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$242.60	\$9.96	\$32.85	\$148.85	\$9.60	\$37.55	\$3.78
30				!	ļ				
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,118.22	-					
32				hot sustained					
33	COST PER MONTH	(Ln 31 / 12)	\$259.85						
34					100			:	
35	1			1					
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$8.32					1	
37	1				nervo-weeninger]		
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$268.17						
39									٠

Fiber Loop	MEDINA		F	acility Length	3.58	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,228.59	ENGINEER COST \$1,956.39	INSTALL COST \$8,720.90	E&I TOTAL \$10,677.29	TOTAL \$12,905.88
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113. 46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	S	\$2,557.27	\$1,960.14	\$8,947.83	\$10,907.97	\$13,465.24
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	cost	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226. 92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accour	nt	\$328.68	\$3.76	\$226. 92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$316.75	\$278.06	\$1,239. 49	\$1,517.54	\$1,834 .29
Aerial Cable Investments	2421.20	\$1,421.01	\$1,247.45	\$5,560.70	\$6,808.15	\$8,229 .16
Underground Cable Investments	2422.20	\$91.69	\$80.49	\$358. 60	\$439.29	\$530.98
Buried Cable Investments	2423.20	\$358.53	\$314.74	\$1,402.99	\$1,717.73	\$2, 076.25
Conduit Investments	2441.10	<u>\$40.61</u>	\$ 35.65	\$158. 93	\$194.58	<u>\$235.19</u>
TOTAL 24XX Accoun	nt	\$2,228.59	\$1,956.39	\$8,720.90	\$10,677.29	\$ 12,905.88

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MILAN

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 2.03 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358		0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT				Committee of the second			n e e e e e e e e e e e e e e e e e e e	
17	EQUIPMENT INVESTMENT		\$1,579.48	\$328.68	\$169.97	\$762.53	\$49.14	\$247.40	\$21.77
18	MATERIAL LOADINGS	(Ln 4° in 17)	\$932.04	\$59.87	\$111.13	\$547.95	\$35.31	\$177.78	\$0.00
19		' '	\$6,350.39	\$230.68	\$831.59	\$3,730.77	\$240.43	\$1,210.43	\$106.49
20	SOFTWARE		\$0.00	7200.00	***************************************	•••	42 (6) (10	**,********	***************************************
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	-					
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$8,861.91	\$619.24	\$1,112.69	\$5,041.24	\$324.88	\$1,635.60	\$128.26
23		·					,, ,		
1	ANNUAL OPERATING EXPENSE	<u>s</u>						!	
25	•								
26	CAPITAL RECOVERY	(Ln 9 ° t.n 22)	\$1,293.41	\$127.88	\$154.76	\$719.18	\$45.93	\$229.17	\$16.49
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$322.58	\$15.91	\$42.02	\$189.68	\$11.96	\$58.87	\$4.14
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$99.38	\$38.09	\$33.65	\$18.06	\$1.94	\$6.46	\$1,19
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$142.60	\$9.96	\$17.90	\$81.12	\$5.23	\$26.32	\$2.06
30				ŀ		ļ	İ		
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,857.97	}				100	
32						1			
33	COST PER MONTH	(Ln 31 / 12)	\$154.83					3	
34					ĺ			į	
35		i						1	
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$4.96						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$159.79						
39									

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	MILAN		F	acility Length	2.03	Miles
SYSTEM INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
ITEM	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
12 Fiber Cable	24XX.XX	\$1,250.80	\$1,100.09	\$5,019.61	\$6,119.71	\$7,370.50
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113. 46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	s	\$1,579.48	\$1,103.85	\$5,246.54	\$6,350.39	\$7,929.87
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226. 92	\$230.68	\$559.36
TOTAL 2232 Accoun	it	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$169.97	\$149.49	\$682.10	\$831.59	\$1,001.56
Aerial Cable Investments	2421.20	\$762.53	\$ 670. 65	\$3,060.11	\$3,730.77	\$4 ,493.29
Underground Cable Investments	2422.20	\$49.14	\$43.22	\$197.21	\$240.43	\$2 89.57
Buried Cable Investments	2423.20	\$247.40	\$217.59	\$992.84	\$1,210.43	\$1.457.82
Conduit Investments	2441.10	<u>\$21.77</u>	<u>\$19.14</u>	\$87.3 <u>5</u>	\$106.49	\$128 .26
TOTAL 24XX Accoun	it	\$ 1,250. 80	\$1,100.09	\$5,019. 61	\$6,119.71	\$7, 370.50

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MILLERSPORT

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.94 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS						e e e e e e e e e e e e e e e e e e e	
MATERIAL LOADINGS		- 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR							
ANNUAL EXPENSE FACTORS			!			A Linguistic Conference and Conferen	
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.0092
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.0160
SALES, ADV, MKTG	0.03202						

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
			1	the data decemberation of the				
EQUIPMENT INVESTMENT		\$2,082.39	\$328.68	\$202.87	\$910.14	\$58.86	\$555.78	\$26.07
MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,288.20	\$59.87	\$132.64	\$654.02	\$42.29	\$399.38	\$0.00
ENGINEERING & INSTALLATI	ON	\$8,566.62	\$230.68	\$964.31	\$4,326.16	\$279.76	\$2,641.79	\$123.92
SOFTWARE		\$0.00	1			ļ	:	
INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00					1	
TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$11,937.22	\$619.24	\$1,299.82	\$5,890.31	\$380.91	\$3,596.95	\$149.99
•			Ì	A AND AND A			:	
<u>ANNUAL OPERATING EXPENSE</u>	<u>s</u>				•			
			Í					
CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,726.09	\$127.88	\$180.79	\$840.31	\$53.86	\$503.98	\$19.28
COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$434.95	\$15.91	\$49.08	\$221.63	\$14.02	\$129.47	\$4.84
MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$116.37	\$38.09	\$39.31	\$21.10	\$2.27	\$14.20	\$1.39
PROPERTY TAX	(Ln 12 * Ln 22)	\$192.08	\$9.96	\$20.92	\$94.78	\$6.13	\$57.88	\$2.41
				1			i	
TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,469.49		i E	Ì			
							į	
	(Ln 31 / 12)	\$205.79						
			†					
'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$6.59						
TOTAL COST PER MONTH	(1 n 36 + 1 n 33)	\$212.38					,	
•	fering , en oal	42.2.00		1				
	INVESTMENT EQUIPMENT INVESTMENT MATERIAL LOADINGS ENGINEERING & INSTALLATI SOFTWARE INVESTMENT FACTOR TOTAL INVESTMENT ANNUAL OPERATING EXPENSE CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT PROPERTY TAX TOTAL ANNUAL COST	EQUIPMENT INVESTMENT MATERIAL LOADINGS (Ln 4* Ln 17) ENGINEERING & INSTALLATION SOFTWARE INVESTMENT FACTOR (Ln 5* Lns 17+19) TOTAL INVESTMENT (Sum Ln 17. Ln 21) ANNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln 9* Ln 22) COMPOSITE INCOME TAX (Ln 10* Ln 22) MAINTENANCE & SUPPORT (Ln 11* Ln 22) PROPERTY TAX (Ln 12* Ln 22) TOTAL ANNUAL COST (Sum Ln 26. Ln 29) COST PER MONTH (Ln 31/12) 'SALES/MKTG/ADV (ABC) (Ln 13* Ln 33)	EQUIPMENT INVESTMENT \$2,082.39 \$1,288.20 \$1,288.20 \$8,566.62 \$8,566.62 \$0.00 \$1,000	EQUIPMENT INVESTMENT \$2,082.39 \$328.68 MATERIAL LOADINGS (Ln 4 * Ln 17) \$1,288.20 \$59.87 ENGINEERING & INSTALLATION \$8,566.62 \$230.68 SOFTWARE \$0.00 TOTAL INVESTMENT (Ln 5 * Lns 17+19) \$0.00 \$0.00 TOTAL INVESTMENT (Sum Ln 17. Ln 21) \$11,937.22 \$619.24	Section Sect	Section Sect	EQUIPMENT INVESTMENT	EQUIPMENT INVESTMENT

Fiber Loop	MILLERSPORT		F	acility Length	2.94	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,753.71	ENGINEER COST \$1,551.56	INSTALL COST \$6,784.37	E&I TOTAL \$8,335.94	TOTAL \$10,089.65
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$1 13.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS :	\$2,082.39	\$1,555.32	\$7,011. 30	\$8,566.62	\$10,649.01
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.7 <u>6</u>	\$2 <u>26.92</u>	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accou	ınt	\$328.68	\$3.76	\$226. 92	\$230.68	\$ 559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$202.87	\$179.49	\$784.82	\$964.31	\$1,167.18
Aerial Cable Investments	2421.20	\$910.14	\$805.23	\$3,520.93	\$4,326.16	\$5 ,236.30
Underground Cable Investments	2422.20	\$58.86	\$52.07	\$227.69	\$279.76	\$338.62
Buried Cable Investments	2423.20	\$555.78	\$491.72	\$2,150.08	\$2,641.79	\$3,197.57
Conduit Investments	2441.10	<u>\$26.07</u>	\$23.06	\$100.85	\$123. <u>92</u>	\$149.99
TOTAL 24XX Accor	unt	\$1,753.71	\$1,551.56	\$6,784.37	\$8,335.94	\$10,089.65

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MALVERN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.68 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS)	
4 MATERIAL LOADINGS 5 INVESTMENT FACTOR	į	0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
6 7 <u>ANNUAL EXPENSE FACTORS</u> 8							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 5 <u>INVESTMENT</u>							20 m	
TO EQUIPMENT INVESTMENT		\$1,347.81	\$328.68	\$128.67	\$5 77.26	\$37.23	\$259.48	\$16.49
MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$772.03	\$59.87	\$84.13	\$414.81	\$26.75	\$186.46	\$0.00
ENGINEERING & INSTALLATI		\$5,248.99	\$230.68	\$633.59	\$2,842.47	\$183.33	\$1,277.71	\$81.20
SOFTWARE		\$0.00	V ESSION :	\$	4 2,5 (2,1)	413310	¥ 1, = 1, 1, 1	7 0.,_,
INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00		:				
TOTAL INVESTMENT	(Sum Ln 17. Ln 21)	\$7,368.83	\$619.24	\$846.39	\$3,834.54	\$247.31	\$1,723.66	\$97.6
3	,	` '	,- ,	1				
ANNUAL OPERATING EXPENSE	s		i					
	-							
CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1 ,081.67	\$1 27.88	\$117.72	\$547.03	\$34.97	\$241.51	\$12.56
COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$266.45	\$15.91	\$31.96	\$144.28	\$9.10	\$62.04	\$3.15
MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$86.61	\$38.09	\$25.60	\$13.74	\$1.47	\$6.81	\$0.90
PROPERTY TAX	(Ln 12 ° Ln 22)	\$118.57	\$9.96	\$13.62	\$61.70	\$3.98	\$27.74	\$1.5
•			i	ļ				
TOTAL ANNUAL COST	(Sum Ln 26.Ln 29)	\$1,553.29				Į		
2	1			į		[1	
COST PER MONTH	(Ln 31 / 12)	\$129.44						
						į		
5	1	i						
SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$4.14		ļ		ļ	į	
7								
TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$133.59						
	<u></u>			· · · · · · · · · · · · · · · · · · ·				

Fiber Loop	MALVERN		F	acility Length	1.68	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,019.13	ENGINEER COST \$898.90	INSTALL COST \$4,119.41	E&I TOTAL \$5,018.31	TOTAL \$6,037.44
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$ 115.3 4	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$1 15.34	\$279.68

TOTAL all ACCOUNT	s	\$1,347.81	\$902.66	\$4,346 .33	\$5,248.99	\$6,596.80
BREAKOUT OF 2232,xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&J	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0. 00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.9 2	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accoun	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411 .10	\$128.67	\$113.49	\$520.10	\$633.59	\$762.26
Aerial Cable Investments	2421.20	\$577.26	\$509.16	\$2,3 33.32	\$2,842.47	\$3,419.73
Underground Cable Investments	2422.20	\$37.23	\$32.84	\$150.49	\$183.33	\$220.56
Buried Cable Investments	2423.20	\$259.48	\$228.87	\$1,048. 84	\$1,277.71	\$1,537.19
Conduit Investments	2441.10	<u>\$16.49</u>	<u>\$14.55</u>	\$66. 66	\$81.20	\$97.69
TOTAL 24XX Accoun	nt	\$1,019.13	\$898.90	\$4,119,41	\$5,018.31	\$6,037.44

GTE

OHIO

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MANCHESTER

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.76 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Pales 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS							
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR		0.10210	0.00001	0.7 1033	0.71009	0.7 1033	0.00000
in Edwich Advok			,			;	
ANNUAL EXPENSE FACTORS	ļ						
8							
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.003 58	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.016 09	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	24 11.10	2421.20	2422.20	2423.20	2441.00
14 15	<u>INVESTMENT</u>				1			!	
16					ì				
17	EQUIPMENT INVESTMENT		\$2,049.57	\$328.68	\$246.26	\$1,104.80	\$71.29	\$266.97	\$31.58
18	MATERIAL LOADINGS	(Ln 4° Ln 17)	\$1,257.85	\$59.87	\$161.01	\$793.90	\$51.23	\$191.84	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$8,559.71	\$230.68	\$1,191.89	\$5,347.19	\$345.02	\$1,292.10	\$152.82
20	SOFTWARE		\$0.00	-				1	
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	And the state of t		_			
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$11,867.14	\$619.24	\$1,599.16	\$7,245.90	\$467.54	\$1,750.90	\$184.40
23		Î		-		and the same of th		1	
	ANNUAL OPERATING EXPENSE	<u>s</u>		1		İ		i	
25		ļ	1	Transport Addition		į		}	
26		(Ln 9 * Ln 22)	\$1,719.13	\$127.88	\$222.42	\$1,033.70	\$66.10	\$245.32	\$23.70
27		(Ln 10 ° Ln 22)	\$435.11	\$15.91	\$60.39	\$2 72. 63	\$17.21	\$63.02	\$5.95
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$123.82	\$38.09	\$48.37	\$25.96	\$2.79	\$6.91	\$1.71
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$190.95	\$9.96	\$25.73	\$116.59	\$7.52	\$28.17	\$2.97
30						-	ļ		
31	TOTAL ANNUAL COST	(Sum Ln 26. Ln 29)	\$2,469.02		i	***************************************			
32								į	
	COST PER MONTH	(Ln 31 / 12)	\$205.75			Ì			
34	1				1				
35	ł			Į.	-			ļ	
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$6.59						
37	P. Comments and the comment of the c								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$212.34		<u> </u>				
39				ļ					

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	MANCHESTER		F	acility Length	2.76	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL CQST \$1,720.89	ENGINEER COST \$1,510.25	INSTALL COST \$6,818.78	E&I TOTAL \$8,329.03	TOTAL \$10,049.92
FIBER PANEL CDL	2232.23	\$ 164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	NTS -	\$2,049.57	\$1,514.01	\$7,045.70	\$8,559.71	\$10,609.29
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.6 8	<u>\$3,76</u>	\$226.9 2	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$246.26	\$216.12	\$975.78	\$1,191.89	\$1,438.16
Aerial Cable Investments	2421.20	\$1,104.80	\$969.57	\$4,377.62	\$5,347.19	\$6,451.99
Underground Cable Investments	2422.20	\$71.29	\$62.56	\$282.46	\$345.02	\$4 16.31
Buried Cable Investments	· 2423.20	\$266.97	\$234.29	\$1,057.81	\$1,292.10	\$1,559.06
Conduit Investments	2441.10	\$31.5 <u>8</u>	<u>\$27.71</u>	<u>\$125.11</u>	<u>\$152.82</u>	\$184.40
TOTAL 24XX Acco	ount	\$1,720.89	\$1,510.2 5	\$6,818.78	\$8,329.03	\$10,049.92

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MINERAL CITY

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.92 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
		2202.20	2411.10	2421.20	2422.20	2420.20	2771.00
INVESTMENT LOADINGS)	
	1						
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.0000
INVESTMENT FACTOR	1	}				and day	
		-				PP-0-1-1-1	
ANNUAL EXPENSE FACTORS						7	
						Andrew Market	
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.0092
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT								
17	EQUIPMENT INVESTMENT		\$2,091.77	\$328.68	\$217.50	\$975.77	\$62.84	\$479.16	\$27.83
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,292.73	\$59.87	\$142.20	\$701.18	\$45.15	\$344.32	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$8,649.30	\$230.68	\$1,038.54	\$4,659.21	\$300.03	\$2,287.93	\$132.90
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$12,033.79	\$619.24	\$1,398.25	\$6 ,336.1 5	\$408.02	\$3,111.41	\$160.73
23 24 25	ANNUAL OPERATING EXPENSE	<u>s</u>	:		1			, m m 4 m m m m 4 m m m m m m m m m m m	
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,740.57	\$127.88	\$194.48	\$903.91	\$57.69	\$435.95	\$20.66
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$439.31	\$15.91	\$52.80	\$238.40	\$15.02	\$111.99	\$5.18
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$119.28	\$38.09	\$42.29	\$22.70	\$2.43	\$12.29	\$1.49
29 30	l .	(Ln 12 ° Ln 22)	\$193.64	\$9.96	\$22.50	\$101.96	\$6.57	\$50.07	\$2.59
31 32	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,492.80					Total State State	
	COST PER MONTH	(Ln 31 / 12)	\$207.73				Approximation of the state of t		
-	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$6.65						
38 39	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$214.38			n n	7		

Fiber Loop	MINERAL CITY			Facility Length	2.92	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,763.09	ENGINEER COST \$1,556.41	INSTALL COST \$6,862.21	E&I TOTAL \$8,418.62	TOTAL \$10,181.70
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113. 4 6	\$115.34	\$279.68

TOTAL all ACCOUN	its :	\$2,091.77	\$1,560.17	\$7,089.13	\$8,649.30	\$10,741.07
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.9 2	<u>\$230.68</u>	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$217.50	\$192.00	\$846.54	\$1,038. 54	\$1,256.04
Aerial Cable Investments	2421.20	\$975.77	\$861.38	\$3,797.83	\$4,659.21	\$5,634.97
Underground Cable Investments	2422.20	\$62.84	\$55.47	\$244.56	\$300.03	\$362.87
Buried Cable Investments	2423.20	\$479.16	\$422.99	\$1,864.95	\$2,287.93	\$2,767.09
Conduit Investments	2441.10	\$27.83	\$24.57	\$108.33	\$132.90	<u>\$160.73</u>
TOTAL 24XX Acco	unt	\$1,763.09	\$1,556.41	\$6.862.21	\$8,418.62	\$10,181.70

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MENDON

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.41 Miles

IN	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
7 <u>A</u> 8 9 10 11	INNUAL EXPENSE FACTORS CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.0376 3 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>				-				
16 17			\$ 1,751.58	\$328.68	\$ 155.40	\$697.16	\$44.91	\$505.53	\$19.89
18	MATERIAL LOADINGS	(Ln 4° Ln 17)	\$1,057.99	\$59.87	\$101.60	\$500.98	\$32.27	\$363.27	\$0.00
19		• •	\$7,029.75	\$230.68	\$742.54	\$3,331.27	\$214.61	\$2,415.59	\$95.06
20			\$0.00		•	į	•	,	
21	INVESTMENT FACTOR	(Lm 5 ° Lns 17+19)	\$0.00					1	
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$9,839.32	\$619.24	\$999.54	\$4,529.40	\$291.80	\$3,284.38	\$114.95
23									
24	ANNUAL OPERATING EXPENSE	<u>s</u>					Ī		
25			,			-			
26	CAPITAL RECOVERY	(La 9 ° La 22)	\$1,429.28	\$127.88	\$139.02	\$646.16	\$4 1.26	\$460.18	\$14.78
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$356.74	\$15.91	\$37.74	\$170.42	\$10.74	\$118.22	\$3.71
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$100.32	\$38.09	\$30.23	\$16.23	\$1.74	\$12.97	\$1.06
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$158.32	\$9.96	\$16.08	\$72.88	\$4.70	\$52.85	\$1.85
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,044.67						
32						į			
33	COST PER MONTH	(Ln 31 / 12)	\$170,39			1			I
34									
35	j								
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.46						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$175.84						
39									

Fiber Loop	MENDON		F	Facility Length	2.41	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,422.89	ENGINEER COST \$1,261.19	INSTALL COST \$5,537.88	E&I TOTAL \$6,799.07	TOTAL \$8,221.96
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$ 115. 34	\$279.68
FIBER PANEL C.O.	2232.23	\$ 16 4.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS	S	\$1,751.58	\$1,264.95	\$5,76 4.80	\$7,029.75	\$8,781.33
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.6 <u>8</u>	<u>\$3.76</u>	<u>\$226.92</u>	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Accoun	t	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$155.40	\$137.74	\$604.80	\$742.54	\$897.94
Aerial Cable Investments	2421.20	\$697.16	\$617.93	\$2,713.33	\$3,331.27	\$4,028.43
Underground Cable Investments	2422.20	\$44.91	\$39.81	\$174.80	\$214.61	\$259.53
Buried Cable Investments	2423.20	\$505.53	\$448.08	\$1,967.51	\$2,415.59	\$2,921.11
Conduit Investments	2441.10	<u>\$19.89</u>	\$17.63	<u>\$77.43</u>	<u>\$95.06</u>	<u>\$114.95</u>
TOTAL 24XX Account	t	\$1,422.89	\$1 ,261.19	\$5,5 37.88	\$6,799.07	\$8,221.96

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MINERVA

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.16 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421 20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
2	NVESTMENT LOADINGS							
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
6 7 8	ANNUAL EXPENSE FACTORS			5				
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX	1	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX	į į	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	241 1.10	242 1.20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>				Man or a series of the series				
16 17	EQUIPMENT INVESTMENT		\$1,045.86	\$328.68	\$98.94	\$443.87	\$2 8.64	\$133.04	\$ 12. 6 9
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$559.71	\$59.87	\$64.69	\$ 318.96	\$20.58	\$95.60	\$0.00
19	ENGINEERING & INSTALLATI		\$3,891.36	\$230.68	\$505.01	\$2,265.63	\$146.20	\$679.07	\$64.76
20	SOFTWARE		\$0.00	,	***************************************	7-1	•		• • • • • • • • • • • • • • • • • • • •
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			i		1	
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$5,496.93	\$619.24	\$668.64	\$3,028.47	\$195.43	\$907.71	\$77.44
23									·
24	ANNUAL OPERATING EXPENSE	<u>s</u>				-			
25					1				
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$817.69	\$127.88	\$93.00	\$432.04	\$27.63	\$127.18	\$9.95
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$197.47	\$15.91	\$25.25	\$113.95	\$7.19	\$32.67	\$2.50
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$74.63	\$38.09	\$20.22	\$10.85	\$1.17	\$3.58	\$0.72
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$88.45	\$9.96	\$10.76	\$48.73	\$3.14	\$14.61	\$1.25
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,178.24						
32									
33	COST PER MONTH	(Ln 31 / 12)	\$98.19		in the second				
34					!			;	
35								i	
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$3.14		A COMMAND			į	
37					to despetable				
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$101.33					e constant	
39		ſ							·

Fiber Loop	MINERVA		F	acility Length	1.16	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$717.18	ENGINEER COST \$630.38	INSTALL COST \$3,030.29	E&I TOTAL \$3,660.67	TOTAL \$4,377.86
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$1 13 .46	\$115.34	\$279.68

TOTAL all ACCOU	NTS	\$1,045.86	\$634.14	\$3,257. 22	\$3,891.36	\$4,937.22
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226. 92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226. 92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$98. 94	\$86.96	\$418.05	\$505.01	\$603.95
Aerial Cable Investments	2421.20	\$443.87	\$390.15	\$1,875.48	\$2,265.63	\$2,709.51
Underground Cable Investments	2422.20	\$28.64	\$25.18	\$121. 02	\$146.20	\$174.84
Buried Cable Investments	2423.20	\$133.04	\$116.94	\$562. 13	\$679.07	\$812.11
Conduit Investments	2441.10	<u>\$12.69</u>	<u>\$11.15</u>	<u>\$53.61</u>	<u>\$64.76</u>	<u>\$77.44</u>
TOTAL 24XX Acco	ount	\$717.18	\$630.38	\$3,030. 29	\$3,660.67	\$4,377.86

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

MINSTER

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.05 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	241 1.10	242 1.20	2422.20	2423.20	2441.00
INVESTMENT LOADINGS						ļ :	
MATERIAL LOADINGS		0.18216	0.65381	0.7185 9	0.71859	0.71859	0.00000
INVESTMENT FACTOR	ļ						
ANNUAL EXPENSE FACTORS							
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE	Ī	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.0160 9	0.01609	0.01609	0.01609
SALES, ADV. MKTG	0.03202						

NVESTMENT EQUIPMENT INVESTMENT MATERIAL LOADINGS								
EQUIPMENT INVESTMENT							,	
				-	a position of			
MATERIA! LOADINGS		\$909.25	\$328.68	\$38.36	\$172.10	\$1 1.07	\$354.14	\$4.90
	(Ln 4 ° Ln 17)	\$471.06	\$59.87	\$25.08	\$123.67	\$7.95	\$254.48	\$0.00
ENGINEERING & INSTALLATI	ON	\$3,120.07	\$230.68	\$190.92	\$856.50	\$55.09	\$1,762.48	\$24.40
SOFTWARE		\$0.00) 1	
INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			}		1	
TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,500.37	\$619.24	\$254.36	\$1,152.27	\$74.11	\$2,371.10	\$29.30
	·			:	İ			
NNUAL OPERATING EXPENSE	S	ŀ	Angel Angel		- 1		i.	
	_				ĺ		:	
CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$674.11	\$127.88	\$35.38	\$164.38	\$10.48	\$332.22	\$3.77
COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$157.89	\$15.91	\$9.60	\$43.36	\$2.73	\$85.34	\$0.95
MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$59.98	\$38.09	\$7.69	\$4.13 (\$0.44	\$9.36	\$0.27
PROPERTY TAX	(Ln 12 * Ln 22)	\$72.42	\$9.96	\$4.09	\$18.54	\$1.19	\$38.15	\$0.47
		1	Í	and the	1		49	
OTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$964.39		When Annahases	an oderet			
			1	ĺ	-		į	
OST PER MONTH	(Ln 31 / 12)	\$80.37			1	1	}	
				-	Taxab.	ļ	1	
				and a break for	e se promoto por se	ļ		
SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$2.57			And the same			
, ,		·		- Company				
OTAL COST PER MONTH	(Ln 36 + Ln 33)	\$82.94		at described and				
			1					
	SOFTWARE INVESTMENT FACTOR TOTAL INVESTMENT NNUAL OPERATING EXPENSE CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT PROPERTY TAX OTAL ANNUAL COST OST PER MONTH FALES/MKTG/ADV (ABC)	INVESTMENT FACTOR (Ln.5° Lns. 17+19) TOTAL INVESTMENT (Sum.Ln.17Ln.21) NNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln.9° Ln.22) COMPOSITE INCOME TAX (Ln. 10° Ln. 22) MAINTENANCE & SUPPORT (Ln. 11° Ln. 22) PROPERTY TAX (Ln. 12° Ln. 22) OTAL ANNUAL COST (Sum.Ln. 26Ln. 29) OST PER MONTH (Ln. 31/12) SALES/MKTG/ADV (ABC) (Ln. 13° Ln. 33)	SOFTWARE SO.00 SO.00 SO.00 TOTAL INVESTMENT (Sum Ln 17.Ln 21) \$4,500.37	SOFTWARE \$0.00 \$0.00	SOFTWARE SO.00 \$0.00 TOTAL INVESTMENT (Sum Ln 17. Ln 21) \$4,500.37 \$619.24 \$254.36	SOFTWARE SO.00 \$0.00 TOTAL INVESTMENT (Sum Ln 17. Ln 21) \$4,500.37 \$619.24 \$254.36 \$1,152.27	SOFTWARE INVESTMENT FACTOR (Ln 5*Lns 17+19) TOTAL INVESTMENT (SumLn 17.Ln 21) NNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln 9*Ln 22) COMPOSITE INCOME TAX (Ln 10*Ln 22) MAINTENANCE & SUPPORT (Ln 11*Ln 22) PROPERTY TAX (Ln 12*Ln 22) OTAL ANNUAL COST (SumLn 28.Ln 29) S964.39 OST PER MONTH (Ln 31/12) \$0.00 \$0.00 \$4,500.37 \$4,500.37 \$619.24 \$254.36 \$1,152.27 \$74.11 \$127.88 \$35.38 \$164.38 \$10.48 \$2.73 \$4,500.37 \$9.60 \$43.36 \$2.73 \$59.98 \$38.09 \$7.69 \$4.13 \$0.44 \$1.19 \$1.19 OTAL ANNUAL COST (SumLn 28.Ln 29) \$964.39 OST PER MONTH (Ln 31/12) \$80.37	SOFTWARE INVESTMENT FACTOR (Ln5*Lns17+19) \$0.00 TOTAL INVESTMENT (SumLn 17.Ln 21) \$4,500.37 \$619.24 \$254.36 \$1,152.27 \$74.11 \$2,371.10 NNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln9*Ln 22) COMPOSITE INCOME TAX (Ln 10*Ln 22) MAINTENANCE & SUPPORT (Ln 11*Ln 22) PROPERTY TAX (Ln 12*Ln 22) \$59.98 \$38.09 \$7.69 \$4.13 \$0.44 \$9.36 PROPERTY TAX (Ln 12*Ln 22) \$72.42 \$9.96 \$4.09 \$18.54 \$1.19 \$38.15 OTAL ANNUAL COST (Sum Ln 26. Ln 29) \$80.37 \$2.57

Fiber Loop	MINSTER		F	acility Length	1.05	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$580.57	ENGINEER COST \$520.58	INSTALL COST \$2,368.80	E&I TOTAL \$2,889.39	TOTAL \$3,469.95
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	ITS	\$909.25	\$524.34	\$2,595.7 3	\$3,120.07	\$4,029.32
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328. <u>68</u>	<u>\$3.76</u>	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328. 68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$38.36	\$34.40	\$15 6.52	\$190.92	\$229.28
Aerial Cable Investments	2421.20	\$172.10	\$154.32	\$702.19	\$856.50	\$1,028.60
Underground Cable Investments	2422.20	\$11.07	\$9.92	\$45.16	\$55.09	\$66.15
Buried Cable Investments	2423.20	\$354.14	\$3 17.55	\$1,444.93	\$1,762.48	\$2, 116.62
Conduit Investments	2441.10	<u>\$4.90</u>	<u>\$4.40</u>	\$20. 00	<u>\$24.40</u>	\$29.30
TOTAL 24XX Acco	unt	\$580. 57	\$520.58	\$2,368.80	\$2,889.39	\$3,469.95

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MONROEVILLE

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 2.08 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423,20	Conduit 2441.00
		2202:20	2711110		- (44,27		2111.00
INVESTMENT LOADINGS						1	
		44-16-16-16-16-16-16-16-16-16-16-16-16-16-					
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.0000
INVESTMENT FACTOR							
į						4	
ANNUAL EXPENSE FACTORS		***************************************					
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.1285
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03220
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.0092
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV. MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT		:					2	
16 17	P	i	\$1,477.75	\$328.68	\$75.24	\$337.57	\$21.71	\$704.93	\$9.62
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$873.80	\$59.87	\$49.20	\$242.57	\$15.60	\$506.56	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$5,639.68	\$230.68	\$354.20	\$1,589.03	\$102.19	\$3,318.32	\$45.27
20	SOFTWARE		\$0.00	. And and an an an an an an an an an an an an an					
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	· Addition		į		:	
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$7,991.24	\$619.24	\$478.64	\$2,169.17	\$139.51	\$4,529.81	\$54.88
23				ì		1		-	
24	ANNUAL OPERATING EXPENSE	<u>s</u>				1		1	
25				F		1	1	:	
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,165.37	\$127.88	\$66.57	\$309.45	\$19.72	\$634.68	\$7.05
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$285.55	\$15.9 1	\$18.07	\$81.62	\$5.14	\$163.04	\$1.77
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$79.56	\$38.09	\$14.48	\$7.77	\$0.83	\$17.89	\$0.51
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$128.59	\$9.96	\$7.70	\$34.90	\$2.24	\$72.89	\$0.88
30				The state of the s					
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,659.07	a constant					
32				A	:	İ	1		
33	COST PER MONTH	(Ln 31 / 12)	\$138.26	1				į	
34					į				
35			1	1	1				
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$4,43		Ì				
37	, ,				1				
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$142.68		į				
39			·					1	

Fiber Loop

SYSTEM INVESTMENT

Unbundled Loop Element Cost Study OHIO INVESTMENT SUMMARY

MATERIAL

ENGINEER

Facility Length

INSTALL

2.08

E&I

Miles

MONROEVILLE

ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	cost \$1,149.07	COST \$1,030.51	COS T \$4,378.49	TOTAL \$5,409.00	T OTAL \$6,558.07
***		. ,	, ,,	, ,,	. ,	- , ,-,
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 13. 46	\$1 15.34	\$279.68
FIBER PANEL C.O	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
TOTAL all ACCOUNT	'S	\$1,477.75	\$1,034.27	\$4,605.42	\$5,639.68	\$7,117.43
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
BREAKOUT OF 2232.xx INVESTMENT	FCC ACCT	MATERIAL COST	ENGINEER COST	INSTALL COST	E&I TOTAL	TOTAL
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment	FCC ACCT 2232.21				-	TOTAL \$0.00
		COST	COST	COST	TOTAL	
TOTAL Circuit Equipment	2232.21	COST \$0.00	COST \$0.00	COST \$0.00	TOTAL \$0.00	\$0.00
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment	2232.21 2232.23 2232.23	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	TOTAL \$0.00 \$0.00	\$0.00 \$0.00
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment	2232.21 2232.23 2232.23	\$0.00 \$0.00 \$328.68	\$0.00 \$0.00 \$3.76	\$0.00 \$0.00 \$226.92	TOTAL \$0.00 \$0.00 \$230.68	\$0.00 \$0.00 \$ <u>559.36</u>
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Accoun	2232.21 2232.23 2232.23	\$0.00 \$0.00 \$328.68 \$328.68	\$0.00 \$0.00 \$3.76 \$3.76	\$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST	\$0.00 \$0.00 \$230.68 \$230.68 E&I	\$0.00 \$0.00 \$559.36 \$559.36
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Accoun	2232.21 2232.23 2232.23 nt	\$0.00 \$0.00 \$328.68 \$328.68	\$0.00 \$0.00 \$3.76 \$3.76	\$0.00 \$0.00 \$226.92 \$226.92	\$0.00 \$0.00 \$230.68 \$230.68	\$0.00 \$0.00 \$559.36 \$559.36
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT	2232.21 2232.23 2232.23 nt	\$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST	\$0.00 \$0.00 \$3.76 \$3.76 \$3.76	\$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST	\$0.00 \$0.00 \$230.68 \$230.68 E&I	\$0.00 \$0.00 \$559.36 \$559.36
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT Pole Investments	2232.21 2232.23 2232.23 nt FCC ACCT 2411.10	\$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST \$75.24	\$0.00 \$0.00 \$3.76 \$3.76 \$3.76 ENGINEER COST \$67.48	\$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$286.72	\$0.00 \$0.00 \$230.68 \$230.68 \$230.68 E&I TOTAL \$354.20	\$0.00 \$0.00 \$559.36 \$559.36 TOTAL \$429.44
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT Pole Investments Aerial Cable Investments	2232.21 2232.23 2232.23 PCC ACCT 2411.10 2421.20	\$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST \$75.24 \$337.57	\$0.00 \$0.00 \$3.76 \$3.76 \$3.76 ENGINEER COST \$67.48 \$302.74	\$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$286.72 \$1,286.29	\$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$354.20 \$1,589.03	\$0.00 \$0.00 \$559.36 \$559.36 TOTAL \$429.44 \$1,926.59
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT Pole Investments Aerial Cable Investments Underground Cable Investments	2232.21 2232.23 2232.23 ant FCC ACCT 2411.10 2421.20 2422.20	\$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST \$75.24 \$337.57 \$21.71	\$0.00 \$0.00 \$3.76 \$3.76 \$3.76 ENGINEER COST \$67.48 \$302.74 \$19.47	\$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$286.72 \$1,286.29 \$82.72	\$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$354.20 \$1,589.03 \$102.19	\$0.00 \$0.00 \$559.36 \$559.36 \$1.926.59 \$123.90

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MARBLEHEAD

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 1.36 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS	-						
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.0000
INVESTMENT FACTOR		,					
ANNUAL EXPENSE FACTORS						:	
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.1285
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.0322
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.0092
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.0160
SALES, ADV, MKTG	0.03202						

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 INVESTMENT	·			;			:	
16 17 EQUIPMENT INVESTMENT		\$1,198.83	\$328.68	\$13 7.97	\$618.97	\$39.94	\$55.59	\$17.69
18 MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$663.51	\$59.87	\$90.21	\$444.78	\$28.70	\$39.94	\$0.00
19 ENGINEERING & INSTALLATI20 SOFTWARE	ON	\$4,739.36 \$0.00	\$230.68	\$714.88	\$3,207.16	\$206 .95	\$288.03	\$91.67
21 INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			;			
22 TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$6,601.70	\$619.24	\$943.05	\$4,270.91	\$275.59	\$383.56	\$109.36
23								
24 ANNUAL OPERATING EXPENSE	<u>s</u>			and the second				
25 CARITAL DECOMERY		P075 40	# 407.00	£424.47	0000 00	#20.0e	CEO 74	£14.00
26 CAPITAL RECOVERY 27 COMPOSITE INCOME TAX	(Ln 9 * Ln 22)	\$975.10	\$127.88	\$131.17	\$609.29	\$38.96	\$53.74	\$14.06
27 COMPOSITE INCOME TAX 28 MAINTENANCE & SUPPORT	(Ln 10 * Ln 22) (Ln 11 * Ln 22)	\$239.70 \$86.08	\$15.91 \$38.09	\$35.61 \$28.52	\$160.70 \$15.30	\$10.14 \$1.64	\$13.81 i \$1.51 i	\$3.53 \$1.01
29 PROPERTY TAX	(Ln 11 * Ln 22)	\$106.23	\$9.96	\$15.17	\$68.72	\$4.43	\$6.17	\$1.76
30	(5) (5 5)	4.00.20	30.33			7 // 10		¥ ¥
31 TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,407.10						
32				!				
33 COST PER MONTH	(Ln 31 / 12)	\$117.26						
34				<u>.</u>		Laborator and		
35 SALES/MKTG:ADV (ABC)	(Ln 13 ° Ln 33)	\$3.75]	
37.	(CH 13 ER 33)	\$0.10			1	atom contact.	į	
38 TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$121.01		\$			3	
39							:	

Fiber Loop	MARBLEHEAD	Facility Length	1.36	ħ

Fiber Loop	MARBLEHEAD		F	acility Length	1.36	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$870.15	ENGINEER COST \$759.98	INSTALL COST \$3,748.69	E&I TOTAL \$4,508.67	TOTAL \$5,378.83
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113. 46	\$115.34	\$279.68
FIBER PANEL C.O.	223 2.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	NTS	\$1.198.83	\$763.74	\$3,975.61	\$4,739.36	\$5,938.19
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$22 <u>6.92</u>	\$230.68	\$559.36
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226. 92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$137.97	\$120.50	\$594.38	\$714.88	\$ 852.85
Aerial Cable Investments	2421.20	\$618.97	\$540.60	\$2,666.56	\$3,207.16	\$3,826.12
Underground Cable Investments	2422.20	\$39.94	\$34.88	\$172.0 7	\$206.95	\$246.89
Buried Cable Investments	2423.20	\$55.5 9	\$48.55	\$239. 48	\$288.03	\$ 343.61
Conduit Investments	2441.10	<u>\$17.69</u>	\$15.45	<u>\$76.21</u>	\$91.6 <u>7</u>	<u>\$109.36</u>
TOTAL 24XX Acco	ount	\$870.15	\$759.98	\$3,748.69	\$4,508.67	\$5,378.83

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

MORNING SUN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.36 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS							·
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR				:			
ANNUAL EXPENSE FACTORS						- work - a make - a - a -	
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202		}				

1	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411 .10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT				; !		man e i mandanismo (despir ma e e	;	
16 17	EQUIPMENT INVESTMENT		\$2,303.12	\$328.68	\$209.65	\$94 0.56	\$60.65	\$736.70	\$26.87
18	MATERIAL LOADINGS	(Ln 4 * En 17)	\$1,445.80	\$59.87	\$137.07	\$675.88	\$43.59	\$529.39	\$0.00
19	ENGINEERING & INSTALLATI	ON (\$9,519.50	\$230.68	\$986.32	\$4 ,424.91	\$285.35	\$3,465.85	\$126.39
20	SOFTWARE		\$0.00	1			***************************************	:	
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00	-	1	-			
22	TOTAL INVESTMENT	(Sum in 17in 21)	\$13,268.42	\$619.24	\$1,333 .04	\$6,041.35	\$389.58	\$4,731.95	\$153.26
23				th system			-		
	ANNUAL OPERATING EXPENSE	<u>s</u>		a canada	·			1	
25				·	1		my a pytholical		
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,912.93	\$127.88	\$185.41	\$861.86	\$55.08	\$663.00	\$19.70
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$483.16	\$15.91	\$50.34	\$227.31	\$14.34	\$170.32	\$4.94
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$122.48	\$38.09	\$ 40.32	\$2 1.65	\$2.32	\$18.68	\$1.42
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$213.50	\$9.96	\$21.45	\$97.21	\$6.27	\$76.14	\$2.47
30				!			-	!	
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,732.07			:		1	
32					. 1	:			
33	COST PER MONTH	(Ln 31 / 12)	\$227.67	ļ	J	İ	Lance of the same	j	
34					*				
35							1	1	
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$7.29			į			
37	•					:		!	
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$234.96		÷	i	į		
39						i	4	:	

Fiber Loop	MORNING SUN		F	acility Length	3.36	Miles
SYSTEM INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
ITEM	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
12 Fiber Cable	24 XX.XX	\$1,974.44	\$1,751.55	\$7,537. 27	\$9,288.82	\$11,263.25
FIBER PANEL COL	223 2.23	\$164.34	\$1.88	\$1 13. 46	\$115.34	\$279.68
FIBER PANEL 3 0.	2232.23	\$164.34	\$1.88	\$1 13. 46	\$115.34	\$279.68

TOTAL all ACCOUNT	NTS	\$2,303.12	\$1,755.30	\$7,764.19	\$9,519.50	\$11,822.62
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$ 0. 00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	223 2.23	\$328.6 <u>8</u>	<u>\$3.76</u>	\$226.92	\$23 <u>0.68</u>	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.9 2	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&1	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$209.65	\$185.98	\$800.33	\$986.32	\$1,195.97
Aerial Cable Investments	2421.20	\$940.56	\$834.38	\$3,590. 53	\$4,424.91	\$5,365.47
Underground Cable Investments	2422.20	\$60.65	\$53. 81	\$231.54	\$285.35	\$346.00
Buried Cable Investments	2423.20	\$736.70	\$653.54	\$2,812.31	\$3,465.85	\$4,202.56
Conduit Investments	2441.10	<u>\$26.87</u>	<u>\$23.83</u>	\$102.56	\$126.39	<u>\$153.26</u>
TOTAL 24XX Acco	unt	\$1,974.44	\$1 ,751.55	\$ 7,537. 27	\$9,288.82	\$11,263.25

COMPANY BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MORRAL

V\$ + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.45 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS				:	; ;		
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR			\$:			[
ANNUAL EXPENSE FACTORS							
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.0092
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
\$ALES, ADV, MKTG	0.03202		1				

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	241 1.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>						Cycle was married to		i
17			\$1,787.44	\$328.68	\$1 67 14	\$749.82	\$48.27	\$472,15	\$21.38
18		(Ln 4 * Ln 17)	\$1,081.94	\$59.87	\$109.28	\$538.82	\$34.69	\$339.28	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$7,215.90	\$230.68	\$800 33	\$3,5 90.51	\$231.14	\$2,260,87	\$102.38
20			\$0.00		• • • • • • • • • • • • • • • • • • • •				
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			İ	***************************************	The state of the s	
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$10,085.27	\$619.24	\$1,076.74	\$4,879 .15	\$314.09	\$3,072.30	\$123.76
23									
	ANNUAL OPERATING EXPENSE	s l	l						
25		_		ANGLOS				1	
26		(Ln 9 ° Ln 22)	\$1,464.48	\$127.88	\$149.76	\$69 6.06	\$44.41	\$430.47	\$15.91
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$366.29	\$15.91	\$40.66	\$183 .58	\$11.56	\$110.58	\$3.99
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$103.28	\$38.09	\$32.57	\$17.48	\$1.87	\$12.13	\$1.14
29		(Ln 12 * Ln 22)	\$162.28	\$9.96	\$17.33	\$78.51	\$5.05	\$49.44	\$1.99
30									
31	TOTAL ANNUAL COST	(Sum Ln 25Ln 29)	\$2,096.34		•	-	a-capped	ĺ	
32					i	İ	***********		
33	COST PER MONTH	(Ln 31 / 12)	\$174.69		3	į	A STATE OF THE STA		
34				ĺ					
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.59			:	İ	į	
37	· · ·				*				
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$180.29		1	ì			
39		·				1.00			
~	<u> </u>		L		<u> </u>				

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	MORRAL		F	acility Length	2.45	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,458.75	ENGINEER COST \$1,291.02	INSTALL COST \$5,694.20	E&I TOTAL \$6,985.22	TOTAL \$8,443.97
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL 0.0.	223 2.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS BREAKOUT OF 2232.xx INVESTMENT		\$1,787.44	\$1,294.77	\$ 5,921.1 3	\$7,215.90	\$9,003.34
		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit = juipment	2232 .21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232 .23	\$328.6 8	<u>\$3.76</u>	\$226. 92	\$230.68	\$559.36
TOTAL 2232 Account		\$328.68	\$3.76	\$226.9 2	\$230.68	\$5 59.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$167.14	\$147.92	\$652.41	\$800.33	\$967.46
Aerial Cable Investments	242 1.20	\$749.82	\$663.6 0	\$2,926.9 0	\$3,590.51	\$4,340.33
Underground Cable Investments	2422.20	\$48. 27	\$42.72	\$188.42	\$231.14	\$279.40
Buried Cable Investments	2423 .20	\$472.15	\$417.86	\$1,843.01	\$2,260.87	\$2,733.02
Conduit Investments	244 1.10	\$21 <u>.38</u>	\$18.92	\$83.4 <u>6</u>	\$102.38	<u>\$123.76</u>
TOTAL 24XX Acco	ount	\$1,458.75	\$1 .291. 02	\$5,694. 20	\$6,985.22	\$8,443.97

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

MARIA STEIN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 5.74 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
<u>INVESTMENT LOADINGS</u>							
MATERIAL LOADINGS		-0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR			:				
ANNUAL EXPENSE FACTORS				: !			
CAPITAL RECOVERY		0.206 52	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776.	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES. ADV, MKTG	0.03202	i					

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	241 1.10	242 1.20	2422.20	2423.20	2441.00
14				:					
	<u>INVESTMENT</u>	İ							ļ
16 17	EQUIPMENT INVESTMENT		\$3,220.59	\$328.68	\$ 0.3 9	\$ 1.73	\$0.29	\$2,889.37	\$0.13
18		(Ln 4 * Ln 17)	\$2,137.86	\$526.00	\$0.25	\$1.75	\$0.29 \$0.21	\$2,009.37	\$0.00
19		` '	\$12,911.00	\$230.68	\$0.23 \$1.70	\$7.61	\$0.21 \$1.27	\$12,669.19	\$0.56
20		014	\$0.00	9230.00 :	31. 9	\$7.07	Ψ1.27	\$12,005.15	\$0.50
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						-
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$18,269.45	\$619.24	\$2.34	\$10.59	\$1.76	\$17,634.84	\$0.69
23		(00.11.01.11.01.7)	V . V 2.0 V	40.0.2.		•10.00	*****		••••
	ANNUAL OPERATING EXPENSE	s l							
25		_						!	
26		(Ln 9 * Ln 22)	\$2,600.91	\$127.88	\$ 0.32	\$1 .51	\$0.25	\$2,470.85	\$0.09
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$651.23	\$15.91	\$ 0.0 9 1	\$0 .40 ±	\$0.06	\$634.74	\$0.02
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$107.84	\$38.09	\$0.67	\$0 .04	\$0.01	\$69.63	\$0.01
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$293.97	\$9.96	\$ 0.34	\$0.17	\$0.03	\$283.76	\$0.01
30				!		٠	!		
31		(Sum Ln 26Ln 29)	\$3,653.95				1		i
32									
	COST PER MONTH	(Ln 31 / 12)	\$304.50	!	;	•	,		
34				į					
35									
	'SALE S/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$9.75				,		
37			FA24 A4			1			
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$314.24					,	
39									

GTE COMPANY

Fiber Loop	MARIA STEIN		F	acility Length	5.74	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,891.91	ENGINEER COST \$2.634.26	INSTALL COST \$10,046.06	E&I TOTAL \$12,680.32	TOTAL \$15,572.22
FIBER PANEL COL	2232.23	\$ 164.3 4	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232 . 2 3	\$164.34	\$1.88	\$1 13. 46	\$115.34	\$ 279.68

TOTAL All ACCOUNTS BREAKOUT OF 2232.xx INVESTMENT		\$3 ,220. 59	\$2 .638.01	\$10,272.99	\$12,911.00	\$16,131.59
		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$ 0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$5.00	\$0. 00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328. 68	<u>\$3.76</u>	\$226. 92	<u>\$230.68</u>	\$5 59.36
TOTAL 2232 Acco	TOTAL 2232 Account		\$3.76	\$226.9 2	\$230.68	\$ 559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$0.3 9	\$0. 35	\$1.34	\$1.70	\$2.08
Aerial Cable Investments	2421.20	\$1.73	\$1.58	\$6. 03	\$7.61	\$9.34
Underground Cable Investments	2422.20	\$0.29	\$0.26	\$1. 00	\$1.27	\$1.56
Buried Cable Investments	2423.20	\$2,889.37	\$2 .631.94	\$10,037. 24	\$12,669.19	\$15,558.55
Conduit Investments	2441.10	\$0.1 3	\$0.12	\$0. 44	\$0.56	\$0.69
TOTAL 24XX Acco	ount	\$2.891.91	\$2.634 26	\$10,046. 06	\$12,680.32	\$15,572.22

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MOUNT BLANCHARD

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 0.71 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 <u>II</u> 3	NVESTMENT LOADINGS		:					
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
6								
7 <u>A</u>	NNUAL EXPENSE FACTORS						- Land	
8		1			;	:	All references to the second	
9	CAPITAL RECOVERY		0.20652	0.13939	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT wholesale		0.061 51	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	24 1 1 .10	2421.20	2422.20	2423.20	2441.00
14 15 INVESTMENT 16							Book of Direction	
17 EQUIPMENT INVESTMENT		\$730.83	\$328.68	\$33 .07	\$148.35 ·	\$9.56	\$206.94	\$4.23
18 MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$343.67	\$59.87	\$21.62	\$106 .60	\$6.87	\$148.71	\$0.00
19 ENGINEERING & INSTALLATI	ON	\$2,351.16	\$230.68	\$174 .36	\$7 82.22	\$50.40	\$1,091.18	\$22.33
SOFTWARE		\$0.00	:					
21 INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00				1		
22 TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$3,425.67	\$619.24	\$229 .04	\$1 ,037.17	\$66.83	\$1,446.83	\$26.56
23								
24 ANNUAL OPERATING EXPENSE	s		\$:		•	:	İ	
25			:			į		
26 CAPITAL RECOVERY	(Ln 9 1 Ln 22)	\$523.28	\$127.88	\$3 1.86	\$147.96	\$9.45	\$202.72	\$3.41
27 COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$118.98	\$15.91	\$8.65	\$39.02 ¹	\$2.46	\$52.08	\$0.86
28 MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$55.09	\$38.09	\$6.93	\$3.72	\$0.40	\$5.71	\$0.25
29 PROPERTY TAX	(Ln 12 * Ln 22)	\$55.12	\$9.96	\$3.69	\$16.69	\$1.08	\$23.28	\$0.43
30	1		3					
31 TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$752.47						
32								
33 COST PER MONTH	(Ln 31 / 12)	\$62.71						
34	•							
35								
36 'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$2.01						
37	1							
38 TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$64.71	}			Tage Tage		
39	ļ		Ì					

Fiber Loop

SYSTEM INVESTMENT

Facility Length 0.71 Miles

E&I

INSTALL

Unbundled Loop Element Cost Study OHIO INVESTMENT SUMMARY

MATERIAL

ENGINEER

MOUNT BLANCHARD

ITEM	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
12 Fiber Cable	24 XX.XX	\$402. 15	\$3 59 0 9	\$1 ,761. 39	\$2,120.48	\$2 ,522.63
FIBER PANEL COL	2232.23	\$164.34	\$1 88	\$ 113. 46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$1 13. 46	\$115.34	\$279.68
TOTAL all ACCOUN	NTS -	\$730.8 3	\$3 62 85	\$1,988.31	\$2,351.16	\$3,081.99
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
BREAKOUT OF 2232.xx INVESTMENT	FCC ACCT	MATERIAL COST	ENGINEER COST	INSTALL COST	E&I TOTAL	TOTAL
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment	FCC ACCT 2232.21					TOTAL \$0.00
		COST	COST	COST	TOTAL	
TOTAL Circuit Equipment	2232.21	COST \$0.00	COST \$0 00	COST \$0.0 0	TOTAL \$0.00	\$0.00
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment	2232.21 2232.23 2232.23	COST \$0.00 \$0.00	COST \$0 00 \$0 00	\$0.0 0 \$0.0 0 \$0.0 0	TOTAL \$0.00 \$0.00	\$0.00 \$0.00
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment	2232.21 2232.23 2232.23	COST \$0.00 \$0.00 \$328.68	COST \$0 00 \$0 00 <u>\$3 76</u>	\$0.00 \$0.00 \$0.00 • \$226 92	TOTAL \$0.00 \$0.00 \$230.68	\$0.00 \$0.00 <u>\$559.36</u>
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Acco	2232.21 2232.23 2232.23	\$0.00 \$0.00 \$0.00 \$328.68 \$328.68	COST \$0.00 \$0.00 \$3.76 \$3.76	\$0.00 \$0.00 \$0.00 \$226.92 \$226.92	\$0.00 \$0.00 \$230.68 \$230.68	\$0.00 \$0.00 <u>\$559.36</u>
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Acco	2232.21 2232.23 2232.23 unt	\$0.00 \$0.00 \$0.00 \$328.68 \$328.68	COST \$0.00 \$0.00 \$3.76 \$3.76 ENGINEER	\$0.00 \$0.00 \$0.00 \$226.92 \$226.92	\$0.00 \$0.00 \$230.68 \$230.68	\$0.00 \$0.00 <u>\$559.36</u> \$559.36
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Acco BREAKOUT OF 24xx.xx INVESTMENT	2232.21 2232.23 2232.23 unt	\$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST	COST	\$0.00 \$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST	\$0.00 \$0.00 \$230.68 \$230.68 E&I	\$0.00 \$0.00 <u>\$559.36</u> \$559.36
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Acco BREAKOUT OF 24xx.xx INVESTMENT Pole Investments	2232.21 2232.23 2232.23 unt FCC ACCT 2411.10	\$0.00 \$0.00 \$328.68 \$328.68 \$328.68 MATERIAL COST \$33.07	\$0.00 \$0.00 \$0.00 \$0.76 \$0.76 \$0.76 \$0.76	\$0.00 \$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$144.83	\$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$174.36	\$0.00 \$0.00 \$559.36 \$559.36 TOTAL \$207.42
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Acco BREAKOUT OF 24xx.xx INVESTMENT Pole Investments Aerial Cable Investments	2232.21 2232.23 2232.23 unt FCC ACCT 2411.10 2421.20	\$0.00 \$0.00 \$328.68 \$328.68 \$328.68 MATERIAL COST \$33.07 \$148.35	\$3 00 \$5 00 \$3 76 \$3.76 \$3.76 ENGINEER COST \$29 53 \$132.46	\$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$144.83 \$649.75	\$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$174.36 \$782.22	\$0.00 \$0.00 \$559.36 \$559.36 TOTAL \$207.42 \$930.56
TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Acco BREAKOUT OF 24xx.xx INVESTMENT Pole Investments Aerial Cable Investments Underground Cable Investments	2232.21 2232.23 2232.23 unt FCC ACCT 2411.10 2421.20 2422.20	\$0.00 \$0.00 \$328.68 \$328.68 \$328.68 MATERIAL COST \$33.07 \$148.35 \$9.56	COST	\$0.00 \$0.00 \$2.00 \$226.92 \$226.92 INSTALL COST \$144.83 \$649.75 \$41.87	\$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$174.36 \$782.22 \$50.40	\$0.00 \$0.00 \$559.36 \$559.36 \$707AL \$207.42 \$930.56 \$59.96

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MOUNT ORAB

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.8 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411 10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
NVESTMENT LOADINGS							
MATERIAL LOADINGS	į	0.18216	0.65331	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR		0.10210:	0.00271	0.7 1033	0.7 1003	0.71039	0.00000
5	!	:					
ANNUAL EXPENSE FACTORS							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.037761	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.018091	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202	i				į	

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411 .10	2421 .20	2422.2 0	2423.20	2441.00
14 15 <u>INVESTMENT</u> 16							7	
17 EQUIPMENT INVESTMENT		\$1,356.35	\$328.68	\$89.57	\$403 .20	\$26.03	\$497.03	\$11.53
18 MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$784.24	\$59.87	\$5 8.76	\$289.74	\$18.70	\$357.16	\$0.00
19 ENG∴EERING & INSTALLAT	ION	\$5,166,30	\$230.68	\$4 31 64	\$1,93 6.48	\$125.01	\$2,387.12	\$55.37
20 SOFTWARE		\$0.00					1	
21 INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22 TOTALIN/ESTMENT	(Sum Ln 17Ln 21)	\$7,306.89	\$619.24	\$5 80.28	\$2,62 9.42	\$169.74	\$3,241.32	\$66.90
23						:	!	
24 <u>Annual operating expense</u>	<u>:s</u>		1					
25		İ	:					
26 CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,070.45	\$127.88	\$80.71	\$375.11	\$24.00	\$454.15	\$8.60
27 COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$261.83	\$15.91	\$21 91	\$9 8.93	\$6.25	\$116.67	\$2.16
MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$79.49	\$38.09	\$1 7.55	\$9.42	\$1.01	\$12.80	\$0.62
29 PROPERTY TAX	(Ln 12 ° Ln 22)	\$117.58	\$9.96 !	\$9.34	\$42.31	\$2.73	\$52.16	\$1.08
30]			1					
31 TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,529.34						
32		1				- Mary Co		
33 COST PER MONTH	(Ln 31 / 12)	\$127.45		٠		al and		
34							,	
35						i	1	
36 'SALE S, MKTG ADV (ABC)	(Ln 13 * Ln 33)	\$4.08				!	a de	
37						:		
38 TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$131,53	:			tory and them		
39							7	

Pole Investments

Aerial Cable investments

Buried Coole Investments

Conduit Investments

Underground Cable Investments

TOTAL 24XX Account

Unbundled Loop Element Cost Study OHIO INVESTMENT SUMMARY

Fiber Loop	MOUNT ORAB		F	Facility Length	1.80	Miles
SYSTEM INVESTMENT						
		MATERIAL	ENGINEER	INSTALL	E&I	
ITEM 12 Fibe r Cab⊧e	FCC ACCT 24XX.XX	соs т \$1.027.37	COST \$915 34	cos t \$4,019.2 7	TOTAL \$4,935.61	TOTAL \$5,963.28
12 Fluer Gable	24 /\(\lambda\)	φτ.υΣγ.σγ	35 ° 34	94 ,018.27	\$4 ,533. 01	\$ 0,303.20
FIBER PANEL COL	2232.23	\$164 34	S* 88	\$ 113. 46	\$ 11 5.34	\$27 9 68
FIBER PANEL C.O.	2232 .23	\$164.34	\$1.88	\$113. 46	\$115.34	\$2 79.68
TOTAL all ACCOL	UNTS _	\$1 356 35	\$92 10	\$4 ,246.1 9	\$5,166.30	\$6,522.65
BREAKOUT OF 2232.xx INVESTMENT	_	MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Capait Escipment	2232.21	\$ 0.00	30 00	\$0.00	\$0.00	\$0.00
TOTAL Ficer Teliminal Equipment	223 2.23	\$ 0.30	00	S0 0 0	\$0.00	\$0.00
TOTAL Fiber Tell minating Equipment	2232.23	<u>\$328</u> ∂ <u>8</u>	<u> 33 76</u>	S223 92	\$230.6 <u>8</u>	\$559 <u>.36</u>
TOTAL 2232 Acc	count	\$328 68	\$ 3. 76	\$226. 92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL

\$89 37

\$403.20

\$26.03

\$497.03

<u>\$11.53</u>

\$1.027.67

2411.10

2421.20

2422.20

2423.20

2441.10

\$80.14

\$350.53

S. 3 21

\$443.19

\$1...<u>28</u>

\$916.34

\$351 **50**

\$1,576.95

\$101.80

\$1,943 9**3**

\$4.019.27

<u>\$45.**09**</u>

\$431.64

\$1,936.48

\$125.01

\$2,387.12

\$4,935.61

<u>\$55.37</u>

\$521 52

\$2,339.68

\$151 03

\$2,884.15

\$5,963.28

\$66.90

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MONTPELIER

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.22 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.1	Aerial Cable Nonmetallic 2421 20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS							
MATERIAL LOADINGS	i	0. 18 216	0.65381	0 .71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR		1	•	5 1000			0.000
		:					
ANNUAL EXPENSE FACTORS							
						1	
CAPITAL RECOVERY		0. 20 652	0.13909	0.14265	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0. 02 5მ9	0.03 ⁻⁷ 6	0.03763	0.03681	0.03599	0.03220
MAINTENANCE & SUPPORT WHOLESALE		0. 06 151	0.03025	0.00358	0.00596	0.00395	0.00928
PROPERTY TAX		0.01609	0.01 :09	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411 .10	2421.20	2422.2 0	2423.20	2441.00
	INVESTMENT			:			;		
16 17	EQUIPMENT INVESTMENT		\$1,699.29	\$328.68	\$187 [8	\$842 .88	\$5 4.45	\$261.27	\$24.12
18 19	ENGINEERING & INSTALLATI	(Ln 4 * Ln 17) ON	\$1,015.28 \$6,908.88	\$ 59 .87 : \$ 230 .68 :	\$12 2 34 \$9 15 43	\$605 .69 \$4,10 6.91	\$39.13 \$265.33	\$187.74 \$1,273.00	\$0.00 \$1 17.52
20 21	SOFTWARE INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00 \$0.00	:					
22 23	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$9,623.44	\$619.24 *	\$1,228 15	\$5 ,555.49	\$35 8.91	\$1,722.01	\$14 1.64
24 25	ANNUAL OPERATING EXPENSE	<u>S</u>					;	1	
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,401,19	\$127.88	\$1 70 54	\$792.54	\$5 0.74	\$241.27	\$18.21
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$351.00	\$15.91	\$4 8 30	\$209 .03	\$13.21	\$61.98	\$4.57
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$105.33	\$38 (9)	\$3 7 39	\$19 .90	\$2.14	\$6.80	\$1.31
29 30		(Ln 12 ° Ln 22)	\$154.85	\$9.96	\$1 9 7 3	\$89 .39	\$5.78	\$27.71	\$2.28
31 32	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,012.38				**************************************		
34		(Ln 31 / 12)	\$167.70	:				1	
35 36 37	'SALES.MKTG/ADV (ABC)	(La 13 ° La 33)	\$5.37	:				n may ny may ny diana ny farina ny f	
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$173.07						

Fiber Loop	MONTPELIER		F	acility Length	2.22	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,370.60	ENGINEER COST \$1.235.03	install cost \$5,473 16	E&I TOTAL \$6,678.20	TOTAL \$8,048.80
FIBER PANEL COL	2232 .23	\$164.04	31.88	\$113.46	\$115.34	\$2 79.68
FIBER PANEL C.O.	2232 .23	\$164.34	31.88	\$113.46	\$115. 34	\$2 79.68

TOTAL all ACCOU	NTS	\$1,699.29	\$1.205.79	\$5,700-09	\$6,908.88	\$8,608.16
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circust Equipment	2232.21	\$0 00	\$0.00	\$8 0 0	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0 .00	G0.08	S0 0 0	\$0.00	\$0 .00
TOTAL Fiber Terminating Equipment	2232.2 3	<u>\$328 ∃8</u>	<u>\$3.78</u>	\$2 26.9 2	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328 .∂8	33.76	\$22 0 92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411 .10	\$18 7 38	\$165.18	\$750 25	\$915.43	\$1,103.31
Aerial Cable Investments	2421 .20	\$ 84 2 38	\$741.06	\$3,3 65 85	\$4,106.91	\$4,94 9.80
Underground Cable Investments	2422 .20	\$54 .45	\$47.88	\$217.45	\$265.33	\$3 19.78
Buried Cable Investments	2423.20	\$261 .27	\$ 229.70	\$1 ,043.30	\$1,273.00	\$1,534 .27
Conduit Investments	2441 .10	\$24 .12	<u>\$21.21</u>	\$96.3 2	<u>\$117.52</u>	\$141 .64
TOTAL 24XX Acco	ount	\$1,370 .60	\$1,295. 03	\$5,4 73.1 6	\$6,678.20	\$8,048.80

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MONTROSE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.57 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 241 1.10	Aerial Cable Nonmetallic 2421 20	Ungnd Cable Nonmetallic 2422.20	:	Conduit 244 1.00
INVESTMENT LOADINGS							
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR		0.102:0	0.00001	0.1 (003	0.1 1000	0.7 1003	0.00000
		:					
ANNUAL EXPENSE FACTORS		\$:					
					1		
CAPITAL RECOVERY	Ì	0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.025∂9 ¹	0.03776	0.03763	0 .03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES. ADV, MKTG	0.03202	:					

	CALCULATION OF MONTHLY C	OST	TOTAL.	2232 .23	2411 .10	2421.20	2422.20	2423.20	2441 .00
	INVESTMENT							To the second se	
16 17			\$1,969.57	\$328 .68	\$2 58.12	\$1 ,158.00	\$74.77	\$116.88	\$33.12
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,198.48	\$59 .87	\$ 168.76	\$832.13	\$53.73	\$83.99	\$0.00
19		ON	\$8,262.75	\$230.68	\$1,263.48	\$5 ,668.35	\$366.00 i	\$572.12	\$162.11
20	SOFTWARE		\$0.00					i	
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00					1	
22	TOTAL:NVESTMENT	(Sum Ln 17Ln 21)	\$11,430.81	\$619.24	\$1,690.36	\$7,658.48	\$494.50	\$772.99	\$195.23
23						•			
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,658.86	\$127.88 :	\$235.11	\$1,092.56	\$69.92	\$108.31	\$25.10
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$420.22	\$15.91 ·	\$63.83	\$288 .16	\$ 18.20	\$27.82	\$6.30
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$124.46	\$38.09	\$51 .13	\$27.44	\$2.95	\$3.05	\$1.81
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$183.93	\$9 .96	\$27.20	\$123.23	\$7. 9 6 -	\$12.44	\$3.14
30									
-	TOTAL ANNUAL COST	(Sum Ln 26.,Ln 29)	\$2.387.48				i		
32									
	COST PER MONTH	(Ln 31 / 12)	\$198.96						
34			-	2					
35				ı			- 14 Angles		
	'SALES:MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$6.37						
37				:					
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$205.33						
39									

Fiber Loop	MONTROSE		F	Facility Length	2.57	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,640.89	ENGINEER COST \$1.433.70	INSTALL COST \$6,598.37	E&I TOTAL \$8,032.07	TOTAL \$9 ,672.96
FIBER PANEL COL	223 2.23	\$164.34	\$1 88	\$ 113 46	\$115.34	\$2 79.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$2 79.68

TOTAL all ACCOU	NTS	\$1,969.57	\$1 .437.46	\$6,825 29	\$8,262.75	\$10,232.32
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	223 2.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	223 2.23	\$0.00	\$0.03	\$0.00	\$0.00	\$0.00
TOTAL Figer Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	<u>\$226.92</u>	<u>\$230.68</u>	\$559 .36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559 .36
BREAKOUT OF 24xx.xx !NVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	241 1.10	\$258.12	\$225.53	\$1.037.9 5	\$1,263.48	\$1,521 .60
Aerial Cable Investments	242 1.20	\$1,158.00	\$1 ,011.79	\$4.656.57	\$5,668.35	\$6,826 .35
Underground Cable Investments	2422.20	\$74.77	\$65.33	\$300.67	\$366.00	\$440 .77
Buried Cable Investments	2 423.20	\$116.88	\$102.12	\$470.00	\$572.12	\$689.00
Conduit Investments	244 1.10	\$33,12	\$28.94	\$1 33 18	<u>\$162.11</u>	\$195 .23
TOTAL 24XX Acco	unt	\$1,640.89	\$1.433.70	\$6,598.37	\$8,032.07	\$9,672 .96

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MARTINSVILLE

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 1.66 Miles

IN	VESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411 10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 <u>IN</u> 3	VESTMENT LOADINGS						:	
5	MATERIAL LOADINGS INVESTMENT FACTOR		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
1	NNUAL EXPENSE FACTORS						a symmetry company of the symmetry of the symm	
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0 .01609	0 .01609	0.01609	0.01609
13	SALES. ADV, MKTG	0.03202						

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	241 1.10	2421.20	2422.20	2423.20	2441.00
4 5								
6 17 EQUIPMENT INVESTMENT		\$1,35 5.35	\$328.68	\$1 41.35	\$63 6 35	\$41.08	\$189.18	\$18.20
8 MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$775.37	\$59.87	\$92.74	\$457.29	\$29.52	\$135.95	\$0.00
9 ENGINEERING & INSTALLATI		\$5,323.04	\$230.68	\$703.57	\$3,156.42	\$203.75	\$938.37	\$90.25
O SOFTA ARE		\$0.00	\$250.00	\$ 100.01	ψ 0 ,100.πΣ	42 00.70	4500.01	Ψ00.20
1 INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	:				-	
2 TOTAL WESTMENT	(Sum (n 17Ln 21)	\$7,453.75	\$619.24	\$938.16	\$4,2 50.07	\$2 74.35	\$1,263.50	\$108.44
3	,	. ,						
4 ANNUAL CPERATING EXPENSE	<u>s</u> {							
5	_		-					
6 CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,094.44	\$127.88	\$ 130.48	\$6 06.31	\$38.79	\$177.03	\$13.94
7 COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$270.32	\$15.91	\$35.43	\$159.91	\$10.10	\$45.48	\$3.50
8 MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$89.32	\$38.09	\$28.38	\$15.23	\$1.64	\$4.99	\$1.00
9 PROPERTY TAX	(Ln 12 * Ln 22)	\$119.94	\$ 9.96	\$15 10	\$ 68 39	\$4.41	\$20.33	\$1.74
0								
1 TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,574.02	1					
2 3 COST PER MONTH	(Ln 31 / 12)	\$131.17	:				! ! !	
4 5			:					
6 'SALES/MKTG/ADV (ABC) 7	(Ln 13 * Ln 33)	\$4.20	:				:	
8 TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$135.37					opening.	
39			<u></u>			· .		

MARTINSVILLE		F	acility Length	1.66	Miles
FCC ACCT 24XX.XX	MATERIAL COST \$1,026.67	ENGINEER COST \$902.35	INSTALL COST \$4.190.00	E&I TOTAL \$5,092.35	TOTAL \$6 ,119.02
2232 .23	\$164.34	\$1.83	S113 4 6	\$115.34	\$279 .68
2232 .23	\$164.34	\$1.88	\$113.46	\$115.34	\$279 .68
	FCC ACCT 24XX.XX 2232.23	MATERIAL FCC ACCT COST 24XX.XX \$1,026.67 2232.23 \$164.34	MATERIAL ENGINEER FCC ACCT COST COST 24XX.XX \$1,026.67 \$902.35 2232.23 \$164.34 \$1.83	MATERIAL ENGINEER INSTALL FCC ACCT GOST COST COST 24XX.XX \$1,026.67 \$902.35 \$4.190.00 2232.23 \$164.34 \$183 \$113.46	MATERIAL ENGINEER INSTALL E&I FCC ACCT COST COST COST TOTAL 24XX.XX \$1,026.67 \$902.35 \$4.190.90 \$5.092.35 2232.23 \$164.34 \$188 \$113.46 \$115.34

TOTAL all ACCOUN	its .	\$1,355.35	\$906.11	\$4.416.93	\$5,323.04	\$6,678.38
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	223 2.23	\$0.00	\$0.03	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminating Equipment	2232.23	\$326.68	<u>\$3,76</u>	<u>\$226.92</u>	<u>\$230.68</u>	\$559 .36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559 .36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$141.85	3124.67	3578 90	\$703.57	\$845.41
Aerial Cable investments	2421.20	\$636.36	\$659.31	\$2,597,11	\$3,156.42	\$3,79 2.78
Underground Cable Investments	2422 .20	\$41.08	\$36.13	\$167 35	\$203.75	\$244 .83
Buried Cable Investments	2423 .20	\$1 89.1 8	\$166.28	\$772 09	\$938.37	\$1 ,127 55
Conduit Investments	2441 .10	\$18.20	\$15.99	<u>\$74.26</u>	\$90.25	<u>\$108.44</u>
TOTAL 24XX Acco	unt	\$1,026.67	\$902.35	\$4,190.00	\$5.092. 35	\$6,1 19.02

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

MOWRYSTOWN

VS + VIS

BNF:

DESCRIPT!ON: HiCAP Fiber Loop Facility

Facility Length 4.66 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411 10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 <u>INVESTMENT LOADINGS</u>			:				
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR			0.00001	3.111000	017 1000	0 (000)	0,000
6 7 ANNUAL EXPENSE FACTORS		 				!	
8						:	
9 CAPITAL RECOVERY		0.20652	0.139091	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.037 76 -	0.03763	0.03681	0.03599	0.03226
1 MAINTE' ANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES 4DV, MKTG	0.03202	;				İ	

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	242 1.20	242 2.20	2423.20	2441.00
	INVESTMENT							:	
16 17			\$2,918. 01	\$328.68	\$179.65	\$805.96	\$52 .03	\$1,528.63	\$2 3.05
18	MATER: AL LOADINGS	(Ln 4* Ln 17)	\$1,892.35	\$59.87	\$117.46	\$579.16	\$37 39	\$1,098.47	\$0.00
19	1	ON	\$12,051. 89	\$230.68	\$820.17	\$3,679.52	\$23 7.53	\$6,978.78	\$10 5.21
20	SOFTWARE		\$0.00	:					
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	t :				1	
22	TOTAL N/ESTMENT	(Sum Ln 17Ln 21)	\$16,862.24	\$619.24	\$1 ,117. 28	\$5 ,064.65	\$3 26.94	\$9,605.88	\$128.26
23								:	
24	ANNUAL CRERATING EXPENSE	<u>s</u>		:		•		1	
25								i	
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$2,414.41	\$127.88	\$155. 40	\$722.52	\$46.23	\$1,345.90	\$ 16.49
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$610.58	\$15.91	\$42.19	\$190.56	\$12.03	\$345.75	\$4.14
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$131.09	\$38.09	\$33 7 9	\$18.15	\$1.95	\$37.93	\$1.19
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$271. 33	\$9.96	\$17.98	\$81.50	\$5.26	\$154.57	\$2.06
30				:				1	
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,427.42	į į					
32								ì	
33	COST PER MONTH	(Ln 31 / 12)	\$285.62						
34								1	
35				1				í	
36	'SALES/MRTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$9.14						
37								,	
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$294.76	ĺ					
39									

Fiber Loop	MOWRYSTOWN			Facility Length	4.66	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,589.32	ENGINEER COST \$2.319.83	INSTALL COST S9,501.38	E&I TOTAL \$11.821.21	T OTAL \$14, 410.53
FIBER PANEL COL	22 32.23	\$164.34	\$1.88	\$113.46	\$ 115. 34	\$2 79.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$2 79.68

TOTAL all ACCOUN	ITS .	\$2,918.01	\$2.323.59	\$9.728.30	\$12.051.89	\$14,969 .89
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL.	TOTAL
TOTAL Circuit äquipment	2232 .21	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0 90
TOTAL Fiber Terminating Equipment	2232 .23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230. 68	\$559 36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	S226.92	\$230.68	\$55 9.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	241 1.10	\$179.65	\$160.95	\$659.22	\$820.17	\$99 9.82
Aerial Cable Investments	2421 .20	\$805.96	3722.08	\$2,957.44	\$ 3,679. 52	\$4,48 5.48
Underground Cable Investments	2422 .20	\$52.03	\$46.61	\$190.9 2	\$237. 53	\$289 .56
Buried Caste Investments	2423 .20	\$1,528.63	\$1.369.54	\$5,609.24	\$ 6.978. 78	\$8,5 07.41
Conduit Investments	2441.10	<u>\$23.05</u>	<u>\$20.65</u>	<u>\$84.56</u>	<u>\$105.21</u>	\$128 26
TOTAL 24XX Acco	unt	\$2,589.32	\$2.319.83	\$9,501.38	\$11.821.21	\$14,410.53

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW BURLINGTON

V\$ + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 6.1 Miles

Γ		"		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
Į	NVESTMENT / COST FACTORS		Ì	Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
L				2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
2 1	NVESTMENT LOADINGS								
4	MATERIAL LOADINGS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR	1							
6									
7	ANNUAL EXPENSE FACTORS								
8									
9	CAPITAL RECOVERY			0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX			0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT	WHOLESALE	Ì	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX			0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG		0.03202						

14 15 INVESTMENT	LCULATION OF MONTHLY	COST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
17 EQUIPMENT INVESTMENT \$3,427.08 \$328.68 \$19.07 \$85.54 \$5.54 \$2,985.81 18 MATERIAL LOADINGS (Ln.4*Ln.17) \$2,283.37 \$59.87 \$12.47 \$61.47 \$3.98 \$2,145.58 19 ENGINEERING & INSTALLATION \$13,838.00 \$230.68 \$83.73 \$375.66 \$24.32 \$13,112.83 20 SOFTWARE \$0.00 \$10.00 \$0.00 \$10.00 \$0.00 \$10.00	/ESTMENT								
18 MATERIAL LOADINGS (Ln.4 * Ln.17) \$2,283.37 \$59.87 \$12.47 \$61.47 \$3.98 \$2,145.58 19 ENGINEERING & INSTALLATION \$13,838.00 \$230.68 \$83.73 \$375.66 \$24.32 \$13,112.83 20 SOFTWARE \$0.00 \$0.00 \$0.00 \$10.00	EQUIPMENT INVESTMENT		\$3,427.08	\$328.68	\$19.07	\$85.54	\$5.54	\$2,985.81	\$2.45
19 ENGINEERING & INSTALLATION \$13,838.00 \$230.68 \$83.73 \$375.66 \$24.32 \$13,112.83 \$20 \$0.0	MATERIAL LOADINGS	(Ln 4 ° Lo 17)	I '' I		· · · · · · · · · · · · · · · · · · ·	1	1		\$0.00
20 SOFTWARE 21 INVESTMENT FACTOR (Ln 5 *Lns 17+19) \$0.00 22 TOTAL INVESTMENT (Sum Ln 17. Ln 21) \$19,548.45 \$619.24 \$115.27 \$522.66 \$33.84 \$18,244.22 23 24 ANNUAL OPERATING EXPENSES 25 CAPITAL RECOVERY (Ln 9 * Ln 22) \$2,781.20 \$127.88 \$16.03 \$74.56 \$4.78 \$2,556.23 \$27 COMPOSITE INCOME TAX (Ln 10 * Ln 22) \$698.28 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 \$28 MAINTENANCE & SUPPORT (Ln 11 * Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$299 PROPERTY TAX (Ln 12 * Ln 22) \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 \$3.909.83 26 COST PER MONTH (Ln 31/12) \$325.82	ENGINEERING & INSTALLA	• /	1 ''		. 1		· · · · · · · · · · · · · · · · · · ·		\$10.77
22 TOTAL INVESTMENT (Sum Ln 17. Ln 21) \$19,548.45 \$619.24 \$115.27 \$522.66 \$33.84 \$18,244.22 \$23 \$24 ANNUAL OPERATING EXPENSES \$2,781.20 \$127.88 \$16.03 \$74.56 \$4.78 \$2,556.23 \$27 COMPOSITE INCOME TAX (Ln 10 * Ln 22) \$698.28 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 \$28 MAINTENANCE & SUPPORT (Ln 11 * Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$29 PROPERTY TAX (Ln 12 * Ln 22) \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 \$30 \$31 TOTAL ANNUAL COST (Sum Ln 26. Ln 29) \$3,909.83 \$325.82 \$33 COST PER MONTH (Ln 31/12) \$325.82	SOFTWARE		· .	,		43.3.3	*****	.,,,,	*
22 TOTAL INVESTMENT (Sum Ln 17. Ln 21) \$19,548.45 \$619.24 \$115.27 \$522.66 \$33.84 \$18,244.22 \$23 \$24 ANNUAL OPERATING EXPENSES \$2,781.20 \$127.88 \$16.03 \$74.56 \$4.78 \$2,556.23 \$27 COMPOSITE INCOME TAX (Ln 10 * Ln 22) \$698.28 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 \$28 MAINTENANCE & SUPPORT (Ln 11 * Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$29 PROPERTY TAX (Ln 12 * Ln 22) \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 \$30 \$31 TOTAL ANNUAL COST (Sum Ln 26. Ln 29) \$3,909.83 \$325.82 \$33 COST PER MONTH (Ln 31/12) \$325.82	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00		-	Victoria			
23 24 ANNUAL OPERATING EXPENSES 25 26 CAPITAL RECOVERY (Ln 9 * Ln 22) \$2,781.20 \$127.88 \$16.03 \$74.56 \$4.78 \$2,556.23 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 \$1.25 \$656.67 \$1.25 \$656.67 \$1.25 \$656.67 \$1.25 \$656.67 \$1.25 \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$11.87 \$0.20 \$72.04 \$1.85 \$1.85 \$8.41 \$0.54 \$293.57 \$1.25 \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 \$1.25 \$33,909.83 \$1.85 \$1.	TOTAL INVESTMENT	, ,	\$19,548.45	\$619.24	\$115.27	\$522.66	\$33.84	\$18,244.22	\$13.23
25 26 CAPITAL RECOVERY (Ln 9 * Ln 22) \$2,781.20 \$127.88 \$16.03 \$74.56 \$4.78 \$2,556.23 \$27 COMPOSITE INCOME TAX (Ln 10 * Ln 22) \$698.28 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 \$28 MAINTENANCE & SUPPORT (Ln 11 * Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$29 \$272.04 \$29 \$272.04 \$293.57 \$30 \$31.25 \$39.983 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49		,			,				·
25 26 CAPITAL RECOVERY (Ln 9 * Ln 22) \$2,781.20 \$127.88 \$16.03 \$74.56 \$4.78 \$2,556.23 \$27 COMPOSITE INCOME TAX (Ln 10 * Ln 22) \$698.28 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 \$28 MAINTENANCE & SUPPORT (Ln 11 * Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$29 \$272.04 \$29 \$272.04 \$293.57 \$30 \$31.25 \$39.983 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49 \$1.85 \$3.49	NUAL OPERATING EXPEN	SES	Ì	ĺ					
26 CAPITAL RECOVERY (Ln 9 * Ln 22) \$2,781.20 \$127.88 \$16.03 \$74.56 \$4.78 \$2,556.23 \$27 COMPOSITE INCOME TAX (Ln 10 * Ln 22) \$698.28 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 \$28 MAINTENANCE & SUPPORT (Ln 11 * Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$29 PROPERTY TAX (Ln 12 * Ln 22) \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 \$32 \$32 \$33 COST PER MONTH (Ln 31/12) \$325.82								ļ	
27 COMPOSITE INCOME TAX (Ln 10 * Ln 22) \$698.28 \$15.91 \$4.35 \$19.67 \$1.25 \$656.67 28 MAINTENANCE & SUPPORT (Ln 11 * Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 29 PROPERTY TAX (Ln 12 * Ln 22) \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 30 31 TOTAL ANNUAL COST (Sum Ln 26.Ln 29) \$3,909.83 32 COST PER MONTH (Ln 31/12) \$325.82	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$2,781.20	\$127.88	\$16.03	\$74.56	\$4.78	\$2,556.23	\$1.70
28 MAINTENANCE & SUPPORT (Ln 11*Ln 22) \$115.81 \$38.09 \$3.49 \$1.87 \$0.20 \$72.04 \$29 PROPERTY TAX (Ln 12*Ln 22) \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 \$30 \$31 TOTAL ANNUAL COST (Sum Ln 26.Ln 29) \$3,909.83 \$32 COST PER MONTH (Ln 31/12) \$325.82	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	r · 1	\$15.91		\$19.67	\$1.25	\$656.67	\$0.43
29 PROPERTY TAX (Ln 12*Ln 22) \$314.55 \$9.96 \$1.85 \$8.41 \$0.54 \$293.57 30 31 TOTAL ANNUAL COST (Sum Ln 26Ln 29) \$3,909.83 32 33 COST PER MONTH (Ln 31/12) \$325.82 34	MAINTENANCE & SUPPOR	T (Ln 11 * Ln 22)	\$115.81	1	\$3.49	\$1.87	\$0.20	\$72.04	\$0.12
31 TOTAL ANNUAL COST (Sum Ln 26.1.n 29) \$3,909.83 32	PROPERTY TAX	(Ln 12 * Ln 22)	\$314.55	\$9.96	\$1.85	\$8.41	\$0.54	\$293.57	\$0.21
32 33 COST PER MONTH (Ln 31/12) \$325.82 34								1	
33 COST PER MONTH (Ln 31/12) \$325.82 34	TAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,909.83	-				a, r ^{im} ene a mbay	
34				ļ					
	ST PER MONTH	(Ln 31 / 12)	\$325.82	1					
						, in the second			
						1			
36 'SALES/MKTG/ADV (ABC) [Ln 13 * Ln 33) \$10.43	LES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$10.43			į			
37	, -/	, ,		•					
38 TOTAL COST PER MONTH (Ln 36 + Ln 33) \$336.25	TAL COST PER MONTH	(Ln 36 + Ln 33)	\$336.25						
39									

Fiber Loop	NEW BURLINGTON		F	acility Length	6.10	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$3,098.40	ENGINEER COST \$2,818.55	INSTALL COST \$10,788.77	E&I TOTAL \$13,607.32	TOTAL \$16,705.72
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 1 3.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	\$	\$3,427.08	\$2,822.31	\$11,015.69	\$13,838.00	\$17,265.08
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	<u>\$230.68</u>	\$559.36
TOTAL 2232 Accour	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$19.07	\$17.34	\$66.39	\$83.73	\$102.80
Aerial Cable Investments	2421.20	\$85.54	\$77.81	\$297.84	\$375.66	\$461.19
Underground Cable Investments	2422.20	\$5.54	\$5.04	\$19.28	\$24.32	\$29.86
Buried Cable Investments	2423.20	\$2,985.81	\$2,716.12	\$10,396.71	\$13,112.83	\$16,098.63
Conduit Investments	2441.10	<u>\$2.45</u>	\$2.23	<u>\$8.54</u>	<u>\$10.77</u>	<u>\$13.23</u>
TOTAL 24XX Accour	nt	\$3,098.40	\$2,818.55	\$10,788.77	\$13,607.32	\$16,705.72

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NORTH BALTIMORE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 0.97 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
NVESTMENT LOADINGS						-	
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR						a. bereit	
S ANNUAL EXPENSE FACTORS							
ANNUAL EXPENSE FACTORS						and the second	
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
S SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	оѕт	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT							The second secon	
16 17	EQUIPMENT INVESTMENT		\$906.05	\$328.68	\$66.02	\$296.20	\$19.11	\$187.57	\$8.46
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$464.41	\$59.87	\$43.17	\$212.84	\$13.73	\$134.79	\$0.00
19	ENGINEERING & INSTALLATI	ON .	\$3,196.87	\$230.68	\$339.19	\$1,521.69	\$98.17	\$963.65	\$43.48
20	SOFTWARE		\$0.00				ļ	!	ŀ
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,567.33	\$619.24	\$448.38	\$2,030.73	\$131.02	\$1,286.02	\$51.95
23									
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$685.34	\$127.88	\$62.36	\$289.70	\$18.52	\$180.19	\$6.68
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$162.04	\$15.91	\$16.93	\$76.41	\$4.82	\$46.29	\$1.68
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$65.26	\$38.09	\$13.56	\$7.28	\$0.78	\$5.08	\$0.48
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$73.49	\$9.96	\$7.21	\$32.68	\$2.11	\$20.69	\$0.84
30				***		1			
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$986.13	***************************************					
32				ŀ	1				ŀ
33	COST PER MONTH	(Ln 31 / 12)	\$82.18	{					
34		1		ļ			į		
35		•		ļ					
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$2.63						
37	, .		j	ĺ	Ì	İ	Ì		
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$84.81						
39		•							

Fiber Loop	NORTH BALTIMORE		F	acility Length	0.97	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$577.37	ENGINEER COST \$511.01	INSTALL COST \$2,455.18	E&I TOTAL \$2,966.19	TOTAL \$3,543.56
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	rs ·	\$906.05	\$514.77	\$2,682.11	\$3,196.87	\$4,102.92
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Accou	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$66.02	\$58.43	\$280.75	\$339.19	\$405.21
Aerial Cable Investments	2421.20	\$296.20	\$262.15	\$1,259.54	\$1,521.69	\$1,817.89
Underground Cable Investments	2422.20	\$19.11	\$16.91	\$81.26	\$98.17	\$117.28
Buried Cable Investments	2423.20	\$187.57	\$166.02	\$797.64	\$963.65	\$1,151.23
Conduit Investments	2441.10	<u>\$8.46</u>	\$ 7.49	\$35.99	<u>\$43.48</u>	<u>\$51.95</u>
TOTAL 24XX Accou	nt	\$577.37	\$511.01	\$2,455.18	\$2,966.19	\$3,543.56

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW BOSTON

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.02 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESAL PROPERTY TAX SALES, ADV, MKTG	€ 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT								
16			****				202.22	***	24440
17	•		\$990.68	\$328.68	\$110.51	\$495.77	\$32.02	\$9.51	\$14.18
18		(Ln 4* Ln 17)	\$518.23	\$59.87	\$72.25	\$356.26	\$23.01	\$6.83	\$0.00
19		ON [\$3,719.51	\$230.68	\$582.39	\$2,612.79	\$168.77	\$50.12	\$74.75
20	SOFTWARE		\$0.00				į		
21	l .	(Ln 5 * Lns 17+19)	\$0.00	40.00	4-2-4-	40 404 00	2000.00	202.47	450.04
22		(Sum Ln 17Ln 21)	\$5,228.42	\$619.24	\$765.15	\$3,464.82	\$223.80	\$66.47	\$88.94
23		_						\$	
	ANNUAL OPERATING EXPENSE	፮					į		
25			6700.00	8407.00	0.400.40	* 404.00	MO4.04	#O 04	644.40
26		(Ln 9* Ln 22)	\$780.98	\$127.88	\$106.42	\$494.29	\$31.64	\$9.31	\$11.43
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$188.67	\$15.91	\$28.89	\$130.37	\$8.24	\$2.39	\$2.87
28		(Ln 11 ° Ln 22)	\$76.06	\$38.09	\$23.14	\$12.41	\$1.33	\$0.26	\$0.82
29		(Ln 12 ° Ln 22)	\$84.13	\$9.96	\$12.31	\$55.75	\$3.60	\$1.07	\$1.43
30			#4 400 0E						
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,129.85				-	-	i
32	COST PER MONTH		\$94.15						
34		(Ln 31 / 12)	994.10						
35		·							
			62.04						
37	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$3.01						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$97.17						
	`	(En 30 + Cl 33)	431.11						
39			<u> </u>						

Fiber Loop	NEW BOSTON		F	acility Length	1.02	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$662.00	ENGINEER COST \$576.64	INSTALL COST \$2,912.18	E&! TOTAL \$3,488.82	TOTAL \$4,150.82
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	·s ·	\$990.68	\$580.40	\$3,139.11	\$3,719.51	\$4,710.19
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accou	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$110.51	\$96.26	\$486.13	\$582.39	\$692.90
Aerial Cable Investments	2421.20	\$495.77	\$431.85	\$2,180.94	\$2,612.79	\$3,108.56
Underground Cable Investments	2422.20	\$32.02	\$27.89	\$140.87	\$168.77	\$200.79
Buried Cable Investments	2423.20	\$9.51	\$8.28	\$41.84	\$50.12	\$5 9.63
Conduit Investments	2441.10	\$14.18	<u>\$12.36</u>	<u>\$62.40</u>	\$74.75	\$88.94
TOTAL 24XX Accou	nt	\$662.00	\$576.64	\$2,912.18	\$3,488.82	\$4,150.82

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NORTH EATON

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.7 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR		-0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8	ANNUAL EXPENSE FACTORS	:						
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

١	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT					ŀ			
16							1		
17	EQUIPMENT INVESTMENT		\$2,617.72	\$328.68	\$316.65	\$1,420.60	\$91.76	\$419.38	\$40.64
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,655.04	\$59.87	\$207.03	\$1,020.83	\$65.94	\$301.36	\$0.00
19	ENGINEERING & INSTALLATION	NC	\$11,161.90	\$230.68	\$1,512.17	\$6,784.03	\$438.19	\$2,002.74	\$194.09
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$15,434.65	\$619.24	\$2,035.85	\$9,225.47	\$595.88	\$2,723.48	\$234.73
23]							
- 1	ANNUAL OPERATING EXPENSE:	<u>s</u>			-			ļ	
25							ĺ		
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$2,223.16	\$127.88	\$283.16	\$1,316.10	\$84.25	\$381.59	\$30.17
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$567.44	\$15.91	\$76.88	\$347.12	\$21.93	\$98.03	\$7.57
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$149.19	\$38.09	\$61.58	\$33.05	\$3.55	\$10.75	\$2.17
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$248.36	\$9.96	\$32.76	\$148.45	\$9.59	\$43.82	\$3.78
30		. 1					***************************************		
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,188.15						
32									1
	COST PER MONTH	(Ln 31 / 12)	\$265.68						
34		•					1		
35							-		
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$8.51						
37									ì
38	TOTAL COST PER MONTH	(£n 36 + Ln 33)	\$274.18						
39									

GTE COMPANY

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	NORTH EATON		F	acility Length	3.70	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,289.03	ENGINEER COST \$2,011.75	INSTALL COST \$8,919.46	E&I TOTAL \$10,931.21	TOTAL \$13,220.25
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	ITS	\$2,617.72	\$2,015.51	\$9,146.39	\$11,161.90	\$13,779.61
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	<u>\$230.68</u>	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$316.65	\$278.30	\$1,233.87	\$1,512.17	\$1,828.82
Aerial Cable Investments	2421.20	\$1,420.60	\$1,248.52	\$5,535.52	\$6,784.03	\$8,204.63
Underground Cable Investments	2422.20	\$91.76	\$80.64	\$357.54	\$438.19	\$529.94
Buried Cable Investments	2423.20	\$419.38	\$368.58	\$1,634.16	\$2,002.74	\$2,422.12
Conduit Investments	2441.10	<u>\$40.64</u>	<u>\$35.72</u>	\$158.37	<u>\$194.09</u>	\$234 <u>.73</u>
TOTAL 24XX Acco	unt	\$2,289.03	\$2,011.75	\$8,919.46	\$10,931.21	\$13,220.25

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEVADA

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.78 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 3	NVESTMENT LOADINGS		-					
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR		ļ					
6								
7	ANNUAL EXPENSE FACTORS						and the second s	
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOL	.ESALE	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>				ļ				
16				Ì				!	
17			\$1,337.68	\$328.68	\$83.48	\$374.53	\$24.15	\$516.14	\$10.70
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$771.84	\$59.87	\$54.58	\$269.13	\$17.35	\$370.90	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$5,068.55	\$230.68	\$400.27	\$1,795.75	\$115.80	\$2,474.75	\$51.29
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$7,178.07	\$619.24	\$538.34	\$2,439.41	\$157.30	\$3,361.79	\$61.99
23		_				-			
	ANNUAL OPERATING EXPENSE	<u>s</u>						1	
25									
26		(Ln 9 * Ln 22)	\$1,052.00	\$127.88	\$74.88	\$348.01	\$22.24	\$471.03	\$7.97
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$256.82	\$15.91	\$20.33	\$91.78	\$5.79	\$121.00	\$2.00
28		(Ln 11 * Ln 22)	\$77.89	\$38.09	\$16.28	\$8.74	\$0.94	\$13.27	\$0.57
29		(Ln 12 ° Ln 22)	\$115.50	\$9.96	\$8.66	\$39.25	\$2.53	\$54.09	\$1.00
30			44 707 74						
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,502.21	,					j
32			\$405.40						
	COST PER MONTH	(Ln 31 / 12)	\$125.18				ļ		
34 35									
		# - 40.01 - 250	£4.04						
37	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$4.01						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$129.19						
39		[E1 00 - E1 00]	4162.12						
39									

Fiber Loop

1.78 Miles

Unbundled Loop Element Cost Study OHIO INVESTMENT SUMMARY

Facility Length

NEVADA

SYSTEM INVESTMENT						
ПЕМ	FCC ACCT	MATERIAL COST	ENGINEER COST	INSTALL COST	E&I TOTAL	TOTAL
12 Fiber Cable	24XX.XX	\$1,009.00	\$900.83	\$3,937.03	\$4,837.86	\$5,846.86
12 (150) Odolo	24700701	\$1,000.50	4 000.00	Φ0,007.00	ψ+,007.00	ψ0,040,00
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIRED DANIEL A A	2000 00	040404	04.00	*440.40	8445.04	4070.00
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
TOTAL all ACCOUNTS		\$1,337.68	\$904.59	\$4,163.96	\$5,068.55	\$6,406.23
TOTAL all ACCOUNTS BREAKOUT OF 2232.xx INVESTMENT		\$1,337.68 MATERIAL	\$904.59 ENGINEER	\$4,163.96 INSTALL	\$5,068.55 E&I	\$6,406.23
	FCC ACCT		·	· · ·		\$6,406.23 TOTAL
	FCC ACCT 2232.21	MATERIAL	ENGINEER	INSTALL	E&I	
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL COST	ENGINEER COST	INSTALL COST	E&I TOTAL	TOTAL
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment	2232.21	MATERIAL COST \$0.00	ENGINEER COST \$0.00	INSTALL COST \$0.00	E&I TOTAL \$0.00	TOTAL \$0.00
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment	2232.21 2232.23 2232.23	MATERIAL COST \$0.00 \$0.00	ENGINEER COST \$0.00	INSTALL COST \$0.00 \$0.00	E&I TOTAL \$0.00 \$0.00	TOTAL \$0.00 \$0.00
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment	2232.21 2232.23 2232.23	MATERIAL COST \$0.00 \$0.00	ENGINEER COST \$0.00 \$0.00 \$3.76	INSTALL COST \$0.00 \$0.00 \$226.92	E&I TOTAL \$0.00 \$0.00 \$230.68	TOTAL \$0.00 \$0.00 \$559.36
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account	2232.21 2232.23 2232.23	MATERIAL COST \$0.00 \$0.00 \$328.68 \$328.68	ENGINEER COST \$0.00 \$0.00 \$3.76 \$3.76	INSTALL COST \$0.00 \$0.00 \$226.92 \$226.92	E&I TOTAL \$0.00 \$0.00 \$230.68 \$230.68	TOTAL \$0.00 \$0.00 \$559.36
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account	2232.21 2232.23 2232.23	MATERIAL COST \$0.00 \$0.00 \$328.68 \$328.68	ENGINEER COST \$0.00 \$0.00 \$3.76 \$3.76	INSTALL COST \$0.00 \$0.00 \$226.92 \$226.92 INSTALL	E&I TOTAL \$0.00 \$0.00 \$230.68 \$230.68	\$0.00 \$0.00 \$559.36 \$559.36
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT	2232.21 2232.23 2232.23 FCC ACCT	MATERIAL COST \$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST	ENGINEER COST \$0.00 \$0.00 \$3.76 \$3.76 \$1.76 \$2.76	INSTALL COST \$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST	E&I TOTAL \$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL	\$0.00 \$0.00 \$559.36 \$559.36
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT Pole Investments	2232.21 2232.23 2232.23 FCC ACCT 2411.10	MATERIAL COST \$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST \$83.48	ENGINEER COST \$0.00 \$0.00 \$3.76 \$3.76 ENGINEER COST \$74.53	INSTALL COST \$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$325.74	E&I TOTAL \$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$400.27	\$0.00 \$0.00 \$559.36 \$559.36 TOTAL \$483.76
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT Pole Investments Aerial Cable Investments	2232.21 2232.23 2232.23 FCC ACCT 2411.10 2421.20	MATERIAL COST \$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST \$83.48 \$374.53	ENGINEER COST \$0.00 \$0.00 \$3.76 \$3.76 ENGINEER COST \$74.53 \$334.38	INSTALL COST \$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$325.74 \$1,461.37	E&I TOTAL \$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$400.27 \$1,795.75	TOTAL \$0.00 \$0.00 \$559.36 \$559.36 TOTAL \$483.76 \$2,170.28
BREAKOUT OF 2232.xx INVESTMENT TOTAL Circuit Equipment TOTAL Fiber Terminal Equipment TOTAL Fiber Terminating Equipment TOTAL 2232 Account BREAKOUT OF 24xx.xx INVESTMENT Pole Investments Aerial Cable Investments Underground Cable Investments	2232.21 2232.23 2232.23 FCC ACCT 2411.10 2421.20 2422.20	MATERIAL COST \$0.00 \$0.00 \$328.68 \$328.68 MATERIAL COST \$83.48 \$374.53 \$24.15	ENGINEER COST \$0.00 \$0.00 \$3.76 \$3.76 \$3.76 ENGINEER COST \$74.53 \$334.38 \$21.56	INSTALL COST \$0.00 \$0.00 \$226.92 \$226.92 INSTALL COST \$325.74 \$1,461.37 \$94.24	E&I TOTAL \$0.00 \$0.00 \$230.68 \$230.68 E&I TOTAL \$400.27 \$1,795.75 \$115.80	TOTAL \$0.00 \$0.00 \$559.36 \$559.36 TOTAL \$483.76 \$2,170.28 \$139.95

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEY

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.94 Miles

INV	/ESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7 AN	/ESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR NUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT W PROPERTY TAX SALES, ADV, MKTG	/HOLESALE 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT		:	and a control of the			1	ne ey en accessant den de	
17			\$3,268.47	\$328.68	\$335.83	\$1,506.62	\$97.06	\$957.29	\$42.99
18	MATERIAL LOADINGS	(Ln 4 * i,n 17)	\$2,119.74	\$59.87	\$219.57	\$1,082.65	\$69.75	\$687.90	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$13,965.78	\$230.68	\$1,569.03	\$7,039.13	\$453.48	\$4,472.59	\$200.86
20	SOFTWARE		\$0.00				,		
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$19,353.99	\$619.24	\$2,124.42	\$9,628.39	\$620.29	\$6,117.79	\$243.86
23									i
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$2,773.17	\$127.88	\$295.48	\$1,373.58	\$87.70	\$857.18	\$31.35
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$709.31	\$15.91	\$80.22	\$362.28	\$22.83	\$220.20	\$7.87
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$166.95	\$38.09	\$64.26	\$34.50	\$3.70	\$24.16	\$2.26
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$311.42	\$9.96	\$34.18	\$154.93	\$9.98	\$98.44	\$3.92
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,960.85						
32				1					
33	COST PER MONTH	(Ln 31 / 12)	\$330.07						
34		·							
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$10.57						
37							ļ		
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$340.64						
39									

Fiber Loop	NEY			acility Length	4.94	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX,XX	MATERIAL COST \$2,939.79	ENGINEER COST \$2,602.00	INSTALL COST \$11,133.09	E&I TOTAL \$13,735.09	TOTAL \$16,674.88
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TOTAL all ACCOUNTS		\$2,605.76	\$11,360.02	\$13,965.78	\$17,234.25
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226. <u>92</u>	\$23 <u>0.68</u>	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$335.83	\$297.24	\$1,271.79	\$1,569.03	\$1,904.86
Aerial Cable Investments	2421.20	\$1,506.62	\$1,333.50	\$5,705.62	\$7,039.13	\$8,545.75
Underground Cable Investments	2422.20	\$97.06	\$85.91	\$367.57	\$453.48	\$550.54
Buried Cable Investments	2423.20	\$957.29	\$847.30	\$3,625.30	\$4,472.59	\$5,429.88
Conduit Investments	2441.10	\$42.99	\$38.0 <u>5</u>	<u>\$162.81</u>	\$200.86	<u>\$243.86</u>
TOTAL 24XX Acco	ount	\$2,939.79	\$2,602.00	\$11,133.09	\$13,735.09	\$16,674.88

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NORTH FAIRFIELD

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.87 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 <u>INVESTMENT LOADINGS</u> 3							
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR							
6							
7 ANNUAL EXPENSE FACTORS							
8	ĺ					Virginia	
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX]	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT								
16		j	24 200 00	4000.00	04004	*	040.00	# 700.00	A2 20
17			\$1,333.89	\$328.68	\$46.91	\$210.45	\$13.62	\$728.20	\$6.03
18		(Ln 4 * Ln 17)	\$774.84	\$59.87	\$30.67	\$151.23	\$9.79	\$523.28	\$0.00
19		ON	\$4,949.59	\$230.68	\$220.22	\$987.95	\$63.93	\$3,418.50	\$28.32
20			\$0.00						
21	1	(Ln 5 * Lns 17+19)	\$0.00		222-22				
22		(Sum Ln 17Ln 21)	\$7,058.32	\$619.24	\$297.80	\$1,349.63	\$87.33	\$4,669.98	\$34.35
23		_							
	ANNUAL OPERATING EXPENSE	<u>s</u>	}				1		
25									
26	1	(Ln 9 ° Ln 22)	\$1,032.92	\$127.88	\$41.42	\$192.54	\$12.35	\$654.32	\$4.42
27		(Ln 10 ° Ln 22)	\$250.35	\$15.91	\$11.25	\$50.78	\$3.21	\$168.09	\$1.11
28		(Ln 11 ° Ln 22)	\$71.21	\$38.09	\$9.01	\$4.84	\$0.52	\$18.44	\$0.32
29	1	(Ln 12 * Ln 22)	\$113.58	\$9.96	\$4.79	\$21.72	\$1.41	\$75.14	\$0.55
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,468.05					1	
32			}						
33	COST PER MONTH	(Ln 31 / 12)	\$122.34						
34					1				
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$3.92						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$126.25						
39		1						İ	
		(Ln 36 + Ln 33)	\$120.25					1	

GTE COMPANY

Fiber Loop	NORTH FAIRFIELD		F	acility Length	1.87	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,005.21	ENGINEER COST \$905.75	INSTALE COST \$3,813.16	E&I TOTAL \$4,718.91	TOTAL \$5,724.12
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	TOTAL all ACCOUNTS		\$909.51	\$4,040.08	\$4,949.59	\$6,283.48
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$46.9 1	\$42.27	\$177.95	\$220.22	\$267.13
Aerial Cable Investments	2421.20	\$210.45	\$189.63	\$798.33	\$987.95	\$1,198.40
Underground Cable Investments	2422.20	\$13.62	\$12.27	\$51.66	\$63.93	\$77.54
Buried Cable Investments	2423.20	\$728.2 0	\$656.15	\$2,762.35	\$3,418.50	\$4,146.70
Conduit Investments	2441.10	\$6.03	\$ 5.43	\$22.88	<u>\$28.32</u>	\$34.35
TOTAL 24XX Acco	ount	\$1,005.21	\$905.75	\$3,813.16	\$4,718.91	\$5,724.12

GTE

OHIO

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NORTH GEORGETOWN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.62 Miles

	INVESTMENT / COST FACTORS			Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT PROPERTY TAX SALES, ADV, MKTG	WHOLESALE	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.00358	0.03681	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY COST		TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14								1	
	INVESTMENT				ļ			· ·	
16									
17			\$2,837.39	\$328.68	\$134.64	\$604.03	\$39.12	\$1,713.59	\$17.33
18		(Ln 4 * Ln 17)	\$1,841.44	\$59.87	\$88.03	\$434.05	\$28.11	\$1,231.37	\$0.00
19		ON	\$11,592.48	\$230.68	\$609.77	\$2,735.63	\$1 77.18	\$7,760.73	\$78.48
20			\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$16,271.32	\$619.24	\$832.44	\$3,773.72	\$244.42	\$10,705.70	\$95.81
23		_			ļ				
	ANNUAL OPERATING EXPENSE	<u>'S</u>	1					1	
25									
26		(Ln 9 * Ln 22)	\$2,328.89	\$127.88	\$115.78	\$538.36	\$34.56	\$1,500.00	\$12.32
27		(Ln 10 ° Ln 22)	\$586.76	\$15.91	\$31.43	\$141.99	\$9.00	\$385.34	\$3.09
28	4	(Ln 11 * Ln 22)	\$121.40	\$38.09	\$25.18	\$13.52	\$1.46	\$42.27	\$0.89
29		(Ln 12 ° Ln 22)	\$261.82	\$9.96	\$13.39	\$60.72	\$3.93	\$172.27	\$1.54
30	i								
	TOTAL ANNUAL COST	(\$um La 26La 29)	\$3,298.87					ļ	
32			4						
	COST PER MONTH	(Ln 31 / 12)	\$274.91					1	
34				1			-		
35							-		
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$8.80						
37			4444						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$283.71						
39									

Fiber Loop	NORTH GEORGETOWN		F	Facility Length	4.62	Miles
SYSTEM INVESTMENT	FCC ACCT	MATERIAL COST	ENGINEER COST	INSTALL COST	E&i TOTAL	TOTAL
12 Fiber Cable	24XX.XX	\$2,508.71	\$2,256.57	\$9,105.23	\$11,361.80	\$13,870.51
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$2,837.39	\$2,260.33	\$9,332.15	\$11,592.48	\$14,429.87
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$134.64	\$121.11	\$488.67	\$609.77	\$744.41
Aerial Cable Investments	2421.20	\$604.03	\$543.32	\$2,192.30	\$2,735.63	\$3,339.66
Underground Cable Investments	2422.20	\$39.12	\$35.19	\$141.99	\$177.18	\$216.30
Buried Cable Investments	2423.20	\$1,713.59	\$1,541.36	\$6,219.37	\$7,760.73	\$9,474.32
Conduit Investments	2441.10	\$17.33	\$15.59	\$62.8 <u>9</u>	<u>\$78.48</u>	<u>\$95.81</u>
TOTAL 24XX Acco	unt	\$2,508.71	\$2,256.57	\$9,105.23	\$11,361.80	\$13,870.51

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NORWALK

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.02 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		- 0.1 8216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT						j		
16				****	0.400.00				242.00
17			\$1,525.29	\$328.68	\$133.22	\$597.67	\$38.51	\$410.16	\$17.06
18	= =	(Ln 4 * Ln 17)	\$898.86	\$59.87	\$87.10	\$429.48	\$27.67	\$294.74	\$0.00
19		ON	\$6,008.92	\$230.68	\$643.30	\$2,886.03	\$185.93	\$1,980.61	\$82.36
20			\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17. Ln 21)	\$8,433.08	\$619.24	\$863.62	\$3,913.18	\$252.11	\$2,685.51	\$99.41
23			1					AW	
	ANNUAL OPERATING EXPENSE	<u>s</u>						i	
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,230.95	\$127.88	\$120.12	\$558.25	\$35.64	\$376.27	\$12.78
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$304.91	\$15.91	\$32.61	\$147.24	\$9.28	\$96.66	\$3,21
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$91.25	\$38.09	\$26.12	\$14.02	\$1.50	\$10.60	\$0.92
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$135.70	\$9.96	\$13.90	\$62.97	\$4.06	\$43.21	\$1.60
30		.					e e e e e e e e e e e e e e e e e e e	1	
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,762.81				none and a second	and the state of t	
32								1	
33	COST PER MONTH	(Ln 31 / 12)	\$146.90					T-Paris -	
34								1	
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$4.70			[
37	, ,								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$151.60						
39		Ì							
				1					

Fiber Loop

Unbundled Loop Element Cost Study OHIO INVESTMENT SUMMARY

Facility Length

2.02 Miles

NORWALK

Tiber Loop	NORWALK		Г	acinty Length	2.02	miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,196.61	ENGINEER COST \$1,059.99	INSTALL COST \$4,718.24	E&I TOTAL \$5,778.24	TOTAL \$6,974.85
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
TOTAL ali ACCOUNT	s -	\$1,525.29	\$1,063.75	\$4,945.17	\$6,008.92	\$7,534.21
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0 .00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	<u>\$226.92</u>	<u>\$230,68</u>	<u>\$559.36</u>
TOTAL 2232 Accour	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$133.22	\$118.01	\$525.29	\$643.30	\$776.52
Aerial Cable Investments	2421.20	\$597.67	\$529.43	\$2,356.60	\$2,886.03	\$3,483.70
Underground Cable Investments	2422.20	\$38.51	\$34.11	\$151.83	\$185.93	\$224.44
Buried Cable Investments	2423.20	\$410.16	\$363.33	\$1,617.28	\$1,980.61	\$2,390.77
Conduit Investments	2441.10	<u>\$17.06</u>	\$15.11	<u>\$67.25</u>	\$82.36	<u>\$99.41</u>
TOTAL 24XX Accoun	nt	\$1,196.61	\$1,059.99	\$4,718.24	\$5,778.24	\$6,974.85

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NORTH STAR

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.8 Miles

Γ.			Cable Term	5.4	Aerial Cable	Ungnd Cable	Buried Cable	
l l	NVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
<u>.</u> -			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
2 1	NVESTMENT LOADINGS		4444					
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
-1	ANNUAL EXPENSE FACTORS							
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT								
16									
17	EQUIPMENT INVESTMENT		\$1,913.19	\$328.68	\$129.33	\$580.19	\$37.40	\$821.02	\$16.57
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,178.21	\$59.87	\$84.55	\$416.92	\$26.88	\$589.98	\$0.00
19	ENGINEERING & INSTALLATION	NC	\$7,639.99	\$230.68	\$604.74	\$2,713.04	\$174.90	\$3,839.15	\$77.47
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			****			
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$10,731.39	\$619.24	\$818.62	\$3,710.16	\$239.19	\$5,250.15	\$94.04
23					a de la companya de l				
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,552.55	\$127.88	\$113.86	\$529.29	\$33.82	\$735.61	\$12.09
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$387.23	\$15.91	\$30.91	\$139.60	\$8.80	\$188.97	\$3.03
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$99.17	\$38.09	\$24.76	\$13.29	\$1.43	\$20.73	\$0.87
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$172.68	\$9.96	\$13.17	\$59.70	\$3.85	\$84.48	\$1.51
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,211.62						1
32			****						
	COST PER MONTH	(Ln 31 / 12)	\$184.30						
34									
35	IOAL COMMITO (ADV. (ADO)		er 00						
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.90						
37 วค	TOTAL COST PER MONTH	(i.n 36 + i.n 33)	\$190.20						
		(CII 30 + LII 33)	#130.20						
39						_			

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	NORTH STAR		F	acility Length	2.80	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,584.51	ENGINEER COST \$1,415.07	INSTALL COST \$5,994.24	E&I TOTAL \$7,409.31	TOTAL \$8,993.82
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$1,913.19	\$1,418.82	\$6,221.17	\$7,639.99	\$9,553.18
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL.	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$ 3.76	\$226.92	\$230.68	\$559. <u>36</u>
TOTAL 2232 Acco	unt	\$328.68	\$ 3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$129.33	\$115.50	\$489.24	\$604.74	\$734.06
Aerial Cable Investments	2421.20	\$580.19	\$518.15	\$2,194.89	\$2,713.04	\$3,293.23
Underground Cable Investments	2422.20	\$37.40	\$33.40	\$141.50	\$174.90	\$212.31
Buried Cable Investments	2423.20	\$821.02	\$733.22	\$3,105.93	\$3,839.15	\$4,660.17
Conduit Investments	2441.10	\$ 16.57	<u>\$14.80</u>	\$62.68	<u>\$77.47</u>	<u>\$94.04</u>
TOTAL 24XX Acco	ount	\$1,584 .51	\$1,415.07	\$5,994.24	\$7,409.31	\$8,993.82

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW BREMEN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 0.88 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 <u>INVESTMENT LOADINGS</u> 3							
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR						1 m	
6							
7 ANNUAL EXPENSE FACTORS							
8							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT wholesale		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>								1
16									
17	EQUIPMENT INVESTMENT		\$877.44	\$328.68	\$78.57	\$352.49	\$22.73	\$84.89	\$10.07
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$441.88	\$59.87	\$51.37	\$253.30	\$16.33	\$61.00	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$3,242.39	\$230.68	\$431.22	\$1,934.58	\$124.75	\$465.91	\$55.25
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,561.71	\$619.24	\$561.16	\$2,540.38	\$163.81	\$611.80	\$65.32
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$685.62	\$127.88	\$78.05	\$362.41	\$23.16	\$85.72	\$8.40
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$162.84	\$15.91	\$21.19	\$95.58	\$6.03	\$22.02	\$2.11
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$68.16	\$38.09	\$16.97	\$9.10	\$0.98	\$2.42	\$0.60
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$73.40	\$9.96	\$9.03	\$40.88	\$2.64	\$9.84	\$1.05
30									1
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$990.02						i
32		Į		Į					l
33	COST PER MONTH	(Ln 31 / 12)	\$82.50						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$2.64						Į
37									1
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$85.14						
39									

Fiber Loop	NEW BREMEN		F	acility Length	0.88	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$548.75	ENGINEER COST \$481.57	INSTALL COST \$2,530.13	E&I TOTAL \$3,011.71	TOTAL \$3,560.46
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$877.44	\$485.33	\$2,757.06	\$3,242.39	\$4,119.83
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232,21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232,23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	\$ 559.36
TOTAL 2232 Accoun	t	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$78.57	\$68.95	\$362.27	\$431.22	\$509.79
Aerial Cable Investments	2421.20	\$352.49	\$309.34	\$1,625.24	\$1,934.58	\$2,287.08
Underground Cable Investments	2422.20	\$22.73	\$19.95	\$104.80	\$124.75	\$147.48
Buried Cable Investments	2423,20	\$84.89	\$74.50	\$391.41	\$465.91	\$550.80
Conduit Investments	2441.10	\$10.07	\$8.84	\$46.42	<u>\$55.25</u>	<u>\$65.32</u>
TOTAL 24XX Accoun	t	\$548.75	\$481.57	\$2,530.13	\$3,011.71	\$3,560.46

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW CONCORD

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.98 Miles

ſ	-		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
I.	INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
Ĺ			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
2	NVESTMENT LOADINGS							
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
6	·	j j						
7	ANNUAL EXPENSE FACTORS							-
В								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX]	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE	1 1	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX	1	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421,20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>								
16									
17	EQUIPMENT INVESTMENT		\$1,539.63	\$328.68	\$159.00	\$713.33	\$46.01	\$272.23	\$20.38
18		(Ln 4 * Ln 17)	\$905.11	\$59.87	\$103.96	\$512.59	\$33.06	\$195.62	\$0.00
19		ON	\$6,148.82	\$230.68	\$777.07	\$3,486.18	\$224.85	\$1,330.45	\$99.59
20	SOFTWARE		\$0.00					-	
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$8,593.56	\$619.24	\$1,040.03	\$4,712.10	\$303.92	\$1,798.30	\$119.97
23		1		}					ì
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25		ļ							
26		(Ln 9 ° Ln 22)	\$1,255.12	\$127.88	\$144.65	\$672.23	\$42.97	\$251.96	\$15.42
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$312.27	\$15.91	\$39.27	\$177.30	\$11.19	\$64.73	\$3.87
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$96.45	\$38.09	\$31.46	\$16.88	\$1.81	\$7.10	\$1.11
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$138.28	\$ 9.9 6	\$16.74	\$75.82	\$4.89	\$28.94	\$1.93
30									,
- 1	TOTAL ANNUAL COST	(Sum Ln 26. Ln 29)	\$1,802.11						
32									
	COST PER MONTH	(Ln 31 / 12)	\$150.18						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$4.81						
37									
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$154.98						
39									

Fiber Loop	NEW CONCORD		F	Facility Length	1.98	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,210.95	ENGINEER COST \$1,066.50	INSTALL COST \$4,851.64	E&I TOTAL \$5,918.14	TOTAL \$7,129.09
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	rs .	\$1,539.63	\$1,070.26	\$5,078.56	\$6,148.82	\$7,688.46
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&(
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$ 3.76	<u>\$226.92</u>	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accou	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx,xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$159.00	\$140.04	\$637.04	\$777.07	\$936.07
Aerial Cable Investments	2421.20	\$713.33	\$628.24	\$2,857.94	\$3,486.18	\$ 4,199.51
Underground Cable Investments	2422.20	\$46.01	\$40.52	\$184.33	\$224.85	\$270.86
Buried Cable Investments	2423.20	\$272.23	\$239.76	\$1,090.69	\$1,330.45	\$1,602.68
Conduit Investments	2441.10	\$20.38	\$17.95	<u>\$81.65</u>	<u>\$99.59</u>	<u>\$119.97</u>
TOTAL 24XX Accou	nt	\$1,210.95	\$1,066.50	\$4,851.64	\$5,918.14	\$7,129.09

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW LEBANON

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.28 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
7 <u>ANNUAL EXPENSE FACTORS</u> 8							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03228
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15 16	<u>INVESTMENT</u>								
17	EQUIPMENT INVESTMENT		\$1,132.91	\$328.68	\$118.81	\$533.00	\$34.38	\$102.81	\$15.23
18		(Ln 4 * Ln 17)	\$619.15	\$59.87	\$77.68	\$383.00	\$24.71	\$73.88	\$0.00
19	ENGINEERING & INSTALLATI	` '	\$4,320.74	\$230.68	\$604.22	\$2,710.69	\$174.85	\$522.85	\$77.45
20	SOFTWARE		\$0.00	ψ200.00	V 004.22	Ψ2,7 10.00	\$114.00	Ψ02E.00	Ψίτισο
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						}
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$6,072.80	\$619.24	\$800.70	\$3,626.71	\$233.94	\$699.53	\$92.68
23		(,	, , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*			,	
24	ANNUAL OPERATING EXPENSE	<u>s</u>							j
25							•		
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$899.64	\$127.88	\$111.37	\$517.39	\$33.08	\$98.01	\$11.91
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$219.38	\$15.91	\$30.24	\$136.46	\$8.61	\$25.18	\$2.99
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$80.31	\$38.09	\$24.22	\$12.99	\$1.39	\$2.76	\$0.86
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$97.72	\$9.96	\$12.88	\$58.36	\$3.76	\$11.26	\$1.49
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,297.05						
32									
	COST PER MONTH	(Ln 31 / 12)	\$108.09						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$3.46						
37	TOTAL COST DED MONTH		P444 PE						
	TOTAL COST PER MONTH	(En 36 + En 33)	\$111.55						
39									

Fiber Loop	NEW LEBANON		F	acility Length	1.28	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$804.23	ENGINEER COST \$704.79	INSTALL COST \$3,385.27	E&I TOTAL \$4,090.06	TOTAL \$4,894.28
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 13.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	NTS	\$1,132.91	\$708.55	\$3,612.19	\$4,320.74	\$5,453.65
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$118.81	\$104.12	\$500.10	\$604.22	\$723.02
Aerial Cable Investments	2421.20	\$533.00	\$467.10	\$2,243.59	\$2,710.69	\$3,243.70
Underground Cable Investments	2422.20	\$34.38	\$30.13	\$144.72	\$174.85	\$209.23
Buried Cable Investments	2423.20	\$102.81	\$90.10	\$432.75	\$522.85	\$625.65
Conduit Investments	2441.10	\$15.23	\$13 .35	<u>\$64.10</u>	<u>\$77.45</u>	<u>\$92.68</u>
TOTAL 24XX Acco	unt	\$804.23	\$704.79	\$3,385.27	\$4,090.06	\$4,894.28

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

NEW LONDON

VS + VIS

Facility Length 1.92 Miles

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		- 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>						, ,		
16									
17			\$1,393.28	\$328.68	\$72.35	\$324.58	\$20.94	\$637.46	\$9.27
18		(Ln 4 * Ln 17)	\$813.53	\$59.87	\$47.30	\$233.24	\$15.05	\$458.07	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$5,272.56	\$230.68	\$342.64	\$1,537.18	\$99.16	\$3,018.97	\$43.92
20	SOFTWARE		\$0.00		į	-			
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00		ĺ	1		1	
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$7,479.36	\$619.24	\$462.29	\$2,095.00	\$135.14	\$4,114.50	\$53.19
23]	ĺ	į	
24	ANNUAL OPERATING EXPENSE	<u>s</u>				1			
25				į				accept ()	
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,093.49	\$127.88	\$64.30	\$298.87	\$19.11	\$576.49	\$6.84
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$266.98	\$15.91	\$17.46	\$78.83	\$4.97	\$148.10	\$1.72
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$77.12	\$38.09	\$13.98	\$7.51	\$0.81	\$16.25	\$0.49
29		(Ln 12 * Ln 22)	\$120.35	\$9.96	\$7.44	\$33.71	\$2.17	\$66.21	\$0.86
30		,,	•	,	. 1	• -	•-		
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,557.94		1				
32		(02111 211 241121 24)	4 1,001 10 1	Ì					
	COST PER MONTH	(Ln 31 / 12)	\$129.83	ŀ					
34	· · - · · · · · · · · · · · · · ·	(2/10/1/2)	V.20.00	-					
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$4.16						
37	, ,	(En la En sa)	ψτ.10						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$133.98						
		(CH OO T CH SO)	4140.00			1			
39		•	l				}		

Fiber Loop	NEW LONDON		F	acility Length	1.92	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,064.59	ENGINEER COST \$954.14	INSTALL COST \$4,087.73	E&I FOTAL \$5,041.87	TOTAL \$6,106.47
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$ 115.34	\$279.68
FIBER PANEL C.O.	2232,23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	rs <u> </u>	\$1,393.28	\$957.90	\$4,314.66	\$5,272.56	\$6,665.83
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	\$ 559.36
TOTAL 2232 Accou	int	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$72.35	\$64.84	\$277.80	\$342.64	\$414.99
Aerial Cable Investments	2421.20	\$324.58	\$290.90	\$1,246.28	\$1,537.18	\$1,861.76
Underground Cable investments	2422.20	\$20.94	\$18.77	\$80.39	\$99.16	\$120.10
Buried Cable Investments	2423.20	\$637.46	\$571.32	\$2,447.65	\$3,018.97	\$3,656.43
Conduit Investments	2441.10	\$9.27	<u>\$8.31</u>	\$35.61	\$43.92	<u>\$53.19</u>
TOTAL 24XX Accou	ınt	\$1,064.59	\$954.14	\$4,087.73	\$5,041.87	\$ 6,106.47

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW MARSHFIELD

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.71 Miles

	INVESTMENT (COST FACTORS		Cable Term	Dalas	Aerial Cable	Ungnd Cable	Buried Cable	Conduit
- 1	INVESTMENT / COST FACTORS	1	Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
ļ			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1		İ						
2	NVESTMENT LOADINGS]						
3								
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
6								
7	ANNUAL EXPENSE FACTORS							
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX	ļ .	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202	•					

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>				-				
17			\$1,829.74	\$328.68	\$100.92	\$452.77	\$29.27	\$905.13	\$12.96
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$1,122.67	\$59.87	\$65.98	\$325.36	\$21.03	\$650.42	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$7,207.52	\$230.68	\$469.09	\$2,104.46	\$136.04	\$4,206.99	\$60.26
20			\$0.00	,		. ,			•
21		(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$10,159.92	\$619.24	\$635.99	\$2,882.59	\$186.34	\$5,762.53	\$73.22
23		ļ						i	
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,470.73	\$127.88	\$88.46	\$411.23	\$26.35	\$807.40	\$9.41
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$365.02	\$15.91	\$24.02	\$108.46	\$6.86	\$207.41	\$2.36
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$92.19	\$38.09	\$19.24	\$10.33	\$1.11	\$22.75	\$0.68
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$163.48	\$9.96	\$10.23	\$46.38	\$3.00	\$92.72	\$1.18
30	[i							
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,091.43		Ì				
32									
33	COST PER MONTH	(Ln 31 / 12)	\$174.29						
34		·							
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$5.58						
37									
38	TOTAL COST PER MONTH	(L n 36 + Ln 33)	\$179.87						
39									_
									-

Fiber Loop	NEW MARSHFIELD		F	acility Length	2.71	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX,XX	MATERIAL COST \$1,501.05	ENGINEER COST \$1,345.57	INSTALL COST \$5,631.27	E&I TOTAL \$6,976.84	TOTAL \$8,477.89
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	NTS :	\$1,829.74	\$1,349.33	\$5,858.19	\$7,207.52	\$9,037.26
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$100.92	\$90.47	\$378.62	\$469.09	\$570.01
Aerial Cable Investments	2421.20	\$452.77	\$405.87	\$1,698.59	\$2,104.46	\$2,557.23
Underground Cable Investments	2422.20	\$29.27	\$26.24	\$109.80	\$136.04	\$165.31
Buried Cable Investments	2423.20	\$905.13	\$811.37	\$3,395.62	\$4,206.99	\$5,112.12
Conduit Investments	2441.10	\$12.96	\$11.62	\$48.64	\$60.26	<u>\$73.22</u>
TOTAL 24XX Acco	ount	\$1,501.05	\$1,345.57	\$5,631.27	\$6,976.84	\$8,477.89

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW PHILADELPHIA-GTD5

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.43 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLE PROPERTY TAX SALES, ADV, MKTG	SALE 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

2232.23 2411.10	TOTAL 2	ULATION OF MONTHLY COST	2411.10	2421.20 2422.20	2423.20 2441.00
		TMENT			
			Į		
\$328.68 \$300.04	\$2,459.34	UIPMENT INVESTMENT	\$300.04	\$1,346.06 \$86.92	\$359.14 \$38.50
\$59.87 \$196.17	\$1,543.85	TERIAL LOADINGS (Ln 4 * Ln 17)	\$196.17	\$967.27 \$62.46	\$258.08 \$0.00
\$230.68 \$1,438.45	\$10,445.51	GINEERING & INSTALLATION	\$1,438.45	\$6,453.31 \$416.70	\$1,721.80 \$184.57
	\$0.00	FTWARE	1		
	\$0.00	ESTMENT FACTOR (Ln 5+ Lns 17+19)			
\$619.24 \$1,934.66	\$14,448.70	TAL INVESTMENT (Sum Ln 17 Ln 21)	\$1,934.66	\$8,766.64 \$566.08	\$2,339.02 \$223.07
			1		
		AL OPERATING EXPENSES	i		
	- 1				
\$127.88 \$269.08	\$2,084.05	PITAL RECOVERY (Ln 9 * Ln 22)	\$269.08	\$1,250.65 \$80.04	\$327.72 \$28.67
\$15.91 \$73.06	\$531.04	MPOSITE INCOME TAX (Ln 10 ° Ln 22)	\$73.06	\$329.85 \$20.84	\$84.19 \$7.20
\$38.09 \$58.52	\$142.69	INTENANCE & SUPPORT (Ln 11 ° Ln 22)	\$58.52	\$31.41 \$3.38	\$9.24 \$2.06
\$9.96 \$31.13	\$232.49	OPERTY TAX (Ln 12 * Ln 22)	\$31.13	\$141.06 \$9.11	\$37.64 \$3.59
	\$2,990.27	ANNUAL COST (Sum Lin 26Ln 29)			
	\$249.19	PER MONTH (Ln 31 / 12)			
	İ				
-	1				
1	\$7.98	S/MKTG/ADV (ABC) (Ln 13 * Ln 33)			
	\$257.17	COST PER MONTH (Ln 36 + Ln 33)			
					Washing Ass
	\$7.98 \$257.17	S/MKTG/ADV (ABC) (Ln 13 * Ln 33)			

Fiber Loop	NEW PHILADELPHIA-GTD5		F	acility Length	3.43	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,130.66	ENGINEER COST \$1,871.15	INSTALL COST \$8,343.68	E&I TOTAL \$10,214.83	TOTAL \$12,345.49
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL ail ACCOU	NTS	\$2,459.34	\$1,874.91	\$8,570.60	\$10,445.51	\$12,904.85
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	<u>\$230.68</u>	\$559.36
TOTAL 2232 Acco	ount	\$328.68	\$3 .76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$300.04	\$263.50	\$1,174.95	\$1,438.45	\$1,738.49
Aerial Cable Investments	2421.20	\$1,346.06	\$1,182.12	\$5,271.19	\$6,453.31	\$7,799.37
Underground Cable Investments	2422.20	\$86.92	\$76.33	\$340.37	\$416.70	\$503.62
Buried Cable Investments	2423.20	\$359.14	\$315.40	\$1,406.40	\$1,721.80	\$2,080.94
Conduit Investments	2441.10	\$38.50	<u>\$33.81</u>	\$150.76	\$184.57	<u>\$223.07</u>
TOTAL 24XX Acco	ount	\$2,130.66	\$1,871.15	\$8,343.68	\$10,214.83	\$12,345.49

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW PHILADELPHIA-5ESS

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.19 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLE PROPERTY TAX SALES, ADV, MKTG	esale 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14					-				
	INVESTMENT								
16									
17			\$2,931.44	\$328.68	\$366.52	\$1,644.31	\$106.18	\$438.72	\$47.03
18		(Ln 4 * Ln 17)	\$1,872.66	\$59.87	\$239.64	\$1,181.59	\$76.30	\$315.26	\$0.00
19		ON	\$12,632.21	\$230.68	\$1,746.38	\$7,834.77	\$505.91	\$2,090.39	\$224.09
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			712 222 22	4004	40.044.00	207/11
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$17,436.30	\$619.24	\$2,352.53	\$10,660.68	\$688.38	\$2,844.36	\$271.11
23		_							
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25 20			60 500 C4	6407.00	#207 2 4	P4 500 D5	607.00	6200 52	#24.0c
26		(Ln 9 ° Ln 22)	\$2,506.64	\$127.88	\$327.21	\$1,520.85	\$97.33	\$398.53	\$34.85
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$642.33	\$15.91	\$88.84	\$401.12	\$25.34	\$102.38	\$8.75
28 29	MAINTENANCE & SUPPORT PROPERTY TAX	(Ln 11 * Ln 22)	\$165.28	\$38.09	\$71.16	\$38.20 \$171.54	\$4.10	\$11.23 \$45.77	\$2.51 \$ 4.36
30		(Ln 12 ° Ln 22)	\$280.57	\$9.96	\$37.85	\$1/1.54	\$11.08	343.11	\$4.30
	TOTAL ANNUAL COST	(0 (_ 00) _ 00	\$3,594.82						
32	TOTAL ANNOAL COST	(Sum Ln 26Ln 29)	ψ3,354.0Z						
	COST PER MONTH	(Ln 31 / 12)	\$299.57						
34		(CII 317 iz)	420.07						
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$9.59						
37	, ,	fen io en ool	Ψ0.00						
1	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$309.16						
39			, , , , ,						
55									

GTE COMPANY

Fiber Loop NEW PHILADELPHIA-5ESS		r	acility Length	4.19	Miles
SYSTEM INVESTMENT ITEM FCC ACCT 12 Fiber Cable 24XX.XX	MATERIAL COST \$2,602.75	ENGINEER COST \$2,285.75	INSTALL COST \$10,115.77	E&I TOTAL \$12,401.53	TOTAL \$15,004.28
FIBER PANEL CDL 2232.23	\$ 164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O. 2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	NTS	\$2,931.44	\$2,289.51	\$10,342.70	\$12,632.21	\$15,563.65
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$366.52	\$321.88	\$1,424.50	\$1,746.38	\$2,112.90
Aerial Cable Investments	2421.20	\$1,644.31	\$1,444.04	\$6,390.73	\$7,834.77	\$9,479.08
Underground Cable Investments	2422.20	\$106.18	\$93.24	\$412.66	\$505.91	\$612.08
Buried Cable Investments	2423.20	\$438.72	\$385.28	\$1,705.10	\$2,090.39	\$2,529.10
Conduit Investments	2441.10	\$47.03	\$41.30	\$182.78	\$224.09	<u>\$271.11</u>
TOTAL 24XX Acco	ount	\$2,602.75	\$2,285.75	\$10,115.77	\$12,401.53	\$15,004.28

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW WASHINGTON

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 0.73 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232,23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHO PROPERTY TAX	nesale 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>								
17	EQUIPMENT INVESTMENT		\$729.41	\$328.68	\$24.50	\$109.91	\$7.09	\$256.09	\$3.14
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$343.99	\$59.87	\$16.02	\$78.98	\$5.09	\$184.02	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$2,315.74	\$230.68	\$127.48	\$571.89	\$36.88	\$1,332.47	\$16.34
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$3,389.14	\$619.24	\$167.99	\$760.78	\$49.07	\$1,772.58	\$19.48
23		}	1						
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$517.58	\$127.88	\$23.37	\$108.53	\$6.94	\$248.36	\$2.50
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$117.12	\$15.91	\$6.34	\$28.63	\$1.81	\$63.80	\$0.63
28		(Ln 11 * Ln 22)	\$53.36	\$38.09	\$5.08	\$2.73	\$0.29	\$7.00	\$0.18
29		(Ln 12 ° Ln 22)	\$54.53	\$9.96	\$2.70	\$12.24	\$0.79	\$28.52	\$0.31
30		1							
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$742.60			ļ	ļ		
32			Ì						
	COST PER MONTH	(Ln 31 / 12)	\$61.88				Į.		
34		Į	Į						
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$1.98						
37	1	Į				Ì			
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$63.86						
39									

Fiber Loop	NEW WASHINGTON		F	acility Length	0.73	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$400.72	ENGINEER COST \$359.77	INSTALL COST \$1,725.29	E&I TOTAL \$2,085.06	TOTAL \$2,485.78
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS -	\$729.41	\$363.53	\$1,952.21	\$2,315.74	\$3,045.15
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	\$559.36
TOTAL 2232 Accou	ınt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$24.50	\$22.00	\$105.48	\$127.48	\$1 51.97
Aerial Cable Investments	2421.20	\$109.91	\$98.68	\$473.21	\$571.89	\$681.80
Underground Cable Investments	2422.20	\$7.09	\$6.36	\$30.52	\$36.88	\$43.97
Buried Cable Investments	2423.20	\$256.09	\$229.92	\$1,102.56	\$1,332.47	\$1,588.56
Conduit Investments	2441.10	\$ 3.14	\$2.82	<u>\$13.52</u>	<u>\$16.34</u>	<u>\$19.48</u>
TOTAL 24XX Accou	ınt	\$400,72	\$359.77	\$1,725.29	\$2,085.06	\$2,485.78

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

NEW VIENNA

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.5 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		- 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESA PROPERTY TAX SALES, ADV, MKTG	LE 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT								
16									
17	EQUIPMENT INVESTMENT		\$2,364.83	\$328.68	\$203.05	\$910.95	\$58.73	\$837.40	\$26.01
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,491.19	\$59.87	\$132.76	\$654.60	\$42.20	\$601.75	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$9,762.30	\$230.68	\$950.53	\$4,264.34	\$274.93	\$3,920.05	\$121.78
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$13,618.32	\$619.24	\$1,286.34	\$5,829.90	\$375.86	\$5,359.20	\$147.79
23				:					
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,961.51	\$127.88	\$178.91	\$831.69	\$53.14	\$750.89	\$19.00
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$495.34	\$15.91	\$48.57	\$219.35	\$13.84	\$192.90	\$4.77
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$122.65	\$38.09	\$38.91	\$20.89	\$2.24	\$21.16	\$1.37
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$219.13	\$9.96	\$20.70	\$93.81	\$6.05	\$86.23	\$2.38
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,798.64						
32			_						
	COST PER MONTH	(Ln 31 / 12)	\$233.22						
34							***************************************		
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$7.47				İ		
37									
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$240.69						
39									

Fiber Loop	NEW VIENNA		F	acility Length	3.50	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,036.15	ENGINEER COST \$1,809.54	INSTALL COST \$7,722.07	E&I TOTAL \$9,531.61	TOTAL \$11,567.77
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS -	\$2,364.83	\$1,813.30	\$7,949.00	\$9,762.30	\$12,127.13
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accord	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$203.05	\$180.45	\$770.07	\$950.53	\$1,153.58
Aerial Cable Investments	2421.20	\$910.95	\$809.57	\$3,454.77	\$4,264.34	\$5,175.29
Underground Cable Investments	2422.20	\$58.73	\$52.19	\$222.73	\$274.93	\$333.66
Buried Cable Investments	2423.20	\$837.40	\$744.21	\$3,175.84	\$3,920.05	\$4,757.45
Conduit Investments	2441.10	\$26.01	\$23.12	\$98.66	\$121.78	\$147.79
TOTAL 24XX Accor	unt	\$2,036.15	\$1,809.54	\$7,722.07	\$9,531.61	\$11,567.77

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

OBERL!N

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.51 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.1 8216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596		0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY COST		TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>	İ							
16		1	ľ				ļ		
17	EQUIPMENT INVESTMENT	1	\$1,229.34	\$328.68	\$104.18	\$467.37	\$30.15	\$285.61	\$13.35
18	MATERIAL LOADINGS	(Ln 4* Ln 17)	\$690.74	\$59.87	\$68.11	\$335.85	\$21.67	\$205.24	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$4,674.48	\$230.68	\$514.00	\$2,305.98	\$148.76	\$1,409.16	\$65.89
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			_			
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$6,594.56	\$619.24	\$686.29	\$3,109.20	\$200.58	\$1,900.01	\$79.25
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$971.65	\$127.88	\$95.45	\$443.56	\$28.36	\$266.21	\$10.19
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$237.14	\$15.91	\$25.92	\$116.99	\$7.38	\$68.39	\$2.56
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$79.42	\$38.09	\$20.76	\$11.14	\$1.20	\$7.50	\$0.73
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$106.11	\$9.96	\$11.04	\$50.03	\$3.23	\$30.57	\$1.28
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,394.32						
32									
	COST PER MONTH	(Ln 31 / 12)	\$116.19						
34		-							
35							**************************************		
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$3.72				ļ		
37		ļ							
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$119.91		:				
39							a property and the second		

Unbundled Loop Element Cost Study OHIO

INVE	STMENT	SUMM	ARY

Fiber Loop	OBERLIN		F	acility Length	1.51	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$900.66	ENGINEER COST \$796.85	INSTALL COST \$3,646.95	E&I TOTAL \$4,443.80	TOTAL \$5,344.46
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 13.46	\$1 15.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	ITS .	\$1,229.34	\$800.60	\$3,873.88	\$4,674.48	\$5,903.82
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&J	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$104.18	\$92.17	\$421.84	\$514.00	\$618.18
Aerial Cable Investments	2421.20	\$467.37	\$413.50	\$1,892.48	\$2,305.98	\$2,773.35
Underground Cable Investments	2422.20	\$30.15	\$26.68	\$122.09	\$148.76	\$178.91
Buried Cable Investments	2423.20	\$285.61	\$252.69	\$1,156.48	\$1,409.16	\$1,694.77
Conduit Investments	2441.10	\$13.35	<u>\$11.82</u>	\$54.08	\$65.89	<u>\$79.25</u>
TOTAL 24XX Acco	unt	\$900.66	\$796.85	\$3,646.95	\$4,443.80	\$5,344.46

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

OHIO CITY

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.73 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESA PROPERTY TAX SALES, ADV, MKTG	E 0.03202	0.20652 0.02569 0.06151 0.01609	0.03776 0.03025	0.03763 0.00358	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>								
16									
17	EQUIPMENT INVESTMENT	1	\$1,887.66	\$328.68	\$136.60	\$612.82	\$39.48	\$752.60	\$17.49
18	MATERIAL LOADINGS	(En 4 * En 17)	\$1,158.73	\$59.87	\$89.31	\$440.37	\$28.37	\$540.82	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$7,551.81	\$230.68	\$641.47	\$2,877.85	\$185.39	\$3,534.30	\$82.12
20	SOFTWARE		\$0.00						ļ
21	INVESTMENT FACTOR	(Ln 5° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$10,598.20	\$619.24	\$867.38	\$3,931.03	\$253.24	\$4,827.72	\$99.60
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25		1							
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,534.35	\$127.88	\$120.64	\$560.80	\$35.80	\$676.42	\$12.80
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$382.87	\$15.91	\$32.75	\$147.91	\$9.32	\$173.77	\$3.21
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$99.90	\$38.09	\$26.24	\$14.08	\$1.51	\$19.06	\$0.92
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$170.54	\$9.96	\$13.96	\$63.25	\$4.07	\$77.68	\$1.60
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,187.66			and the second			
32									
- 1	COST PER MONTH	(Ln 31 / 12)	\$182.31						
34									
35						1			
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$5.84						
37			4183.44						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$188.14					A. Carrier	
39									

Fiber Loop	OHIO CITY		F	acility Length	2.73	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL CÖST \$1,558.98	ENGINEER COST \$1,390.04	INSTALL COST \$5,931.09	E&i TOTAL \$7,321.13	TOTAL \$8,880.11
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS	,	\$1,887.66	\$1,393.80	\$6,158.01	\$7,551.81	\$9,439.47
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	<u>\$226.92</u>	\$230.68	\$559 .36
TOTAL 2232 Accoun	t	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$136.60	\$121.79	\$519.68	\$641.47	\$778.07
Aerial Cable Investments	2421.20	\$612.82	\$546.41	\$ 2,331.44	\$2,877.85	\$3,490.66
Underground Cable Investments	2422.20	\$39.48	\$35.20	\$150.19	\$185.39	\$224.87
Buried Cable Investments	2423.20	\$752.60	\$671.05	\$2,863.25	\$3,534.30	\$4,286.90
Conduit Investments	2441.10	\$17.49	<u>\$15.59</u>	<u>\$66.53</u>	\$82.12	\$99. <u>60</u>
TOTAL 24XX Accoun	t	\$1,558.98	\$1,390.04	\$5,931.09	\$7,321.13	\$8,880.11

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

OAK HILL

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 2.13 Miles

INVESTMENT / COST FACTORS	Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 7 ANNUAL EXPENSE FACTORS	0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 CAPITAL RECOVERY 0 COMPOSITE INCOME TAX 1 MAINTENANCE & SUPPORT WHOLESALE 2 PROPERTY TAX 3 SALES, ADV, MKTG 0.0	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>						ļ		
16									}
17	EQUIPMENT INVESTMENT		\$1,579.44	\$328.68	\$132.25	\$593.31	\$38.22	\$470.04	\$16.93
18	MATERIAL LOADINGS	(in 4 * in 17)	\$937.93	\$59.87	\$86.47	\$426.35	\$27.47	\$337.77	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$6,234.39	\$230.68	\$634.80	\$2,847.92	\$183.48	\$2,256.23	\$81.27
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$8,751.76	\$619.24	\$853.52	\$3,867.58	\$249.17	\$3,064.05	\$98.20
23		Į.					l		
	ANNUAL OPERATING EXPENSE	<u>ş</u>					;		
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,275.51	\$127.88	\$118.71	\$551.75	\$35.23	\$429.31	\$12.62
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$316.29	\$15.91	\$32.23	\$145.52	\$9.17	\$110.29	\$3.17
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$92.25	\$38.09	\$25.82	\$13.86	\$1.49	\$12.10	\$0.91
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$140.82	\$9.96	\$13.73	\$62.23	\$4.01	\$49.30	\$1.58
30	TOTAL ANNUAL COST		44.004.03						
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,824.87						
32	COST DED MONTH		6452.07						
	COST PER MONTH	(Ln 31 / 12)	\$152.07						
34 35						1			
	ICALECAAKTOJADVIJADOV	4 - 40 - 4 - 20	\$4.87						
37	'SALES/MKTG/ADV (ABC)	(La 13 * La 33)	⊅4.07						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$156.94						
39	1-211	(200 - 250)	* · * * * * * * * * * * * * * * * * * *						
39	<u> </u>		-,						

OAK HILL Fiber Loop Facility Length 2.13 Miles SYSTEM INVESTMENT MATERIAL ENGINEER INSTALL E&i ITEM FCC ACCT COST COST COST TOTAL TOTAL 12 Fiber Cable 24XX.XX \$1,250.76 \$1,109.70 \$4,894.00 \$6,003.71 \$7,254.46 FIBER PANEL CDL 2232.23 \$164.34 \$1.88 \$113.46 \$115.34 \$279.68 2232.23 \$164.34 \$1.88 \$279.68 FIBER PANEL C.O. \$113.46 \$115.34

TOTAL all ACCOUNT	NTS .	\$1,579.44	\$1,113.46	\$5,120.93	\$6,234.39	\$7,813.83
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	\$226.92	\$230.68	\$ 559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$132.25	\$117.33	\$517.47	\$634.80	\$767.05
Aerial Cable Investments	2421.20	\$593.31	\$526.40	\$2,321.52	\$2,847.92	\$3,441.23
Underground Cable Investments	2422.20	\$38.22	\$33.91	\$149.57	\$183.48	\$221,71
Buried Cable Investments	2423.20	\$470.04	\$417.03	\$1,839.20	\$2,256.23	\$2,726.28
Conduit Investments	2441.10	\$16.93	\$15.02	\$66.25	<u>\$81.27</u>	\$98.20
TOTAL 24XX Acco	ount	\$1,250.76	\$1,109.70	\$4,894.00	\$6,003.71	\$7,254.46

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

OAK HARBOR

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.92 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALI PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.00596	0.03599 0.00395	0.1285 4 0.03 22 6 0.00925 0.01609

	CALCULATION OF MONTHLY CO	DST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>		:						
16									
17	EQUIPMENT INVESTMENT		\$2,598.70	\$328.68	\$219.61	\$985.26	\$63.50	\$973.53	\$28.13
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$1,656.66	\$59.87	\$143.59	\$708.00	\$45.63	\$699.57	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$10,800.62	\$230.68	\$1,022.59	\$4 ,587.66	\$295.67	\$4,533.04	\$130.97
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$15,055.98	\$619.24	\$1,385.79	\$6,280.91	\$404.80	\$6,206.14	\$159.09
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25		İ							
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$2,163.90	\$127.88	\$192.75	\$896.03	\$57.23	\$869.55	\$20.45
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$547.98	\$15.91	\$ 52.33	\$236.32	\$14.90	\$223.38	\$5.13
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$130.90	\$38.09	\$41.92	\$22.50	\$2.41	\$24.50	\$1.47
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$242.27	\$9.96	\$22.30	\$101.07	\$6.51	\$99.86	\$2.56
30	TOTAL ANNHUAL COOT		00.005.04						
	TOTAL ANNUAL COST	(Sum Ln 26i.n 29)	\$3,085.04						
32	2047 DED 11011711		#AE7 AA						
	COST PER MONTH	(Ln 31 / 12)	\$257.09			,			
34									
35	ICAL ECIMIZTO/ADV/ (ADO)		60.00						
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$8.23						
37 วя	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$265.32						
		(Eii 30 + Eii 33)	4200.02				:		
39									

Fiber Loop	OAK HARBOR		í	Facility Length	3.92	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,270.02	ENGINEER COST \$2,019.03	INSTALL COST \$8,550.90	E&I TOTAL \$10,569.93	TOTAL \$12,839.96
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	its -	\$2,598.70	\$2,022.79	\$8,777.83	\$10,800.62	\$13,399.32
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&1	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$219.61	\$195.33	\$827.26	\$1,022.59	\$1,242.21
Aerial Cable Investments	2421.20	\$985.26	\$876.32	\$3,711.34	\$4,587.66	\$5,572.91
Underground Cable Investments	2422.20	\$63.50	\$56.48	\$239.20	\$295.67	\$359.17
Buried Cable Investments	2423.20	\$973.53	\$865.8 9	\$3,667.16	\$4,533.04	\$5,506.57
Conduit Investments	2441.10	\$28.13	<u>\$25.02</u>	\$105.95	\$130.97	\$159.09
TOTAL 24XX Acco	unt	\$2,270.02	\$2,019.03	\$8,550.90	\$10,569.93	\$12,839.96

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

OSTRANDER

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.62 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		- 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WA PROPERTY TAX SALES, ADV, MKTG	HOLESALE 0.032	0.20652 0.02569 0.06151 0.01609	0.03776 0.03025	0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT	ļ					ļ		1
16									İ
17	EQUIPMENT INVESTMENT		\$2,268.31	\$328.68	\$86.12	\$386.35	\$25.06	\$1,431.00	\$11.10
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,440.12	\$59.87	\$56.31	\$277.63	\$18.01	\$1,028.31	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$9,039.53	\$230.68	\$391.11	\$1,754.63	\$113.80	\$6,498.91	\$50.40
20	SOFTWARE	İ	\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum i.n 17Ln 21)	\$12,747.96	\$619.24	\$533.53	\$2,418.61	\$156.86	\$8,958.22	\$61.50
23		Į							
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25							•		
26	CAPITAL RECOVERY	(Ln 9 * i.n 22)	\$1,832.37	\$127.88	\$74.21	\$345.04	\$22.18	\$1,255.15	\$7.91
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$457.26	\$15.91	\$20.15	\$91.00	\$5.77	\$322.44	\$1.98
28		(Ln 11 ° Ln 22)	\$99.76	\$38.09	\$16.14	\$8.67	\$0.94	\$35.37	\$0.57
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$205.13	\$9.96	\$8.59	\$38.92	\$2.52	\$144.15	\$0.99
30							ļ	***************************************	
	TOTAL ANNUAL COST	(Sum Ln 26i.n 29)	\$2,594.52				ľ		
32							Ì		
	COST PER MONTH	(Ln 31 / 12)	\$216.21					1	
34							***************************************		
35								1	
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$6.92		\				
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$223.13						
39									
	<u></u> -						•		

Fiber Loop	OSTRANDER		F	acility Length	3.62	Miles
SYSTEM INVESTMENT (TEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,939.63	ENGINEER COST \$1,748.68	INSTALL COST \$7,060.17	E&I TOTAL \$8,808.85	TOTAL \$10,748.48
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS -	\$2,268.31	\$1,752.43	\$7,287.10	\$9,039.53	\$11,307.84
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$86.12	\$77.64	\$313.47	\$391.11	\$477.23
Aerial Cable Investments	2421.20	\$386.35	\$348.32	\$1,406.31	\$1,754.63	\$2,140.98
Underground Cable Investments	2422.20	\$25.06	\$22.59	\$91.21	\$113.80	\$138.85
Buried Cable Investments	2423.20	\$1,431.00	\$1,290.12	\$5,208.79	\$6,498.91	\$7,929.91
Conduit Investments	2441.10	<u>\$11.10</u>	<u>\$10.01</u>	<u>\$40.40</u>	<u>\$50.40</u>	<u>\$61.50</u>
TOTAL 24XX Acco	unt	\$1,939.63	\$1,748.68	\$7,060.17	\$8,808.85	\$10,748.48

GTE

OHIO

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

OTWAY

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 7.89 Miles

Γ			Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
111	NVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
L			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1								
211	NVESTMENT LOADINGS							
3						ļ		
4	MATERIAL LOADINGS	i i	0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR						· ·	
6								
7 <u>A</u>	NNUAL EXPENSE FACTORS			İ				
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1	MAINTENANCE & SUPPORT WHOLESALI	:	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	оѕт	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
16	<u>INVESTMENT</u>	1				\	ļ	1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
17			\$5,254.52	\$328.68	\$784.35	\$3,518.82	\$227.10	\$294.99	\$100.59
18		(Ln 4 ° Ln 17)	\$3,476.46	\$59.87	\$512.82	\$2,528.60	\$163.19	\$294.99	\$0.00
19		·	\$23,663.04	\$230.68	\$3,731.16	\$16,739.11	\$1,080.31	\$1,403.26	\$478.51
20		~"	\$0.00	Ψ230.00	ΨJ ₁ /31.10	\$10,753.11	\$1,000.01	ψ1, 400 .20	Ψ+7 0.5 1
21		(Ln 5 * Lns 17+19)	\$0.00				{		
22		(Sum Ln 17Ln 21)	\$32,394.02	\$619.24	\$5,028.33	\$22,786.53	\$1,470.61	\$1,910.22	\$579.10
23		(542 112)	, , , , , , , , , , , , , , , , , , ,	40.0.2.	45/025/50	V22 100.00	4 11 (1 3 1 3 1 3 1	V 10 10 10 I	,
	ANNUAL OPERATING EXPENSE	s İ				,			
25		-							
26		(Ln 9 * Ln 22)	\$4,627.98	\$127.88	\$699.37	\$3,250.72	\$207.92	\$267.64	\$74.44
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$1,204.72	\$15.91	\$189.88	\$857.36	\$54.13	\$68.76	\$18.68
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$293.48	\$38.09	\$152.09	\$81.64	\$8.77	\$7.54	\$5.36
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$521.25	\$9.96	\$80.91	\$366.66	\$23.66	\$30.74	\$9.32
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$6,647.44				1		
32				Ì					
33	COST PER MONTH	(Ln 31 / 12)	\$553.95				[
34	1						ļ		
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$17.73						
37			AF5.1-28		l				
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$571.69						
39						<u> </u>			,

Fiber Loop	OTWAY		F	acility Length	7.69	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$4,925.84	ENGINEER COST \$4,301.27	INSTALL COST \$19,131.08	E&I TOTAL \$23,432.35	TOTAL \$28,358.20
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113.46	\$1 15.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS .	\$5,254.52	\$4,305.03	\$19,358.01	\$23,663.04	\$28,917.56
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$784.35	\$684.90	\$3,046.27	\$3,731.16	\$4,515.51
Aerial Cable Investments	2421.20	\$3,518.82	\$3,072.65	\$13,666.45	\$16,739.11	\$20,257.93
Underground Cable Investments	2422.20	\$227.10	\$198.30	\$882.01	\$1,080.31	\$1,307.41
Buried Cable Investments	2423.20	\$294.99	\$257.58	\$1,145.67	\$1,403.26	\$1,698.24
Conduit Investments	2441.10	\$100.59	\$87.8 4	\$390.68	<u>\$478.51</u>	\$579.10
TOTAL 24XX Accor	unt	\$4,925.84	\$4,301.27	\$19,131.08	\$23,432.35	\$28,358.20

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

OXFORD

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 1.78 Miles

	NVESTMENT / COST FACTORS	10 10 10 10	Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.00358		0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14	<u>INVESTMENT</u>	_						***************************************	
16	MA FOLIMEIAT	- 1	}						
17	EQUIPMENT INVESTMENT		\$1,447.26	\$328.68	\$165.35	\$741.79	\$47.91	\$142.32	\$21.22
18	MATERIAL LOADINGS	(Ln 4 * i,n 17)	\$837.72	\$59.87	\$108.11	\$533.05	\$34.42	\$102.27	\$0.00
19	ENGINEERING & INSTALLATION		\$5,783.33	\$230.68	\$820.78	\$3,682.26	\$237.80	\$706.47	\$105.33
20	SOFTWARE		\$0.00	,	4	*=,=====	•======	• • • • • • • • • • • • • • • • • • • •	,
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						ŀ
22	TOTAL INVESTMENT	(Sum En 17En 21)	\$8,068.31	\$619.24	\$1,094.23	\$4,957.10	\$320.13	\$951.06	\$126.55
23		Į.	ļ						
24	ANNUAL OPERATING EXPENSE	<u>s</u>					Ì		
25				ĺ					
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,182.04	\$127.88	\$152.19	\$707.18	\$45.26	\$133.25	\$16.27
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$293.84	\$15.91	\$41.32	\$186.51	\$11.78	\$34.23	\$4.08
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$95.78	\$38.09	\$33.10	\$17.76	\$1.91	\$3.76	\$1.17
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$129.83	\$9.96	\$17.61	\$79.76	\$5.15	\$15.30	\$2.04
30		Ł							Į
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,701.49	ļ				***************************************	
32					1				
	COST PER MONTH	(Ln 31 / 12)	\$141.79					***************************************	
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$4.54						
37		ļ							
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$146.33	ĺ					
39									

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	OXFORD	OXFORD		acility Length	1.78	Miles	
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,118.58	ENGINEER COST \$980.24	INSTALL COST \$4,572.41	E&I TOTAL \$5,552.65	TOTAL \$6,671.23	
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68	
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68	

TOTAL all ACCOU	NTS :	\$1,447.26	\$984.00	\$4,799.33	\$5,783.33	\$7,230.59
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	\$230.68	\$55 <u>9.36</u>
TOTAL 2232 Acco	punt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$165.35	\$144.90	\$675.88	\$820.78	\$986.13
Aerial Cable Investments	2421.20	\$741.79	\$650.05	\$3,032.21	\$3,682.26	\$4,424.05
Underground Cable Investments	2422.20	\$47.91	\$41.98	\$195.82	\$237.80	\$285.71
Buried Cable Investments	- 2423.20	\$142.32	\$124.72	\$581.75	\$706.47	\$848.79
Conduit Investments	2441.10	\$21.22	\$18.59	\$86.74	\$105.33	\$126.55
TOTAL 24XX Acco	ount	\$1,118.58	\$980.24	\$4,572.41	\$5,552.65	\$6,671.23

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PARIS

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.19 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681	0.03599	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15	INVESTMENT	·			A Particular Particula				
16									
17			\$2,893.63	\$328.68	\$338.28	\$1,517.64	\$97.81	\$567.89	\$43.33
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$1,849.98	\$59.87	\$221.17	\$1,090.57	\$70.29	\$408.08	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$12,388.56	\$230.68	\$1,603.47	\$7,193.63	\$463.64	\$2,691.79	\$205.36
20	SOFTWARE		\$0.00	-	,	ŕ			
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			1			1
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$17,132.18	\$619.24	\$2,162.92	\$9,801.83	\$631.74	\$3,667.76	\$248.69
23									1
24	ANNUAL OPERATING EXPENSE	<u>s</u>					1		
25		İ		İ					
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$2,462.23	\$127.88	\$300.83	\$1,398.33	\$89.32	\$513.90	\$31.97
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$629.68	\$15.91	\$81.68	\$368.80	\$23.25	\$132.02	\$8.02
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$159.17	\$38.09	\$65.42	\$35.12	\$3.77	\$14.48	\$2.30
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$275.67	\$9.96	\$34.80	\$157.72	\$10.17	\$59.02	\$4.00
30						ļ			
	TOTAL ANNUAL COST	(Sum Lri 26Ln 29)	\$3,526.76						
32							ļ		
	COST PER MONTH	(Ln 31 / 12)	\$293.90						
34								!	
35						Ţ		-	
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$9.41						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$303.31					•	
39									

Fiber Loop	PARIS		F	acility Length	4.19	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,564.95	ENGINEER COST \$2,258.60	INSTALL COST \$9,899.28	E&I TOTAL \$12,157.88	TOTAL \$14,722.83
FIBER PANEL COL	2232.23	\$164,34	\$1.88	\$ 113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS .	\$2,893.63	\$2,262.36	\$10,126.20	\$12,388.56	\$15,282.20
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0 .00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accou	int	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$338.28	\$297.88	\$1,305.59	\$1,603.47	\$1,941.75
Aerial Cable Investments	2421.20	\$1,517.64	\$1,336.38	\$5,857.25	\$7,193.63	\$8,711.27
Underground Cable Investments	2422.20	\$97.81	\$86.13	\$377.51	\$463.64	\$561.45
Buried Cable investments	2423.20	\$567.89	\$500.06	\$2,191.73	\$2,691.79	\$3,259.68
Conduit Investments	2441.10	\$ 43.33	<u>\$38.15</u>	<u>\$167.21</u>	<u>\$205.36</u>	<u>\$248.69</u>
TOTAL 24XX Accou	int	\$2,564.95	\$2,258.60	\$9,899.28	\$12,157.88	\$14,722.83

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PAYNE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.16 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

2422.20 2423.20 2441.00	2421.20	2411.10	2232.23	TOTAL	OST	CALCULATION OF MONTHLY C
						14
				-		15 INVESTMENT
						16
\$24.34 \$200.92 \$10.78	\$377.20	\$84.08	\$328.68	\$1,026.00		17 EQUIPMENT INVESTMENT
\$17.49 \$144.38 \$ 0.00	\$271.05	\$54.97	\$59.87	\$547.77	(Ln 4 ° Ln 17)	18 MATERIAL LOADINGS
\$123.12 \$1,016.38 \$54.54	\$1,908.11	\$425.32	\$230.68	\$3,758.14	ON	19 ENGINEERING & INSTALLATION
				\$0.00		20 SOFTWARE
				\$0.00	(Ln 5 ° Lns 17+19)	21 INVESTMENT FACTOR
\$164.95 \$1,361.68 \$65.32	\$2,556.36	\$564.37	\$619.24	\$5,331.91	(Sum Ln 17Ln 21)	22 TOTAL INVESTMENT
]	23
	İ			ļ	<u>s</u> {	24 ANNUAL OPERATING EXPENSE
						25
\$23.32 \$190.79 \$8.40	\$364.69	\$78.50	\$127.88	\$793.57	(Ln 9 ° Ln 22)	26 CAPITAL RECOVERY
\$6.07 \$49.01 \$2.11	\$96.18	\$21.31	\$15.91	\$190.60	(Ln 10 ° Ln 22)	27 COMPOSITE INCOME TAX
\$0.98 \$5.38 \$0.60	\$9.16	\$17.07	\$38.09	\$71.28	(Ln 11 ° Ln 22)	28 MAINTENANCE & SUPPORT
\$2.65 \$21.91 \$1.05	\$41.13	\$9.08	\$ 9.96	\$85.80	(Ln 12 * Ln 22)	29 PROPERTY TAX
						30
				\$1,141.25	(Sum Ln 26Ln 29)	31 TOTAL ANNUAL COST
]					32
				\$95.10	(Ln 31 / 12)	33 COST PER MONTH
						34
					į	35
				\$3.04	(Ln 13 ° Ln 33)	36 SALES/MKTG/ADV (ABC)
						37
				\$98.15	(Ln 36 + Ln 33)	38 TOTAL COST PER MONTH
						39
				\$98.15	(Ln 36 + Ln 33)	38 TOTAL COST PER MONTH

Fiber Loop	PAYNE		Facility Length 1.16			Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FGC ACCT 24XX.XX	MATERIAL COST \$697.32	ENGINEER COST \$616.07	INSTALL GOST \$2,911.39	E&I TOTAL \$3,527.46	TOTAL \$4,224.78
FIBER PANEL CDL	2232.23	\$ 164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	ITS	\$1,026.00	\$619.83	\$3,138.32	\$3,758.14	\$4,784.14
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411,10	\$84.08	\$74.28	\$351.04	\$425.32	\$509.40
Aerial Cable Investments	2421.20	\$377.20	\$333.25	\$1,574.86	\$1,908.11	\$2,285.30
Underground Cable Investments	2422.20	\$24.34	\$21.50	\$101.62	\$123.12	\$147.46
Buried Cable Investments	2423.20	\$200.92	\$177.51	\$838.87	\$1,016.38	\$1,217.30
Conduit Investments	2441.10	\$10.78	<u>\$9.52</u>	\$45.01	\$54.5 <u>4</u>	<u>\$65.32</u>
TOTAL 24XX Acco	unt	\$697.32	\$616.07	\$2,911.39	\$3,527.46	\$4,224.78

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

PEEBLES

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 3.83 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		. 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
4 5 <u>INVESTMENT</u> 6								
7 EQUIPMENT INVESTMENT		\$2,740.85	\$328.68	\$359.81	\$1,614.21	\$104.12	\$287.89	\$46.12
8 MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,736,79	\$59.87	\$235.25	\$1,159.96	\$74.82	\$206.88	\$0.00
9 ENGINEERING & INSTALLATI	ON	\$11,810.77	\$230.68	\$1,727.34	\$7,749.37	\$499.87	\$1,382.10	\$221.41
0 SOFTWARE		\$0.00	,=::::	, , = .= .		,		·
1 INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
2 TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$16,288.41	\$619.24	\$2,322.40	\$10,523.55	\$678.81	\$1,876.87	\$267.53
3	,			` .				
4 ANNUAL OPERATING EXPENSE	<u>s</u>	Į						
5	_							
6 CAPITAL RECOVERY	(Ln 9 * t.n 22)	\$2,345.52	\$127.88	\$323.01	\$1,501.29	\$95.97	\$262.97	\$34.39
7 COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$600.74	\$15.91	\$87.70	\$395.96	\$24.99	\$67.56	\$8.63
8 MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$159.97	\$38.09	\$70.24	\$37.70	\$4.05	\$7.41	\$2.47
9 PROPERTY TAX	(Ln 12 * Ln 22)	\$262.10	\$9.96	\$37.37	\$169.33	\$10.92	\$30.20	\$4.30
0					ľ			
1 TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,368.32			ļ			
2								
3 COST PER MONTH	(Ln 31 / 12)	\$280.69						
4	,]			
5								
6 'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$8.99						
7								
8 TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$289.68						
9							T T T T T T T T T T T T T T T T T T T	

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	PEEBLES		F	acility Length	3.83	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,412.16	ENGINEER COST \$2,112.97	INSTALL COST \$9,467.12	E&I TOTAL \$11,580.09	TOTAL \$13,992.25
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$ 164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS .	\$2,740.85	\$2,116.73	\$9,694.05	\$11,810.77	\$14,551.62
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accou	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&J	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$359.81	\$315.18	\$1,412.16	\$1,727.34	\$2,087.15
Aerial Cable Investments	2421.20	\$1,614.21	\$1,413.99	\$6,335.38	\$7,749.37	\$9,363.59
Underground Cable Investments	2422.20	\$104.12	\$91.21	\$408.66	\$499.87	\$603.99
Buried Cable Investments	2423.20	\$287.89	\$252.19	\$1,129.91	\$1,382.10	\$1,669.99
Conduit Investments	2441.10	<u>\$46.12</u>	\$40.40	\$181.01	<u>\$221.41</u>	\$267.53
TOTAL 24XX Accou	unt	\$2,412.16	\$2,112.97	\$9,467.12	\$11,580.09	\$13,992.25

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PORT CLINTON MAIN

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.65 Miles

[NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT	;							
16 17			\$1,965.48	\$328.68	\$224.81	\$1,008.58	\$65.15	\$309.41	\$28.86
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$1,200.77	\$59.87	\$146.99	\$724.76	\$46.81	\$222.34	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$8,140.42	\$230.68	\$1,086.40	\$4,873.90	\$314.81	\$1,495.19	\$139.44
20	SOFTWARE	İ	\$0.00			İ			
21		(Ln 5 * Lns 17+19)	\$0.00						
22		(Sum Ln 17Ln 21)	\$11,306.67	\$619.24	\$1,458.20	\$6,607.23	\$426.77	\$2,026.93	\$168.30
23	1		ļ	ļ					
	ANNUAL OPERATING EXPENSE	<u>s</u>				.]	İ		
25				ļ				ļ	
26		(Ln 9 ° Ln 22)	\$1,639.25	\$127.88	\$202.82	\$942.59	\$60.34	\$284.00	\$21.63
27		(Ln 10 * Ln 22)	\$413.67	\$15.91	\$55.06	\$248.60	\$15.71	\$72.96	\$5.43
28		(Ln 11 ° Ln 22)	\$117.97	\$38.09	\$44.11	\$23.67	\$2.54	\$8.00	\$1.56
29		(Ln 12 ° Ln 22)	\$181.94	\$9.96	\$23.46	\$106.32	\$6.87	\$32.62	\$2.71
30	1			į į		ļ			
	TOTAL ANNUAL COST	(Sum Ln 28Ln 29)	\$2,352.83			Į.		İ	
32	Ī								
	COST PER MONTH	(Ln 31 / 12)	\$196.07						
34	•		! `	1					
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$6.28						
37									
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$202.35						
39									

Fiber Loop	PORT CLINTON MAIN		F	acility Length	2.65	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,636.80	ENGINEER COST \$1,438.95	INSTALL COST \$6,470.78	E&I TOTAL \$7,909.73	TOTAL \$9,546.53
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS	S	\$1,965.48	\$1,442.71	\$6,697.71	\$8,140.42	\$10,105.90
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL.	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accoun	t	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$224.81	\$197.64	\$888.76	\$1,086.40	\$1,311.21
Aerial Cable Investments	2421.20	\$1,008.58	\$886.67	\$3,987.23	\$4,873.90	\$5,882.48
Underground Cable Investments	2422.20	\$65.15	\$57.27	\$257.54	\$314.81	\$379.96
Buried Cable Investments	2423.20	\$309.41	\$272.01	\$1,223.18	\$1,495.19	\$1,804.59
Conduit Investments	2441.10	\$28.86	\$25.37	\$114.07	\$139.44	<u>\$168.30</u>
TOTAL 24XX Accoun	t	\$1,636.80	\$1,438.95	\$6,470.78	\$7,909.73	\$9,546.53

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PORT CLINTON WEST

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.55 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY COST		TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT								
17	i .		\$2,464.31	\$328.68	\$258.49	\$1,159.68	\$74.87	\$609.43	\$33.16
18		(Ln 4 * Ln 17)	\$1,553.95	\$59.87	\$169.01	\$833.34	\$53.80	\$437.94	\$0.00
19	ENGINEERING & INSTALLATI	` ' 1	\$10,342.32	\$230.68	\$1,223.90	\$5,490.76	\$354.47	\$2,885.51	\$157.01
20			\$0.00	,	, .,	, , , , , , , , , , , , , , , , , , , ,	,	/	
21	1	(Ln 5 ° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17. Ln 21)	\$14,360.58	\$619.24	\$1,651.39	\$7,483.77	\$483.13	\$3,932.88	\$190.17
23	ĺ			ļ					
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25	[_	, J	1					
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$2,069.00	\$127.88	\$229.69	\$1,067.63	\$68.31	\$551.04	\$24.44
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$525.33	\$15.91	\$62.36	\$281.58	\$17.78	\$141.56	\$6.13
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$135.02	\$38.09	\$49.95	\$26.81	\$2.88	\$15.53	\$1.76
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$231.08	\$9.96	\$26.57	\$120.42	\$7.77	\$63.28	\$3.06
30	ŀ			4					ľ
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,960.42	Ì			1		
32									
33	COST PER MONTH	(Ln 31 / 12)	\$246.70	İ					1
34				Į.			1		
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$7.90						
37	i								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$254.60						
39									

Fiber Loop	PORT CLINTON WEST		F	Facility Length	3.55	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,135.63	ENGINEER COST \$1,886.55	INSTALL COST \$8,225.09	E&I TOTAL \$10,111.64	TOTAL \$12,247.27
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS .	\$2,464.31	\$1,890.31	\$8,452.01	\$10,342.32	\$12,806.63
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$258.49	\$228.34	\$995.55	\$1,223.90	\$1,482.39
Aerial Cable Investments	2421.20	\$1,159.68	\$1,024.42	\$4,466.34	\$5,490.76	\$6,650.43
Underground Cable Investments	. 2422.20	\$74.87	\$66.13	\$288.33	\$354.47	\$429.33
Buried Cable Investments	2423.20	\$609.43	\$538.35	\$2,347.15	\$2,885.51	\$3,494.94
Conduit Investments	2441.10	\$33.16	\$29.29	\$127.71	\$157.01	\$190.17
TOTAL 24XX Acco	unt	\$2,135.63	\$1,886.55	\$8,225.09	\$10,111.64	\$12,247.27

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PHILLIPSBURG

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.88 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Buried Cable Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 INVESTMENT LOADINGS 3							
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR							
6 7 <u>ANNUAL EXPENSE FACTORS</u> 8							·
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202	1					

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT								
16			#2 070 A4	#200 CO	#264 DB	64 620 00	6404.74	\$040 F2	646.20
17	EQUIPMENT INVESTMENT		\$3,272.41	\$328.68	\$361.28	\$1,620.80	\$104.74	\$810.52	\$46.39
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$2,118.48	\$59.87	\$236.21	\$1,164.69	\$75.26	\$582.44	\$0.00
19		ON	\$14,055.33	\$230.68	\$1,696.67	\$7,611.75	\$491.89	\$3,806.47	\$217.88
20			\$0.00				-		
21	INVESTMENT FACTOR	(En 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$19,446.22	\$619.24	\$2,294.15	\$10,397.24	\$671.89	\$5,199.43	\$264.27
23		_			İ				
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$2,787.70	\$127.88	\$319.09	\$1,483.27	\$95.00	\$728.50	\$33.97
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$714.15	\$15.91	\$86.63	\$391.20	\$24.73	\$187.15	\$8.53
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$171.71	\$38.09	\$69.39	\$37.25	\$4.01	\$20.53	\$2.44
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$312.91	\$9.96	\$36.92	\$167.30	\$10.81	\$83.66	\$4.25
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,986.47				4		
32									
33	COST PER MONTH	(Ln 31 / 12)	\$332.21						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$10.64						
37	, ,	·	·						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$342.84						
39		İ							
39		(V- 1-1-1						<u> </u>

Fiber Loop

BREAKOUT OF 24xx.xx INVESTMENT

Underground Cable Investments

TOTAL 24XX Account

Aerial Cable Investments

Buried Cable Investments

Conduit Investments

Pole Investments

Unbundled Loop Element Cost Study OHIO INVESTMENT SUMMARY

Facility Length

4.88

Miles

PHILLIPSBURG

SYSTEM INVESTMENT						
		MATERIAL	ENGINEER	INSTALL	E&I	
ITEM	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
12 Fiber Cable	24XX.XX	\$2,943.73	\$2,599.12	\$11,225.52	\$13,824.65	\$16,768.38
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
TOTAL all ACCOU	INTS .	\$3,272.41	\$2,602.88	\$11,452.45	\$14,055.33	\$17,327.74
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	\$ 559.36
TOTAL 2232 Acc	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36

MATERIAL

COST

\$361.28

\$104.74

\$810.52

\$46.39

\$2,943.73

\$1,620.80

FCC ACCT

2411.10

2421.20

2422.20

2423.20

2441.10

ENGINEER

COST

\$318.98

\$1,431.06

\$92.48

\$715.64

\$40.96

\$2,599.12

INSTALL

COST

\$1,377.68

\$6,180.69

\$399.41

\$3,090.83

\$176.91

\$11,225.52

E&I

TOTAL

\$1,696.67

\$7,611.75

\$3,806.47

\$13,824.65

\$491.89

\$217.88

TOTAL

\$2,057.94

\$9,232.54

\$596.63

\$4,616.99

\$264.27

\$16,768.38

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PIONEER

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.3 Miles

INVESTMENT / COST FACTORS	;	Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 7 ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 CAPITAL RECOVERY 0 COMPOSITE INCOME TAX 1 MAINTENANCE & SUPPORT WHOLESALE 2 PROPERTY TAX 3 SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>								
16		İ							
17	EQUIPMENT INVESTMENT		\$1,638.78	\$328.68	\$112.60	\$505.18	\$32.53	\$645.37	\$14.41
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$983.65	\$59.87	\$73.62	\$363.02	\$23.38	\$463.76	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$6,428.36	\$230.68	\$532.70	\$2,389.84	\$153.91	\$3,053.06	\$68.17
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$9,050.79	\$619.24	\$718.92	\$3,258.03	\$209.83	\$4,162.19	\$82.58
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,316.12	\$127.88	\$99.99	\$464.79	\$29.67	\$583.17	\$10.62
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$325.84	\$15.91	\$27.15	\$122.59	\$7.72	\$149.81	\$2.66
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$89.95	\$38.09	\$21.74	\$11.67	\$1.25	\$16.43	\$0.76
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$145.64	\$9.96	\$11.57	\$52.42	\$3.38	\$66.97	\$1.33
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,877.55						
32		1					ļ		
	COST PER MONTH	(Ln 31 / 12)	\$156.46						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.01						
37		ļ							
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$161.47						
39									
39									

Fiber Loop	PIONEER		F	acility Length	2.30	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,310.10	ENGINEER COST \$1,168.65	INSTALL COST \$5,029.02	E&I TOTAL \$6,197.67	TOTAL \$7,507.77
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	its	\$1,638.78	\$1,172.41	\$5,255.95	\$6,428.36	\$8,067.14
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$112.60	\$100.45	\$432.25	\$532.70	\$645.30
Aerial Cable Investments	2421.20	\$505.18	\$450.63	\$1,939.20	\$2,389.84	\$2,895.01
Underground Cable Investments	2422.20	\$32.53	\$29.02	\$124.89	\$153.91	\$186.45
Buried Cable Investments	2423.20	\$645.37	\$575.69	\$2,477.36	\$3,053.06	\$3,698.43
Conduit Investments	2441.10	<u>\$14.41</u>	<u>\$12.86</u>	\$55.32	<u>\$68.17</u>	\$82.58
TOTAL 24XX Acco	unt	\$1,310.10	\$1,168.65	\$5,029.02	\$6,197.67	\$7,507.77

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

PIKETON

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.89 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
INVESTMENT LOADINGS							
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR	1 1	ļ					
		į					
ANNUAL EXPENSE FACTORS							
						İ	
CAPITAL RECOVERY	Ì	0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>								
17	1		\$3,340.26	\$328.68	\$408.25	\$1,831.55	\$118.36	\$600.99	\$52.43
18		(Ln 4 ° Ln 17)	\$2,159.86	\$59.87	\$266.92	\$1,316.14	\$85.05	\$431.87	\$0.00
19		ON I	\$14,478.86	\$230.68	\$1,931.50	\$8,665.28	\$559.98	\$2,843.37	\$248.04
20	SOFTWARE		\$0.00	-	. ,				1
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$19,978.98	\$619.24	\$2,606.68	\$11,812.97	\$763.40	\$3,876.23	\$300.47
23	·								
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$2,865.33	\$127.88	\$362.55	\$1,685.23	\$107.93	\$543.11	\$38.62
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$736.13	\$15.91	\$98.43	\$444.47	\$28.10	\$139.52	\$9.69
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$181.89	\$38.09	\$78.84	\$42.32	\$4.55	\$15.31	\$2.78
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$321.48	\$9.96	\$41.94	\$190.08	\$12.28	\$62.37	\$4.83
30		.							
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$4,104.83						
32									
33	COST PER MONTH	(Ln 31 / 12)	\$342.07						
34			1						
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$10.95						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$353.02		ļ				
39							. <u> </u>		

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	PIKETON		F	acility Length	4.89	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$3,011.58	ENGINEER COST \$2,648.98	INSTALL COST \$11,599.20	E&I TOTAL \$14,248.18	TOTAL \$17,259.76
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	s :	\$3,340.26	\$2,652.74	\$11,826.12	\$14,478.86	\$17,819.12
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0 .00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$ 3.76	\$226.92	\$230.68	\$ 55 <u>9.36</u>
TOTAL 2232 Accoun	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL.	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$408.25	\$359.10	\$1,572.40	\$1,931.50	\$2,339.75
Aerial Cable Investments	2421.20	\$1,831.55	\$1,611.02	\$7,054.26	\$8,665.28	\$10,496.83
Underground Cable Investments	2422.20	\$118.36	\$104.11	\$455.87	\$559.98	\$678.35
Buried Cable Investments	2423.20	\$600.99	\$528.63	\$2,314.74	\$2,843.37	\$3,444.36
Conduit Investments	2441.10	\$52.43	<u>\$46.11</u>	\$201.92	\$248.04	\$300.47
TOTAL 24XX Accoun	nt	\$3,011.58	\$2,648.98	\$11,599.20	\$14,248.18	\$17,259.76

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PLYMOUTH

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.02 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetatlic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR NNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLE PROPERTY TAX SALES, ADV, MKTG	SALE 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>							and the state of t	
17	EQUIPMENT INVESTMENT		\$915.22	\$328.68	\$54.07	\$242.60	\$15.61	\$267.35	\$6.91
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$472.89	\$59.87	\$35.35	\$174.33	\$11.22	\$192.12	\$0.00
19			\$3,195.24	\$230.68	\$273.31	\$1,226.15	\$78.89	\$1,351.26	\$34.94
20			\$0.00	,	,,	, ,,		,	,
21	INVESTMENT FACTOR	. (Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,583.35	\$619.24	\$362.74	\$1,643.07	\$105.72	\$1,810.72	\$41.86
23							Ì	1	
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$686.77	\$127.88	\$50.45	\$234.40	\$14.95	\$253.70	\$5.38
27	COMPOSITE INCOME TAX	(Լո 10 ° Լո 22)	\$161.85	\$15.91	\$13.70	\$61.82	\$3.89	\$65.17	\$1.35
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$63.11	\$38.09	\$10.97	\$5.89	\$0.63	\$7.15	\$0.39
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$73.75	\$9.96	\$5.84	\$26.44	\$1.70	\$29.14	\$0.67
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$985.48						
32									
33	COST PER MONTH	(Ln 31 / 12)	\$82.12	ļ					
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$2.63						
37		Ì							
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$84.75						
39									

Fiber Loop	PLYMOUTH		F	acility Length	1.02	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$586.54	ENGINEER COST \$522.34	INSTALL COST \$2,442.22	E&I TOTAL \$2,964.56	TOTAL \$3,551.10
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	its :	\$915.22	\$526.10	\$2,669.14	\$3,195.24	\$4,110.46
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$54.07	\$48.16	\$225.15	\$273.31	\$327.38
Aeriai Cable investments	2421.20	\$242.60	\$216.04	\$1,010.11	\$1,226.15	\$1,468.74
Underground Cable Investments	2422.20	\$15.61	\$13.90	\$64.99	\$78.89	\$94.50
Buried Cable Investments	2423.20	\$267.35	\$238.08	\$1,113.18	\$1,351.26	\$1,618.61
Conduit Investments	2441.10	\$6.91	<u>\$6.16</u>	\$28.79	<u>\$34.94</u>	<u>\$41.86</u>
TOTAL 24XX Acco	unt	\$586.54	\$522.34	\$2,442.22	\$2,964.56	\$3,551.10

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PLUMWOOD

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 5.18 Miles

l I	NVESTMENT / COST FACTORS			Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR NNUAL EXPENSE FACTORS			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT PROPERTY TAX SALES, ADV, MKTG	WHOLESALE	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358		0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>								
16 17	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de		\$3,153.08	\$328.68	\$159.61	\$716.07	\$46.27	\$1,881.94	\$20.50
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$2,064.40	\$59.87	\$104.36	\$514.57	\$33.25	\$1,352.35	\$0.00
19		ON	\$13,003.42	\$230.68	\$721.82	\$3,238.29	\$209.27	\$8,510.67	\$92.69
20	SOFTWARE		\$0.00	annua.	1			į	
21	Y	(Ln 5 * Lns 17+19)	\$0.00						
22		(Sum Lri 17Ln 21)	\$18,220.89	\$619.24	\$985.79	\$4,468.92	\$288.80	\$11,744.95	\$113.19
23			i						
	ANNUAL OPERATING EXPENSE	<u>s</u>	l						
25						ľ			
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$2,603.52	\$127.88	\$137.11	\$637.54	\$40.83	\$1,645.61	\$14.55
27		(Ln 10 * Ln 22)	\$658.31	\$15.91	\$37.22	\$168.15	\$10.63	\$422.74	\$3.65
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$133.06	\$38.09	\$29.82	\$16.01	\$1.72	\$46.37	\$1.05
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$293.19	\$9.96	\$15.86	\$71.91	\$4.65	\$188.99	\$1.82
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,688.08						
32				į		ļ			
33	COST PER MONTH	(Ln 31 / 1 <u>/</u> 2)	\$307.34			i			
34						1			
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$9.84						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$317.18		ļ				
39									

Fiber Loop	PLUMWOOD		i	Facility Length	5.18	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,824.40	ENGINEER COST \$2,538.72	INSTALL COST \$10,234.01	E&I TOTAL \$12,772.73	TOTAL \$15,597.13
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	NTS .	\$3,153.08	\$2,542.48	\$10,460.93	\$13,003.42	\$16,156.49
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	\$226.92	<u>\$230.68</u>	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$159.61	\$143.47	\$578.35	\$721.82	\$881.43
Aerial Cable Investments	2421.20	\$716.07	\$643.65	\$2,594.64	\$3,238.29	\$3,954.36
Underground Cable Investments	. 2422.20	\$46.27	\$41.59	\$167.67	\$209.27	\$255.54
Buried Cable Investments	2423.20	\$1,881.94	\$1,691.59	\$6,819.08	\$8,510.67	\$10,392.61
Conduit Investments	2441.10	\$20.50	<u>\$18.42</u>	<u>\$74.27</u>	<u>\$92.69</u>	<u>\$113.19</u>
TOTAL 24XX Acco	unt	\$2,824.40	\$2,538.72	\$10,234.01	\$12,772.73	\$15,597.13

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHO

POMEROY

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.48 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Buried Cable Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
INVESTMENT LOADINGS							
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR							
		İ					
ANNUAL EXPENSE FACTORS	Ì						
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.20652	0.13303	0.03763	0.14133	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.02003	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15	<u>INVESTMENT</u>				- International Control of Contro				
16		ļ	·	ļ		[
17			\$2,468.70	\$328.68	\$288.23	\$1,293.11	\$83.30	\$438.48	\$36.90
18		(Ln 4 ° Ln 17)	\$1,552,49	\$59.87	\$188.45	\$929.22	\$59.86	\$315.09	\$0.00
19		ON	\$10,448.97	\$230.68	\$1,376.28	\$6,174.40	\$397.76	\$2,093.66	\$176.18
20			\$0.00		,	, ,	,		
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	İ]	ŀ		
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$14,470.16	\$619.24	\$1,852.97	\$8,396.72	\$540.93	\$2,847.23	\$213.08
23		·			. ,	1			
	ANNUAL OPERATING EXPENSE	s		į					
25				f			-		
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$2,086.28	\$127.88	\$257.72	\$1,197.87	\$76.48	\$398.93	\$27.39
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$531.08	\$15.91	\$69.97	\$315.93	\$19.91	\$102.48	\$6.87
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$140.65	\$38.09	\$56.05	\$30.08	\$3.23	\$11.24	\$1.97
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$232.84	\$9.96	\$29.82	\$135.11	\$8.70	\$45.81	\$3.43
30	u				·				
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,990.86						
32			•	İ		Ì			
33	COST PER MONTH	(Ln 31 / 12)	\$249.24			<i>*</i>			
34									
35		•		İ			1		
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$7.98						
37	, ,								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$257.22						
39									

Fiber Loop	POMEROY			Facility Length	3.48	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,140.02	ENGINEER COST \$1,882.85	INSTALL COST \$8,335.43	E&I TOTAL \$10,218.29	TOTAL \$12,358.30
FIBER PANEL COL	2232.23	\$164,34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	rs :	\$2,468.70	\$1,886.61	\$8,562.36	\$10,448.97	\$12,917.67
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accou	nt	\$328.68	\$3 .76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL.	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$288.23	\$253.60	\$1,122.68	\$1,376.28	\$1,664.51
Aerial Cable Investments	2421.20	\$1,293.11	\$1,137.71	\$5,036.69	\$6,174.40	\$7,467.50
Underground Cable Investments	2422.20	\$83.30	\$73.29	\$324.47	\$397.76	\$481.06
Buried Cable Investments	2423.20	\$438.48	\$385.78	\$1,707.88	\$2,093.66	\$2,532.14
Conduit Investments	2441.10	<u>\$36.90</u>	\$32.46	<u>\$143.72</u>	\$176.18	\$213.08
TOTAL 24XX Accou	nt	\$2,140.02	\$1,882.85	\$8,335.43	\$10,218.29	\$12,358.30

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PEMBERVILLE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.15 Miles

INVESTMENT / COS	ST FACTORS			Cable Term Egpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Nonmetallic	Conduit
				2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
2 INVESTMENT LOAD 3	DINGS			TO THE SECOND PROPERTY.					
4 MATERIAL LOAD	INGS			- 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FA	CTOR								
6		j							
7 ANNUAL EXPENSE	FACTORS	[
8				Ì					
9 CAPITAL RECOV	/ERY			0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10 COMPOSITE INC	OME TAX			0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11 MAINTENANCE	& SUPPORT wi	HOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12 PROPERTY TAX				0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13 SALES, ADV, MK	TG		0.03202	1					

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT		ļ					j	
16									
17	EQUIPMENT INVESTMENT		\$972.56	\$328.68	\$47.96	\$215.14	\$13.92	\$360.69	\$6.16
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$515.02	\$59.87	\$31.35	\$154.60	\$10.00	\$259.19	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$3,417.48	\$230.68	\$237.35	\$1,064.83	\$68.89	\$1,785.22	\$30.51
20	SOFTWARE		\$0.00	-			ŀ		
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	1					
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,905.06	\$619.24	\$316.66	\$1,434.57	\$92.81	\$2,405.11	\$36.68
23								,	
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$731.40	\$127.88	\$44.04	\$204.66	\$13.12	\$336.98	\$4.71
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$173.01	\$15.91	\$11.96	\$53.98	\$3.42	\$86.57	\$1.18
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$63.19	\$38.09	\$9.58	\$5.14	\$0.55	\$9.50	\$0.34
29		(Ln 12 ° Ln 22)	\$78.93	\$9.96	\$5.10	\$23.08	\$1.49	\$38.70	\$0.59
30		. [_						
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,046.54						
32	1	J							
	COST PER MONTH	(Ln 31 / 12)	\$87.21						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$2.79						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$90.00	***************************************	}				
39									

Fiber Loop	PEMBERVILLE		F	acility Length	1.15	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$643.87	ENGINEER COST \$576.10	INSTALL COST \$2,610.70	E&I TOTAL \$3,186.80	TOTAL \$3,830.67
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$ 113.46	\$ 115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	NTS	\$972.56	\$579.86	\$2,837.63	\$3,417.48	\$4,390.04
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.08	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Account		\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$47.96	\$42.91	\$194.44	\$237.35	\$285.31
Aerial Cable Investments	2421.20	\$215.14	\$192.50	\$872.33	\$1,064.83	\$1,279.97
Underground Cable Investments	2422.20	\$13.92	\$12.45	\$56.43	\$68.89	\$82.81
Buried Cable investments	2423.20	\$360.69	\$322.73	\$1,462.50	\$1,785.22	\$2,145.91
Conduit Investments	2441.10	<u>\$6.16</u>	\$5.52	<u>\$25.00</u>	\$30.5 <u>1</u>	\$36.68
TOTAL 24XX Acco	ount	\$643.87	\$576.10	\$2,610.70	\$3,186.80	\$3,830.67

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PLAIN CITY

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.45 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 7 ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 CAPITAL RECOVERY 10 COMPOSITE INCOME TAX 11 MAINTENANCE & SUPPORT WH 12 PROPERTY TAX 13 SALES, ADV, MKTG	OLESALE 0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14	INVESTMENT						_		
16				-	-		-		
17	EQUIPMENT INVESTMENT		\$2,877.31	\$328.68	\$228.19	\$1,023.71	\$65.99	\$1,201.51	\$29.23
18		(Ln 4 ° En 17)	\$1,855.51	\$59.87	\$149.19	\$735.63	\$47.42	\$863.40	\$0.00
19		` '	\$12,007.57	\$230.68	\$1,054.42	\$4,730.45	\$304.92	\$5,552.03	\$135.06
20		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$0.00	\$250.00	\$1,004.42	\$4,750.45	\$004.02	Ψ0,002.00	Ψ100.00
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$16,740.39	\$619.24	\$1,431.80	\$6,489.80	\$418.32	\$7,616.94	\$164.29
23	**	(Sum Lit 17Lit 21)	\$10,740.00	4 013.24	ψ1, 101.00]	ψ0,405.00	\$ 710.52	Ψ1,010.04	₩104.23
	ANNUAL OPERATING EXPENSE	ا ء				-			
25		<u>-</u>					ł		
26		(Ln 9 * Ln 22)	\$2,400.35	\$127.88	\$199.14	\$925.83	\$59.14	\$1,067.23	\$21.12
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$609.02	\$15.91	\$54.07	\$244.18	\$15.40	\$274.16	\$5.30
28	•	(Ln 11 ° Ln 22)	\$138.73	\$38.09	\$43.31	\$23.25	\$2.49	\$30.08	\$1.52
29		(Ln 12 ° Ln 22)	\$269.37	\$9.96	\$23.04	\$104.43	\$6.73	\$122.56	\$2.64
30		(11112 11122)	Ψ203.07	\$5.50	\$20.07	Ψ104.40	40.10	Ψ122.00	\$2.04
	TOTAL ANNUAL COST	(Sum Ln 28Ln 29)	\$3,417.47						
32		(Sum En 20cm 25)	Ψο, στι τ. στ						
	COST PER MONTH	(Ln 31 / 12)	\$284.79						
34		(450 47.0						
35			•						
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$9.12						
37	C. LEGANICI ON D. P. (100)	ien in en an	40.12						·
-	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$293.91						
39		(7	ŀ					
JJ							<u></u>		

Fiber Loop	PLAIN CITY			Facility Length	4.45	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,548.62	ENGINEER COST \$2,271.27	INSTALL. COST \$9,505.61	E&I TOTAL \$11,776.88	TOTAL \$14,325.51
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	NTS .	\$2,877.31	\$2,275.03	\$9,732.53	\$12,007.57	\$14,884.87
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0 .00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Account		\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xxxxx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$228.19	\$203.35	\$851.07	\$1,054.42	\$1,282.61
Aerial Cable Investments	2421.20	\$1,023.71	\$912.31	\$3,818.14	\$4,730.45	\$5,754.16
Underground Cable Investments	2422.20	\$65.99	\$58.81	\$246.11	\$304.92	\$370.90
Buried Cable investments	2423.20	\$1,201.51	\$1,070.76	\$4,481.28	\$5,552.03	\$6,753.54
Conduit Investments	2441.10	\$29.23	\$26.05	\$109.01	<u>\$135.06</u>	<u>\$164.29</u>
TOTAL 24XX Acco	unt	\$2,548.62	\$2,271.27	\$9,505.61	\$11,776.88	\$14,325.51

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

POLK

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.72 Miles

ſ		"	Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
ŀ	INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
2	INVESTMENT LOADINGS		5		:	:		
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR						}	
6]]						
7	ANNUAL EXPENSE FACTORS							
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESA	VLE	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT						1		
16									
17	EQUIPMENT INVESTMENT		\$1,792.11	\$328.68	\$69.20	\$310.45	\$20.09	\$1,054.79	\$8.90
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,100.61	\$59.87	\$45.24	\$223.09	\$14.43	\$757.97	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$6,963.02	\$230.68	\$318.35	\$1,428.20	\$92.41	\$4,852.44	\$40.93
20	SOFTWARE		\$0.00			1			
21	INVESTMENT FACTOR	(Ln 5° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$9,855.73	\$619.24	\$432.79	\$1,961.74	\$126.93	\$6,665.20	\$49.83
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,426.17	\$127.88	\$60.20	\$279.86	\$17.95	\$933.88	\$6.41
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$352.25	\$15.91	\$16.34	\$73.81	\$4.67	\$239.90	\$1.61
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$85.74	\$38.09	\$13.09	\$7.03	\$0.76	\$26.32	\$0.46
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$158.59	\$9.96	\$6.96	\$31.57	\$2.04	\$107.25	\$0.80
30		Į	_						
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,022.75						
32		j	j	j					
	COST PER MONTH	(Ln 31 / 12)	\$168.56						
34									
35			}						
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.40						
37									
38	TOTAL COST PER MONTH	(Ln 36 + £n 33)	\$173.96						
39									

Buried Cable Investments

Conduit Investments

Unbundled Loop Element Cost Study OHIO INVESTMENT SUMMARY

Fiber Loop	POLK		F	acility Length	2.72	Miles
SYSTEM INVESTMENT						
		MATERIAL	ENGINEER	INSTALL	E&I	
ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	COST \$1,463.43	COST \$1,318.43	COST \$5,413.91	TOTAL \$6,732.33	TOTAL \$8,195.76
12 Fluer Cable	24///.//	\$1,403.43	\$1,310. 4 3	ФЭ,413.91	Φ 0,732.33	Ф Б,190.70
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

FIBER PANEL C.Q.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
TOTAL AII ACCOUNTS		\$1,792.11	\$1,322.18	\$5,640.83	\$6,963.02	\$8,755.13
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0 .00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$ 3.76	<u>\$226.92</u>	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Account		\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$ 69.20	\$62.34	\$256.00	\$318.35	\$387.55
Aerial Cable Investments	2421.20	\$310.45	\$279.69	\$1,148.51	\$1,428.20	\$1,738.65
Underground Cable Investments	2422.20	\$20.09	\$18.10	\$74.31	\$92.41	\$112.50

\$1,054.79

\$1,463.43

\$8.90

2423.20

2441.10

TOTAL 24XX Account

\$950.28

\$1,318.43

\$8.02

\$3,902.17

\$5,413.91

\$32.92

\$4,852.44

\$6,732.33

\$40.93

\$5,907.24

\$8,195.76

\$49.83

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PROSPECT

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.81 Miles

INVESTMENT / COST FACTORS	Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 7 ANNUAL EXPENSE FACTORS	0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 CAPITAL RECOVERY 10 COMPOSITE INCOME TAX 11 MAINTENANCE & SUPPORT WHOLESALE 12 PROPERTY TAX 13 SALES, ADV, MKTG 0.0320	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	I	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
<u>NVESTMENT</u>]		1		
				1				
EQUIPMENT INVESTMENT]	\$1,377.53	\$328.68	\$101.91	\$457.22	\$29.51	\$447.14	\$13.07
MATERIAL LOADINGS	(Ln 4* Ln 17)	\$797.58	\$59.87	\$66.63	\$328.56	\$21.21	\$321.31	\$0.00
ENGINEERING & INSTALLATION	ON	\$5,291.52	\$230.68	\$491.75	\$2,206.15	\$142.39	\$2,157.48	\$63.07
SOFTWARE		\$0.00	}			Ì		
INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$7,466.63	\$619.24	\$660.30	\$2,991.92	\$193.11	\$2,925.92	\$76.14
	1					-		
ANNUAL OPERATING EXPENSES	<u>s</u>							
	1	1			İ			ŀ
CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,093.60	\$127.88	\$91.84	\$426.83	\$27.30	\$409.96	\$9.79
COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$268.30	\$15.91	\$24.93	\$112.57	\$7.11	\$105.31	\$2.46
MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$82.19	\$38.09	\$19.97	\$10.72	\$1.15	\$11.55	\$0.70
PROPERTY TAX	(Ln 12 * Ln 22)	\$120.15	\$9.96	\$10.62	\$48.14	\$3.11	\$47.08	\$1.23
]		
TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,564.22			1			
					ļ]		
COST PER MONTH	(Ln 31 / 12)	\$130.35						
SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$4.17				ļ		ļ
	Ļ							}
IDIAL COST PER MONTH	(Ln 36 + Ln 33)	\$134.53					- Andrews	
	EQUIPMENT INVESTMENT MATERIAL LOADINGS ENGINEERING & INSTALLATI SOFTWARE INVESTMENT FACTOR TOTAL INVESTMENT MINUAL OPERATING EXPENSE CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT	EQUIPMENT INVESTMENT MATERIAL LOADINGS (Ln 4 * Ln 17) ENGINEERING & INSTALLATION SOFTWARE INVESTMENT FACTOR (Ln 5 * Lns 17+19) TOTAL INVESTMENT (Sum Ln 17. Ln 21) MNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln 9 * Ln 22) COMPOSITE INCOME TAX (Ln 10 * Ln 22) MAINTENANCE & SUPPORT (Ln 11 * Ln 22) PROPERTY TAX (Ln 12 * Ln 22) COTAL ANNUAL COST (Sum Ln 26. Ln 29) COST PER MONTH (Ln 31/12) SALES/MKTG/ADV (ABC) (Ln 13 * Ln 33)	EQUIPMENT INVESTMENT MATERIAL LOADINGS ENGINEERING & INSTALLATION SOFTWARE INVESTMENT FACTOR TOTAL INVESTMENT MATERIAL LOADINGS (Ln 4*Ln 17) \$5,291.52 \$0.00 \$0.00 \$7,466.63 CAPITAL RECOVERY (Ln 9*Ln 22) COMPOSITE INCOME TAX (Ln 10*Ln 22) PROPERTY TAX (Ln 10*Ln 22) PROPERTY TAX (Ln 11*Ln 22) PROPERTY TAX (Ln 12*Ln 22) COST PER MONTH (Ln 31/12) \$130.35 \$4.17	EQUIPMENT INVESTMENT MATERIAL LOADINGS (Ln 4 * Ln 17) ENGINEERING & INSTALLATION SOFTWARE INVESTMENT FACTOR (Ln 5 * Lns 17+19) TOTAL INVESTMENT (Sum Ln 17. Ln 21) ANNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln 9 * Ln 22) COMPOSITE INCOME TAX (Ln 10 * Ln 22) MAINTENANCE & SUPPORT (Ln 11 * Ln 22) PROPERTY TAX (Ln 12 * Ln 22) **COTAL ANNUAL COST (Sum Ln 28. Ln 29) SALES/MKTG/ADV (ABC) (Ln 13 * Ln 33) \$328.68 \$1,377.53 \$328.68 \$59.87 \$230.68 \$0.00 \$0.00 \$7,466.63 \$619.24 \$1,093.60 \$127.88 \$268.30 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$7,466.63 \$127.88 \$268.30 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$15.91 \$38.09 \$1.564.22	EQUIPMENT INVESTMENT MATERIAL LOADINGS ENGINEERING & INSTALLATION SOFTWARE INVESTMENT FACTOR INVESTMENT (Sum Ln 17. Ln 21) CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT (Ln 12*Ln 22) PROPERTY TAX (Ln 12*Ln 22) COST PER MONTH (Ln 31/12) \$1,377.53 \$328.68 \$101.91 \$797.58 \$59.87 \$66.63 \$491.75 \$5,291.52 \$230.68 \$491.75 \$0.00 \$7,466.63 \$619.24 \$660.30 \$1127.88 \$91.84 \$91.84 \$268.30 \$15.91 \$24.93 \$1.093.60 \$15.91 \$24.93 \$1.093.60 \$127.88 \$91.84 \$268.30 \$15.91 \$38.09 \$19.97 \$1.002 \$1.002 \$1.003.50 \$1.002 \$1.003.50 \$1.	EQUIPMENT INVESTMENT MATERIAL LOADINGS (Ln 4* Ln 17) S797.58 \$59.87 \$66.63 \$328.56 ENGINEERING & INSTALLATION S5,291.52 SOFTWARE INVESTMENT FACTOR (Ln 5* Lns 17+19) TOTAL INVESTMENT (Sum Ln 17.Ln 21) S797.58 \$59.87 \$66.63 \$328.56 \$491.75 \$2,206.15 \$0.00 TOTAL INVESTMENT (Sum Ln 17.Ln 21) \$797.58 \$491.75 \$2,206.15 \$2,206.15 \$0.00 \$7,466.63 \$619.24 \$660.30 \$2,991.92 ANNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln 9* Ln 22) COMPOSITE INCOME TAX (Ln 10* Ln 22) PROPERTY TAX (Ln 11* Ln 22) PROPERTY TAX (Ln 12* Ln 22) \$1,093.60 \$1127.88 \$91.84 \$426.83 \$112.57 \$82.19 \$38.09 \$19.97 \$10.72 PROPERTY TAX (Ln 12* Ln 22) \$120.15 \$9.96 \$10.62 \$48.14 TOTAL ANNUAL COST (Sum Ln 28. Ln 29) \$1,564.22 SALES/MKTG/ADV (ABC) (Ln 13* Ln 33) \$4.17	EQUIPMENT INVESTMENT MATERIAL LOADINGS (Ln 4* Ln 17) \$797.58 \$59.87 \$66.63 \$328.56 \$21.21 ENGINEERING & INSTALLATION \$5,291.52 \$230.68 \$491.75 \$2,206.15 \$142.39 SOFTWARE INVESTMENT FACTOR (Ln 5* Lns 17*19) \$0.00 TOTAL INVESTMENT (Sum Ln 17.Ln 21) \$7,466.63 \$619.24 \$660.30 \$2,991.92 \$193.11 INNUAL OPERATING EXPENSES CAPITAL RECOVERY (Ln 9* Ln 22) \$268.30 \$15.91 \$24.93 \$112.57 \$7.11 MAINTENANCE & SUPPORT (Ln 11* Ln 22) \$82.19 \$38.09 \$19.97 \$10.72 \$1.15 PROPERTY TAX (Ln 12* Ln 22) \$1,003.50 COTAL ANNUAL COST (Sum Ln 26.Ln 29) \$1,564.22 COST PER MONTH (Ln 31/12) \$130.35 SALES/MKTG/ADV (ABC) (Ln 13* Ln 33) \$4.17	EQUIPMENT INVESTMENT MATERIAL LOADINGS (In 4* Ln 17) ENGINEERING & INSTALLATION SDETWARE INVESTMENT FACTOR (In 5* Lns 17*19) TOTAL INVESTMENT (Sum Ln 17*, Ln 21) ENGINEERING EXPENSES CAPITAL RECOVERY (In 9* Ln 22) COMPOSITE INCOME TAX (In 10* Ln 22) MAINTENANCE & SUPPORT (In 11* Ln 22) PROPERTY TAX (In 12* Ln 22) S1,093.60 S127.88 S91.84 S426.83 S27.30 S409.96 S127.88 S91.84 S426.83 S27.30 S409.96 S10.52 S48.14 S3.11 S47.08 SALES/MKTG/ADV (ABC) (In 13* Ln 33) S4.17

Fiber Loop	PROSPECT		F	acility Length	1.81	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,048.85	ENGINEER COST \$932.78	INSTALL COST \$4,128.06	E&I TOTAL \$5,060.84	TOTAL \$6,109.69
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$1 13.46	\$ 115. 34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	rs	\$1,377.53	\$936.53	\$4,354.99	\$5,291.52	\$6,669.05
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	\$559.36
TOTAL 2232 Accou	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$101.91	\$90.64	\$401.12	\$491.75	\$593.67
Aerial Cable Investments	2421.20	\$457.22	\$406.62	\$1,799.53	\$2,206.15	\$2,663.37
Underground Cable Investments	2422.20	\$29.51	\$26.24	\$116.15	\$142 .39	\$171.90
Buried Cable Investments	2423.20	\$447.14	\$397.65	\$1,759.83	\$2,157.48	\$2,604.62
Conduit Investments	2441.10	\$ 13.07	\$11.62	<u>\$51.45</u>	\$63.07	<u>\$76.14</u>
TOTAL 24XX Account		\$1,048.85	\$932.78	\$4,128.06	\$5,060.84	\$6,109.69

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PROCTORVILLE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.17 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS	-						
2 INVESTMENT LOADINGS	-	Į					
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR							
6	Ì						
7 ANNUAL EXPENSE FACTORS							
8 9 CAPITAL RECOVERY	ļ	0.20652	0,13909	0.14266	0.14139	0.14011	0.12854
O COMPOSITE INCOME TAX		0.20032	0.13909			0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025				0.00925
2 PROPERTY TAX	Ì	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT								
16 17			\$2,380.79	\$328.68	\$339.56	\$1,523.37	\$98.14	\$47.57	\$43.47
18		(Ln 4* Ln 17)	\$1,481.27	\$59.87	\$222.01	\$1,094.68	\$70.52	\$34.18	\$0.00
19		. ,	\$10,308.80	\$230.68	\$1,667.62	\$7,481.42	\$481.98	\$233.61	\$213.49
20		···	\$0.00	V200.00	V1,001.02	V7,1011112	V107100	V200.0 1	V 2.0
21		(Ln 5 * Lns 17+19)	\$0.00	ļ			ļ		
22		(Sum Ln 17Ln 21)	\$14,170.86	\$619.24	\$2,229.18	\$10,099.46	\$650.65	\$315.37	\$256.96
23		,			, ,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,
	ANNUAL OPERATING EXPENSE	s	1	1					
25	• · · · · · · · · · · · · · · · · · · ·								
26		(Ln 9 ° Ln 22)	\$2,047.93	\$127.88	\$310.05	\$1,440.79	\$91.99	\$44.19	\$33.03
27		(Ln 10 * Ln 22)	\$523.68	\$15.91	\$84.18	\$380.00	\$23.95	\$11.35	\$8.29
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$149.20	\$38.09	\$67.42	\$36.18	\$3.88	\$1.25	\$2.38
29	1	(Ln 12 * Ln 22)	\$228.02	\$9.96	\$35.87	\$162.51	\$10.47	\$5.07	\$4.13
30					٠	·			
31	TOTAL ANNUAL COST	(Sum Ln 26. Ln 29)	\$2,948.83	j					
32	2								
33	COST PER MONTH	(Ln 31 / 12)	\$245.74						
34	:	•							
35	5								
36	S'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$7.87						
37	,								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$253.60				į		
39									'

Fiber Loop	PROCTORVILLE		F	acility Length	3.17	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,052.11	ENGINEER COST \$1,788.35	INSTALL COST \$8,289.77	E&I TOTAL \$10,078.12	TOTAL \$12,130.23
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS BREAKOUT OF 2232.xx INVESTMENT		\$2,380.79	\$1,792.10	\$8,516.70	\$10,308.80	\$12,689.59
		MATERIAL	ENGINEER	INSTALL	E& I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	<u>\$230.68</u>	\$559.36
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$339.56	\$295.92	\$1,371.70	\$1,667.62	\$2,007.17
Aerial Cable Investments	2421.20	\$1,523.37	\$1,327.57	\$6,153.85	\$7,481.42	\$9,004.78
Underground Cable Investments	2422.20	\$98.14	\$85.53	\$396.46	\$481.98	\$580.13
Buried Cable Investments	2423.20	\$47.57	\$41.45	\$192.16	\$233.61	\$281.18
Conduit Investments	2441.10	\$43.47	\$37.88	\$175.61	<u>\$213.49</u>	\$256.96
TOTAL 24XX Acco	ount	\$2.052.11	\$1,788,35	\$8,289,77	\$10.078.12	\$12,130,23

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PLEASANTVILLE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.93 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 INVESTMENT LOADINGS 3 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 ANNUAL EXPENSE FACTORS		₋ 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 CAPITAL RECOVERY 10 COMPOSITE INCOME TAX 11 MAINTENANCE & SUPPORT WHOLESALE 12 PROPERTY TAX 13 SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14		i					-		
15	INVESTMENT								-
16									
17	EQUIPMENT INVESTMENT		\$1,463.99	\$328.68	\$121.29	\$544.16	\$35.15	\$419.15	\$15.57
18	MATERIAL LOADINGS	(Ln 4 * En 17)	\$856.66	\$59.87	\$79.30	\$391.03	\$25.26	\$301.20	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$5,714.57	\$230.68	\$585.88	\$2,628.43	\$169.76	\$2,024.62	\$75.19
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$8,035.22	\$619.24	\$786.48	\$3,563.62	\$230.16	\$2,744.97	\$90.76
23							ļ		
	ANNUAL OPERATING EXPENSE	<u>\$</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,174.47	\$127.88	\$109.39	\$508.38	\$32.54	\$384.60	\$11.67
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$289.89	\$15.91	\$29.70	\$134.08	\$8.47	\$98.80	\$2.93
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$87.69	\$38.09	\$23.79	\$12.77	\$1.37	\$10.84	\$0.84
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$129.29	\$9.96	\$12.66	\$57.34	\$3.70	\$44.17	\$1.46
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,681.35						
32									
	COST PER MONTH	(Ln 31 / 12)	\$140.11						
34									
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$4.49						
37		Ĺ							
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$144.60						
39									
		<u>'</u>						······································	

Fiber Loop	PLEASANTVILLE		F	acility Length	1.93	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,135.31	ENGINEER COST \$1,006.96	INSTALL COST \$4,476.92	E&I TOTAL \$5,483.89	TOTAL \$6,619.20
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$1 15.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$1,463.99	\$1,010.72	\$4,703.85	\$5,714.57	\$7,178.56
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL		INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accord	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$121.29	\$107.58	\$478.30	\$585.88	\$707.17
Aerial Cable Investments	2421.20	\$544.16	\$482.64	\$2,145.79	\$2,628.43	\$3,172.59
Underground Cable Investments	2422.20	\$35.15	\$31.17	\$138.59	\$169.76	\$204 .91
Buried Cable investments	2423.20	\$419.15	\$371.76	\$1,652.85	\$2,024.62	\$2,443.77
Conduit Investments	2441.10	<u>\$15.57</u>	<u>\$13.81</u>	<u>\$61.39</u>	<u>\$75.19</u>	<u>\$90.76</u>
TOTAL 24XX Accor	unt	\$1,135.31	\$1,006.96	\$4,476.92	\$5,483.89	\$6,619.20

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PUT-IN-BAY

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.27 Miles

ſ			Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
	INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
▗┞			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
2 1	NVESTMENT LOADINGS				:			
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
6							İ	
7	ANNUAL EXPENSE FACTORS							
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT								
16			A4 454 07	*****	#420.C0	CCCC 40	640.45	60.00	647.70
17			\$1,154.37	\$328.68	\$138.68	\$622.18	\$40.15	\$6.89	\$17.79
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$631.45	\$59.87	\$90.67	\$447.09	\$28.85	\$4.95	\$0.00
19		ON	\$4,489.42	\$230.68	\$715.30	\$3,209.05	\$207.10	\$35.55	\$91.73
20			\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00		2011.00	212524	20=0.14	2/- /2	4.00.00
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$6,275.24	\$619.24	\$944.66	\$4,278.31	\$276.11	\$47.40	\$109.52
23		_				-			
	ANNUAL OPERATING EXPENSE	<u>s</u>				į	1		
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$929.37	\$127.88	\$131.39	\$610.34	\$39.04	\$6.64	\$14.08
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$227.96	\$15.91	\$35.67	\$160.97	\$10.16	\$1.71	\$3.53
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$84.83	\$38.09	\$28.57	\$15.33	\$1.65	\$0.19	\$1.01
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$100.97	\$9.96	\$15.20	\$68.84	\$4.44	\$0.76	\$1.76
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,343.14						
32									
	COST PER MONTH	(Ln 31 / 12)	\$111.93						
34						Ì			
35			l					1	
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$3.58						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$115.51						
39		1				1			

Fiber Loop	PUT-IN-BAY		F	acility Length	1.27	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$825.69	ENGINEER COST \$718.98	INSTALL COST \$3,539.75	E&i TOTAL \$4,258.73	TOTAL \$5,084.43
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 13.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$27 9.68

TOTAL all ACCOUN	TS ;	\$1,154.37	\$722.74	\$3,766.67	\$4,489.42	\$5,643.79
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&J	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accou	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$138.68	\$120.76	\$594.54	\$715.30	\$853.98
Aerial Cable investments	2421.20	\$622.18	\$541.77	\$2,667.28	\$3,209.05	\$3,831.22
Underground Cable Investments	2422.20	\$40.15	\$34.96	\$172.14	\$207.10	\$247.26
Buried Cable Investments	2423.20	\$6.89	\$6.00	\$29.55	\$35.55	\$42.45
Conduit Investments	2441.10	\$ 17.79	\$15.49	\$76.25	\$91.73	<u>\$109.52</u>
TOTAL 24XX Acco	unt	\$825.69	\$718.98	\$3,539.75	\$4,258.73	\$5,084.43

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PORTLAND

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 5.46 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Buried Cable Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 INVESTMENT LOADINGS							
3 4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR 6							
7 ANNUAL EXPENSE FACTORS							
8 SARITAL BESS VERV		0.00050	0.42000	0.44000	0.44400	0.44044	0.40054
9 CAPITAL RECOVERY	-	0.20652	0.13909	0.14266	0.14139		0.12854
0 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14		·-			_				
15	<u>INVESTMENT</u>								
16									
17	EQUIPMENT INVESTMENT	ľ	\$3,079.40	\$328.68	\$0.37	\$1.65	\$0.00	\$2,748.70	\$0.00
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$2,036.50	\$59.87	\$0.24	\$1.19	\$0.00	\$1,975.20	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$12,305.98	\$230.68	\$1.61	\$7.24	\$0.00	\$12,066.44	\$0.00
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5" Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$17,421.88	\$619.24	\$2.22	\$10.08	\$0.00	\$16,790.34	\$0.00
23		_							
	ANNUAL OPERATING EXPENSE	<u>S</u>							
25			******	4407.00	* 0.04		** **	40.050.50	***
26		(Ln 9° Ln 22)	\$2,482.16	\$127.88	\$0.31	\$1.44	\$0.00	\$2,352.53	\$0.00
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$620.72	\$15.91	\$0.08	\$0.38	\$0.00	\$604.34	\$0.00
28	f.	(Լո 11 * Լո 22)	\$104.49	\$38.09	\$0.07	\$0.04	\$0.00	\$66.30	\$0.00
29		(Ln 12 ° Ln 22)	\$280.34	\$9.96	\$0.04	\$0.16	\$0.00	\$270.17	\$0.00
30			#2 407 70						
32	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$3,487.70						
	COST PER MONTH	(Ln 31 / 12)	\$290.64						
34		(0131712)	₩230.0T						
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$9.30						
37		ten io en oot	₩0.00						
-	TOTAL COST PER MONTH	(Ln: 36 + Ln: 33)	\$299.95						
39		, ,							
00	<u> </u>				<u></u>			<u> </u>	

OHIO

GTE COMPANY

Fiber Loop	PORTLAND		F	acility Length	5.46	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,750.72	ENGINEER COST \$2,505.64	INSTALL COST \$9,569.66	E&I TOTAL \$12,075.30	TOTAL \$14,826.02
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
TOTAL all ACCOUNTS	, -	\$3,079.40	\$2,509.40	\$9,796.58	\$12,305.98	\$15,385.38
BREAKOUT OF 2232 xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	EAI	

TOTAL all ACCOU	TOTAL all ACCOUNTS		\$2,509.40	\$9,796.58	\$12,305.98	\$15,385.38
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0 .00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0 .00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$0.37	\$0.34	\$1.28	\$1.61	\$1.98
Aerial Cable Investments	2421.20	\$1.65	\$1.50	\$5.74	\$7.24	\$8.89
Underground Cable Investments		\$0.00	\$0.00	\$0.00	\$0.00	
Buried Cable Investments	2423.20	\$2,748.70	\$2,503.81	\$9,562.64	\$12,066.44	\$14,815.14
Conduit Investments	2441.10	<u>\$0.00</u>	\$0.00	\$0.00	\$0.00	
TOTAL 24XX Acco	ount	\$2,750.72	\$2,505.64	\$9,569.66	\$ 12,075.30	\$14,826.02

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PORTSMOUTH

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.27 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 3	NVESTMENT LOADINGS							
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 6	INVESTMENT FACTOR	l l						
7	ANNUAL EXPENSE FACTORS							
8]						
9	CAPITAL RECOVERY	i l	0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX	1	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE	ļ	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX	1	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

I	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT	}	}						l
16									
17	EQUIPMENT INVESTMENT	Ï	\$1,152.35	\$328.68	\$137.16	\$615.33	\$39.73	\$13.85	\$17.60
18	MATERIAL LOADINGS	(Ln 4° Ln 17)	\$630.23	\$59.87	\$89.68	\$442.17	\$28.55	\$9.95	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$4,485.64	\$230.68	\$708.54	\$3,178.72	\$205.26	\$71.53	\$90.92
20	SOFTWARE	Į	\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$6,268.21	\$619.24	\$935.37	\$4,236.22	\$273.54	\$95.33	\$108.52
23		i	•						
	ANNUAL OPERATING EXPENSE	<u>s</u>	İ						
25		Ī				_			
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$928.30	\$127.88	\$130.10	\$604.34	\$38.68	\$13.36	\$13.95
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$227.62	\$15.91	\$35.32	\$159.39	\$10.07	\$3.43	\$3.50
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$84.57	\$38.09	\$28.29	\$15.18	\$1.63	\$0.38	\$1.00
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$100.86	\$9.96	\$15.05	\$68.17	\$4.40	\$1.53	\$1.75
30		1							
- 1	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,341.35						
32			A.44 A						
	COST PER MONTH	(Ln 31 / 12)	\$111.78		ļ				
34		·							
35	10.11 50.114550(1.014.4.00)		** **						
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$3.58					:	
37	TATAL AART DED MANTU		6448.58						
1	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$115.36						
39			<u>.</u>						

Fiber Loop	PORTSMOUTH		F	acility Length	1.27	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$823.67	ENGINEER COST \$717.56	INSTALL COST \$3,537.40	E&I TOTAL \$4,254.96	TOTAL \$5,078.62
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$1,152.35	\$721.31	\$3,764.32	\$4,485.64	\$5,637.99
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accou	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$137.16	\$119.49	\$589.05	\$708.54	\$845.70
Aerial Cable Investments	2421.20	\$615.33	\$536.06	\$2,642.66	\$3,178.72	\$3,794.05
Underground Cable Investments	2422.20	\$39.73	\$34.61	\$170.64	\$205.26	\$244.99
Buried Cable Investments	2423.20	\$13.85	\$12.06	\$59.47	\$ 71.53	\$85.38
Conduit Investments	2441.10	\$17.60	\$15.33	\$75.58	\$90.92	\$108.52
TOTAL 24XX Accoun	nt	\$823.67	\$717.56	\$3,537.40	\$4,254.96	\$5,078.62

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PORT WILLIAM

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.09 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5			0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT								ļ
16		Į					•		
17	EQUIPMENT INVESTMENT		\$2,470.06	\$328.68	\$60.18	\$269.97	\$17.42	\$1,786.10	\$7.71
18		(Ln 4 ° Ln 17)	\$1,589.22	\$59.87	\$39.34	\$194.00	\$12.52	\$1,283.48	\$0.00
19		ON	\$9,837.59	\$230.68	\$269.97	\$1,211.16	\$78.14	\$8,013.03	\$34.61
20			\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00	4040.04	4000 (0	44.075.40	2400.07	014 000 04	\$40.00
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$13,896.87	\$619.24	\$369.49	\$1,675.13	\$108.07	\$11,082.61	\$42.33
23									
	ANNUAL OPERATING EXPENSE	<u>s</u>	}						
25 26			£1 001 70	\$127.88	\$51.39	\$238.97	\$15.28	\$1,552.81	\$5.44
27	COMPOSITE INCOME TAX	(Ln 9 ° Ln 22)	\$1,991.78 \$407.44	\$127.00 \$15.91	\$13.95	\$63.03	\$3.98	\$398.90	\$5.44 \$1.37
28		(Ln 10 ° Ln 22)	\$497.14 (\$100.06)	\$38.09	\$13.93 \$11.18	\$6.00	\$3.96 \$0.64	\$43.76	\$0.39
29		(Ln 11 ° Ln 22)	\$100.00	\$9.96	\$5.95	\$26.95	\$1.74	\$43.70 \$178.33	\$0.59 \$0.68
30	T .	(Ln 12 ° Ln 22)	Ψ223.01	45.50	\$0.50	\$20.50	ψ1,1 -1	\$170.55	φυ.ου
	TOTAL ANNUAL COST	(Sum Ln 26. Ln 29)	\$2,812.59						
32		(Suit Li) 20(11 25)	Ψ2,012.00						1
	COST PER MONTH	(Ln 31 / 12)	\$234.38						
34		(=,	4-0						
35									}
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$7.50						
37		·a	***						
-	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$241.89						
39									
JU	L					<u></u> _		 -	

GTE COMPANY

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	PORT WILLIAM		F	acility Length	4.09	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,141.38	ENGINEER COST \$1,938.13	INSTALL COST \$7,668.77	E&I TOTAL \$9,606.91	TOTAL \$11,748.29
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113,46	\$1 15.3 4	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$2,470.06	\$1,941.89	\$7,895.70	\$9,837.59	\$12,307.66
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL.	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230.68	\$55 <u>9.36</u>
TOTAL 2232 Accou	int	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$60.18	\$54.46	\$215.50	\$269.97	\$330.15
Aerial Cable Investments	2421.20	\$269.97	\$244.34	\$966.82	\$1,211.16	\$1,481 .13
Underground Cable Investments	2422.20	\$17.42	\$15.76	\$62.38	\$78.14	\$95.56
Buried Cable Investments	2423.20	\$1,786.10	\$1,616.58	\$6,396.45	\$8,013.03	\$9,799.13
Conduit Investments	2441.10	<u>\$7.71</u>	\$6.9 8	\$27.63	\$34.61	<u>\$42.33</u>
TOTAL 24XX Accou	int	\$2,141.38	\$1,938.13	\$7,668.77	\$9,606.91	\$11,748.29

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

PERRYSVILLE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.81 Miles

INVESTMENT / COST FACTORS	Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 7 ANNUAL EXPENSE FACTORS	- 0.18216	0.65381	0.71859		0.71859	0.00000
8 9 CAPITAL RECOVERY 10 COMPOSITE INCOME TAX 11 MAINTENANCE & SUPPORT WHOLESALE 12 PROPERTY TAX 13 SALES, ADV, MKTG 0.03	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609		0.03681 0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14							j		
15	<u>INVESTMENT</u>						1	440	į
16									i
17	EQUIPMENT INVESTMENT		\$1,841.00	\$328.68	\$71.88	\$322.46	\$20.75	\$1,088.04	\$9.19
18	MATERIAL LOADINGS	(Ln 4* Ln 17)	\$1,135.36	\$59.87	\$46.99	\$231.72	\$14.91	\$781.86	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$7,178.56	\$230.68	\$330.22	\$1,481.44	\$95.34	\$4,998.64	\$42.23
20	SOFTWARE		\$0.00			1]		
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$10,154.92	\$619.24	\$449.09	\$2,035.62	\$131.01	\$6,868.54	\$51.42
23									
24	ANNUAL OPERATING EXPENSE	<u>s</u>							1
25							1		ļ
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,468.24	\$127.88	\$62.46	\$290.40	\$18.52	\$962.36	\$6.61
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$363.17	\$15.91	\$16.96	\$76.59	\$4.82	\$247.22	\$1.66
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$87.34	\$38.09	\$13.58	\$7.29	\$0.78	\$27.12	\$0.48
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$163.40	\$9.96	\$7.23	\$32.76	\$2.11	\$1 10.52	\$0.83
30									ŀ
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,082.15						
32									
33	COST PER MONTH	(Ln 31 / 12)	\$173.51						
34						-]		1
35							1		ļ
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$5.56]
37				ļ					
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$179.07						
39									

Unbundled Loop Element Cost Study OHIO

INVESTMENT SUMMARY

Fiber Loop	PERRYSVILLE		F	acility Length	2.81	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,512.32	ENGINEER COST \$1,362.39	INSTALL COST \$5,585.48	E&I TOTAL \$6,947.88	TOTAL \$8,460.20
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 13. 4 6	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$1,841.00	\$1,366.15	\$5,812.41	\$7,178.56	\$9,019.56
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559,36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$71.88	\$64.75	\$265.46	\$330.22	\$402.09
Aerial Cable Investments	2421.20	\$322.46	\$290.49	\$1,190.95	\$1,481.44	\$1,803.91
Underground Cable Investments	2422.20	\$20.75	\$18.70	\$76.65	\$95.34	\$116.10
Buried Cable Investments	2423.20	\$1,088.04	\$980.17	\$4,018.47	\$4,998.64	\$6,086.68
Conduit Investments	2441.10	\$ 9.19	<u>\$8.28</u>	\$33.95	\$42.23	<u>\$51.42</u>
TOTAL 24XX Acco	unt	\$1,512.32	\$1,362.39	\$5,585.48	\$6,947.88	\$8,460.20

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RACINE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.83 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411,10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6 7	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859		0.71859	0.00000
8 9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
- 1	INVESTMENT						The state of the s		
16 17	EQUIPMENT INVESTMENT		\$2,054.73	\$328.68	\$223.66	\$1,003.42	\$64.84	\$405.40	\$28.72
18 19	ENGINEERING & INSTALLATION	(Ln 4 ° Ln 17) ON	\$1,265.07 \$8,512.00	\$59.87 \$230.68	\$146.23 \$1,073.10	\$721.05 \$4,814.25	\$46.59 \$311.10	\$291.32 \$1,945.07	\$0.00 \$137.80
20 21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00 \$0.00						
22 23		(Sum Ln 17Ln 21)	\$11,831.80	\$619.24	\$1,443.00	\$6,538.71	\$422.53	\$2,641.80	\$166.52
24 25	ANNUAL OPERATING EXPENSE	<u>s</u>						And	
26	•	(Ln 9 * Ln 22)	\$1,712.69	\$127.88	\$200.70	\$932.81	\$59.74	\$370.15	\$21.40
27		(Ln 10 ° Ln 22)	\$432.44	\$15.91	\$54.49	\$246.02	\$15.55	\$95.09	\$5.37
28 29 30	PROPERTY TAX	(i.n 11 ° i.n 22) (i.n 12 ° i.n 22)	\$119.65 \$190.39	\$38.09 \$9.96	\$43.65 \$23.22	\$23.43 \$105.21	\$2.52 \$6.80	\$10.43 \$42 .51	\$1.54 \$2.68
31 32	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,455.16						
34		(Ln 31 / 12)	\$204.60						
35 36 37	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$6.55					:	
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$211.15						

GTE COMPANY

Fiber Loop	RACINE		F	acility Length	2.83	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,726.05	ENGINEER COST \$1,520.93	INSTALL COST \$6,760.38	E&I TOTAL \$8,281.32	TOTAL \$10,007.36
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	ITS .	\$2,054.73	\$1,524.69	\$6,987.31	\$8,512.00	\$10,566.73
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCG ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$223.66	\$197.08	\$876.02	\$1,073.10	\$1,296.76
Aerial Cable Investments	2421.20	\$1,003.42	\$884.18	\$3,930.07	\$4,814.25	\$5,817.66
Underground Cable Investments	2422.20	\$64.84	\$57.14	\$253.96	\$311.10	\$375.94
Buried Cable Investments	2423.20	\$405.40	\$357.23	\$1,587.84	\$1,945.07	\$2,350.48
Conduit Investments	2441.10	\$28,72	\$25.31	\$112.49	\$137.80	<u>\$166.52</u>
TOTAL 24XX Acco	unt	\$1,726.05	\$1,520.93	\$6,760.38	\$8,281.32	\$10,007.36

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RICHMOND

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 6.22 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.14139 0.03681 0.00596 0.01609	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	INVESTMENT								1
16		ļ	l				Į		1
17	EQUIPMENT INVESTMENT		\$4,132.41	\$328.68	\$499.19	\$2,239.52	\$144.53	\$856.47	\$64.02
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$2,714.87	\$59.87	\$326.38	\$1,609.31	\$103.86	\$615.45	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$18,088.27	\$230.68	\$2,343.59	\$10,514.02	\$678.52	\$4,020.92	\$300.54
20	SOFTWARE		\$0.00						l
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$24,935.55	\$619.24	\$3,169.16	\$14,362.86	\$926.90	\$5,492.84	\$364.56
23			1	1			-		
	ANNUAL OPERATING EXPENSES	<u>s</u> (ļ						
25		į							
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$3,565.20	\$127.88	\$440.79	\$2,049.00	\$131.05	\$769.61	\$46.86
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$919.58	\$15.91	\$119.67	\$540.41	\$34.12	\$197.71	\$11.76
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$215.99	\$38.09	\$95.86	\$51.46	\$5.53	\$21.69	\$3.37
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$401.24	\$9.96	\$50.99	\$231.11	\$14.91	\$88.39	\$5.87
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$5,102.01						
32			<u> 1</u>]	i		
	COST PER MONTH	(Ln 31 / 12)	\$425.17						
34									
35							1		
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$13.61						
37									
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$438.78						
39						ļ			

Fiber Loop	RICHMOND		ſ	Facility Length	6.22	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$3,803.73	ENGINEER COST \$3,350.07	INSTALL COST \$14,507.52	E&I TOTAL \$17,857.59	TOTAL \$21,661.32
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	NTS -	\$4,132.41	\$3,353.83	\$14,734.45	\$18,088.27	\$22,220.68
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Account		\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$499.19	\$439.65	\$1,903.93	\$2,343.59	\$2,842.78
Aerial Cable Investments	2421.20	\$2,239.52	\$1,972.42	\$8,541.60	\$10,514.02	\$12,753.55
Underground Cable Investments	2422.20	\$144.53	\$127.29	\$551.23	\$678.52	\$823.05
Buried Cable Investments	2423.20	\$856.47	\$754.32	\$3,266.60	\$4,020.92	\$4,877.39
Conduit Investments	2441.10	\$64.02	\$ 56.38	<u>\$244.16</u>	\$300.54	\$364.5 <u>6</u>
TOTAL 24XX Acco	ount	\$3,803.73	\$3,350.07	\$14,507.52	\$17,857.59	\$21,661.32

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RICHWOOD

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 0.96 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441,00
1 2 3 4	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
6 7 8	ANNUAL EXPENSE FACTORS							
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>						1.1		
17	1		\$862.15	\$328.68	\$37.04	\$166.19	\$10.72	\$314.77	\$4.75
18	MATERIAL LOADINGS	(Ln 4° Ln 17)	\$437.41	\$59.87	\$24.22	\$119.42	\$7.70	\$226.19	\$0.00
19	,		\$2,916.86	\$230.68	\$186.52	\$836.80	\$53.97	\$1,584.98	\$23.91
20			\$0.00						
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00	1					1
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,216.41	\$619.24	\$247.79	\$1,122.41	\$72.39	\$2,125.94	\$28.65
23				1					
24		<u>s</u>							
25				i					1
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$634.26	\$127.88	\$34.46	\$160.12	\$10.24	\$297.87	\$3.68
27		(Ln 10 ° Ln 22)	\$147.61	\$15.91	\$9.36	\$42.23	\$2.66	\$76.52	\$0.92
28		(Լո 11 * Լո 22)	\$58.69	\$38.09	\$7.49	\$4.02	\$0.43	\$8.39	\$0.27
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$67.85	\$9.96	\$3.99	\$18.06	\$1.16	\$34.21	\$0.46
30									
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$908.40						
32									
	COST PER MONTH	(Ln 31 / 12)	\$75.70						
34	I .							İ	
35	1								
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$2.42						
37									
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$78.12						
39									

Fiber Loop	RICHWOOD		F	Facility Length		Miles	
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$533.46	ENGINEER COST \$477.93	INSTALL COST \$2,208.25	E&I TOTAL \$2,686.18	TOTAL \$3,219.64	
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68	
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68	

TOTAL all ACCOUN	its :	\$862.15	\$481.69	\$2,435.17	\$2,916.86	\$3,779.01
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	<u>\$226.92</u>	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Account		\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$37.04	\$33.19	\$153.34	\$186.52	\$223.57
Aerial Cable investments	2421.20	\$166.19	\$148.89	\$687.92	\$836.80	\$1,002.99
Underground Cable Investments	2422.20	\$10.72	\$9.60	\$44.37	\$53.97	\$64.69
Buried Cable Investments	2423.20	\$314.77	\$282.00	\$1,302.97	\$1,584.98	\$1,899.74
Conduit Investments	2441.10	\$4.75	\$4.25	\$19.65	\$23.91	\$28.6 <u>5</u>
TOTAL 24XX Acco	unt	\$533.46	\$477.93	\$2,208.25	\$2,686.18	\$3,219.64

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

REDHAW

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.9 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt	Poles	Aerial Cable Nonmetallic	Ungnd Cable Nonmetallic	Buried Cable Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
INVESTMENT LOADINGS		,					
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.0000
INVESTMENT FACTOR							
ANNUAL EXPENSE FACTORS							
						[
CAPITAL RECOVERY	Ì	0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
SALES, ADV, MKTG	0.03202						

CALCULATION OF MONTHLY O	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 INVESTMENT				A PARTY NAMED IN COLUMN TO THE PARTY NAMED IN		1	- Andrews Address (Section 2)	
16								
17 EQUIPMENT INVESTMENT		\$2,343.16	\$328.68	\$37.07	\$166.30	\$10.65	\$1,795.74	\$4.72
18 MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$1,501.67	\$59.87	\$24.24	\$119.50	\$7.65	\$1,290.41	\$0.00
19 ENGINEERING & INSTALLAT	ION	\$9,238.71	\$230.68	\$165.75	\$743.62	\$47.63	\$8,029.91	\$21.10
20 SOFTWARE		\$0.00	İ		1			
21 INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22 TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$13,083.54	\$619.24	\$227.06	\$1,029.42	\$65.94	\$11,116.06	\$25.82
23								
24 ANNUAL OPERATING EXPENSE	S		Í					
25					1			
26 CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,876.46	\$127.88	\$31.58	\$146.86	\$9.32	\$1,557.49	\$3.32
27 COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$466.58	\$15.91	\$8.57	\$38.73	\$2.43	\$400.11	\$0.83
28 MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$93.17	\$38.09	\$6.87	\$3.69	\$0.39	\$43.89	\$0.24
29 PROPERTY TAX	(Ln 12 * Ln 22)	\$210.53	\$9.96	\$3.65	\$16.56	\$1.06	\$178.87	\$0.42
30			1					
31 TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,646.74						
32								
33 COST PER MONTH	(Ln 31 / 12)	\$220.56	ļ					
34								
35			Í					
36 SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$7.06				į		
37								
38 TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$227.62						
39								

GTE COMPANY

Fiber Loop	REDHAW	F	Facility Length		Miles	
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST - \$2,014.48	ENGINEER COST \$1,827.41	INSTALL COST \$7,180.61	E&I TOTAL \$9,008.02	TOTAL \$11,022.50
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	. \$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOU	TS.	\$2,343.16	\$1,831.17	\$7,407.54	\$9,238.71	\$11,581.87
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Account		\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$37.07	\$33.63	\$132.13	\$165.75	\$202.82
Aerial Cable Investments	2421.20	\$166.30	\$150.86	\$592.77	\$743.62	\$909.92
Underground Cable Investments	2422.20	\$10.65	\$9.66	\$37.97	\$47.63	\$58.29
Buried Cable Investments	2423.20	\$1,795.74	\$1,628.99	\$6,400.92	\$8,029.91	\$9,825.65
Conduit Investments	2441.10	<u>\$4.72</u>	<u>\$4.28</u>	<u>\$16.82</u>	\$21.10	<u>\$25.82</u>
TOTAL 24XX Acco	ount	\$2,014.48	\$1,827.41	\$7,180.61	\$9,008.02	\$11,022.50

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RADNOR

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 2.28 Miles

inve	ESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 M 5 IN 6	ESTMENT LOADINGS NATERIAL LOADINGS NVESTMENT FACTOR NUAL EXPENSE FACTORS		-0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
10 C 11 M 12 P	APITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WITH TAX ROPERTY TAX MALES, ADV, MKTG	HOLESALE 0.03	0.20652 0.02569 0.06151 0.01609	0.03776 0.03025	0.00358	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	<u>INVESTMENT</u>								
16		i	A4 557 40	****	450.50	****	247.04	0077.00	
17	EQUIPMENT INVESTMENT		\$1,557.40	\$328.68	\$59.50	\$266.93	\$17.31	\$877.32	\$7.67
18	•		\$933.46	\$59.87	\$38.90	\$191.81	\$12.44	\$630.44	\$0.00
19		ON	\$5,936.30	\$230.68	\$276.28	\$1,239.48	\$80.37	\$4,073.89	\$35.60
20			\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$8,427.17	\$619.24	\$374.68	\$1,698.22	\$110.11	\$5,581.66	\$43.26
23]							
	ANNUAL OPERATING EXPENSE	<u>\$</u>	ļ				İ		İ
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,225.45	\$127.88	\$52.11	\$242.27	\$15.57	\$782.06	\$5.56
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$300.31	\$15.91	\$14.15	\$63.90	\$4.05	\$200.90	\$1.40
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$78.60	\$38.09	\$11.33	\$6.08	\$0.66	\$22.04	\$0.40
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$135.60	\$9.96	\$6.03	\$27.33	\$1.77	\$89.81	\$0.70
30			Ì						
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,739.96					į	
32			İ	1					
33	COST PER MONTH	(Ln 31 / 12)	\$145.00						
34						ļ			
35					1		•		
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$4.64						
37	, ,				Ì				
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$149.64						
39		ľ							
		لـــــــــــــــــــــــــــــــــــــ				الــــــا			

Fiber Loop	RADNOR		F	acility Length	2.28	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,228.72	ENGINEER COST \$1,106.67	INSTALL COST \$4,598.96	E&I TOTAL \$5,705.62	TOTAL \$6,934.34
FIBER PANEL CDL	2232.23	\$ 164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL ail ACCOUN	its -	\$1,557.40	\$1,110.42	\$4,825.88	\$5,936.30	\$7,493.71
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$59.50	\$53.59	\$222.69	\$276.28	\$335.78
Aerial Cable Investments	2421.20	\$266.93	\$240.41	\$999.07	\$1,239.48	\$1,506.41
Underground Cable Investments	2422.20	\$17.31	\$15.59	\$64.78	\$80.37	\$97.67
Buried Cable Investments	2423.20	\$877.32	\$790.17	\$3,283.72	\$4,073.89	\$4,951.22
Conduit Investments	2441.10	\$ 7.67	\$6.90	<u>\$28.69</u>	\$35.60	\$43.26
TOTAL 24XX Acco	unt	\$1,228.72	\$1,106.67	\$4,598.96	\$5,705.62	\$6,934.34

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RUSSELLVILLE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 0.8 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
INVESTMENT LOADINGS							
MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR		-					
ANNUAL EXPENSE FACTORS							
CAPITAL RECOVERY	1	0.20652	0.13909	0.14266	0.14139	0.14011	0.1285
COMPOSITE INCOME TAX		0.02569	0.03776		1	0.03599	0.03226
MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358		1	0.0092
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609		0.0160
SALES, ADV, MKTG	0.03202	1					

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
	<u>INVESTMENT</u>								
16		- 1				1	ľ		ľ
17	EQUIPMENT INVESTMENT		\$835.98	\$328.68	\$77.75	\$348.81	\$22.49	\$48.29	\$9.96
18	"	(Ln 4 * Ln 17)	\$412.22	\$59.87	\$50.83	\$250.65	\$16.16	\$34.70	\$0.00
19		ON	\$3,018.88	\$230.68	\$427.32	\$1,917.08	\$123.61	\$265.44	\$54.75
20	SOFTWARE	1	\$0.00			j			
21	INVESTMENT FACTOR	(Ln 5° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$4,267.09	\$619.24	\$555.90	\$2,516.54	\$162.26	\$348.43	\$64.71
23		_							
	ANNUAL OPERATING EXPENSE	<u>s</u>							-
25		ĺ							
26		(Ln 9 ° Ln 22)	\$644.29	\$127.88	\$77.32	\$359.01	\$22.94	\$48.82	\$8.32
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$152.19	\$15.91	\$20.99	\$94.69	\$5.97	\$12.54	\$2.09
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$66.86	\$38.09	\$16.81	\$9.02	\$0.97	\$1.38	\$0.60
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$68.66	\$9.96	\$8.95	\$40.49	\$2.61	\$5.61	\$1.04
30			6000.00						1
31 32	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$932.00						1
	COST PER MONTH		\$77.67						
		(Ln 31 / 12)	\$11.01						
34 35	·			ļ					
	'SALES/MKTG/ADV (ABC)	# - 42.11 - 200	\$2.49						
37	SALESIMICI GIADY (ADC)	(Ln 13 * Ln 33)	\$2.49						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$80.15					į	}
39		12.50 12.100/	700.10				İ		İ
29		<u>l</u>	l						

Fiber Loop	RUSSELLVILLE		F	acility Length	0.80	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$507.30	ENGINEER COST \$443.81	install cost \$2,344.39	E&I TOTAL \$2,788.20	TOTAL \$3,295.50
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	its :	\$835.98	\$447.57	\$2,571.31	\$3,018.88	\$3,854.86
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	<u>\$3.76</u>	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$77.75	\$68.02	\$359.30	\$427.32	\$505.07
Aerial Cable Investments	2421.20	\$348.81	\$305.15	\$1,611.93	\$1,917.08	\$2,265.89
Underground Cable Investments	2422.20	\$22.49	\$19.68	\$103.93	\$123.61	\$146.10
Buried Cable Investments	2423.20	\$48.29	\$42.25	\$223.18	\$265.44	\$313.73
Conduit Investments	2441.10	\$9.96	<u>\$8.71</u>	<u>\$46.04</u>	\$54.75	\$64.71
TOTAL 24XX Acco	unt	\$507.30	\$443.81	\$2,344.39	\$2,788.20	\$3,295.50

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

REPUBLIC

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.96 Miles

			Cable Term	·	Aerial Cable	Ungnd Cable	Buried Cable	
	INVESTMENT / COST FACTORS		Eapt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
			2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1	-							
2	INVESTMENT LOADINGS							
3]					
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
6]	
7	ANNUAL EXPENSE FACTORS							
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT w	HOLESALE	0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03	3202					

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	<u>INVESTMENT</u>		Ì						
16									
17	EQUIPMENT INVESTMENT		\$1,358.42	\$328.68	\$31.49	\$141.28	\$9.05	\$843.91	\$4.01
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$794.92	\$59.87	\$20.59	\$101.52	\$6.50	\$606.43	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$5,013.03	\$230.68	\$146.26	\$656.14	\$42.02	\$3,919.32	\$18.61
20	SOFTWARE	}	\$0.00						
21	INVESTMENT FACTOR	(Ln 5 ° Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$7,166.36	\$619.24	\$198.34	\$898.95	\$57.57	\$5,369.65	\$22.62
23									
24	ANNUAL OPERATING EXPENSE	<u>s</u>)							1
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,047.11	\$127.88	\$27.59	\$128.24	\$8.14	\$752.35	\$2.91
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$253.35	\$15.91	\$7.49	\$33.82	\$2.12	\$193.27	\$0.73
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$69.06	\$38.09	\$6.00	\$3.22	\$0.34	\$21.20	\$0.21
29	PROPERTY TAX	(Ln 12 ° tn 22)	\$115.31	\$9.96	\$3.19	\$14.46	\$0.93	\$86.40	\$0.36
30							-		
	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$1,484.83						
32									ļ
33	COST PER MONTH	(Ln 31 / 12)	\$123.74						
34							ļ		
35							į		
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$3.96						
37								1	
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$127.70					:	
39									

Fiber Loop	REPUBLIC		F	acility Length	1.96	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL CQST \$1,029.74	ENGINEER COST \$931.45	INSTALL COST \$3,850.89	E&I TOTAL \$4,782.35	TOTAL \$5,812.08
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS ,	\$1,358.42	\$935.21	\$4,077.82	\$5,013.03	\$6,371.45
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$31.49	\$28.49	\$117.77	\$146.26	\$177.75
Aerial Cable Investments	2421.20	\$141.28	\$127.80	\$528.35	\$656.14	\$797.42
Underground Cable Investments	2422.20	\$9.05	\$8.18	\$33.84	\$42.02	\$51.07
Buried Cable Investments	- 2423.20	\$843.91	\$763.36	\$3,155.96	\$3,919.32	\$4,763.22
Conduit Investments	2441.10	\$4.01	\$3.63	\$14.99	<u>\$18.61</u>	<u>\$22.62</u>
TOTAL 24XX Acco	unt	\$1,029.74	\$931.45	\$3,850.89	\$4,782.35	\$5,812.08

GTE

OHIO

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RATHBONE

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 3.51 Miles

			Cable Term	D-1	Aerial Cable	Ungnd Cable	Buried Cable	O and did
	INVESTMENT / COST FACTORS		Eqpt	Poies	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
ļ			2232.23	2411.10	2421,20	2422.20	2423.20	2441.00
1								
2	INVESTMENT LOADINGS							
3								
4	MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5	INVESTMENT FACTOR							
6			ļ					
7	ANNUAL EXPENSE FACTORS		al a series					
8								
9	CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10	COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11	MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12	PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13	SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT							And the second s	
17	EQUIPMENT INVESTMENT		\$2,327.61	\$328.68	\$171.52	\$769.47	\$49.65	\$986.30	\$21.99
18 19	1	(Ln 4 * Ln 17)	\$1,469.37 \$9,516.83	\$59.87 \$230.68	\$112.14 \$796.79	\$552.94 \$3,574.62	\$35.68 \$230.65	\$708.75 \$4,581.93	\$0.00 \$102.16
20		ON	\$0.00	\$230.00	\$130.73	\$3,374.02	\$230.00	\$4,501.95	\$102.10
21		(Ln 5 * Lns 17+19)	\$0.00						
22		(Sum Ln 17.,Ln 21)	\$13,313.81	\$619.24	\$1,080.44	\$4,897.03	\$315.97	\$6,276.97	\$124.15
23 24 25	ANNUAL OPERATING EXPENSE	<u>s</u>							
26		(Ln 9 ° Ln 22)	\$1,916.88	\$127.88	\$150.27	\$698.61	\$44.67	\$879.48	\$15.96
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$482.53	\$15.91	\$40.80	\$184.25	\$11.63	\$225.93	\$4.01
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$116.13	\$38.09	\$32.68	\$17.55	\$1.88	\$24.78	\$1.15
29 30		(Ln 12 ° Ln 22)	\$214.23	\$9.96	\$17.39	\$78.80	\$5.08	\$101.00	\$2.00
31 32	TOTAL ANNUAL COST	(Sum Ln 25Ln 29)	\$2,729.77						
33	COST PER MONTH	(Ln 31 / 12)	\$227.48		•				1
34		,							
35 36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$7.28	į					
37	, ,	(4.770 4.74)	*						
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$234.76			3			
39									

Fiber Loop	RATHBONE		F	Facility Length	3.51	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX,XX	MATERIAL COST \$1,998.92	ENGINEER COST \$1,783.18	INSTALL COST \$7,502.97	E&I TOTAL \$9,286.15	TOTAL \$11,285.07
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS	s	\$2,327.61	\$1,786.94	\$7,729.90	\$9,516.83	\$11,844.44
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$ 3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accoun	t	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$171.52	\$153.00	\$643.78	\$796.79	\$968.30
Aerial Cable Investments	2421.20	\$769.47	\$686.42	\$2,888.21	\$3,574.62	\$4,344.09
Underground Cable Investments	2422.20	\$4 9.65	\$44.29	\$186.36	\$230.65	\$280.30
Buried Cable Investments	2423.20	\$986.30	\$879.85	\$3,702.08	\$4,581.93	\$5,568.23
Conduit Investments	2441.10	<u>\$21.99</u>	\$19.62	\$82.54	\$102.16	<u>\$124.15</u>
TOTAL 24XX Accoun	it	\$1,998.92	\$1,783.18	\$7,502.97	\$9,286.15	\$11,285.07

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RUTLAND

VS + VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 6.53 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR NNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.03025	0.00358	0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	INVESTMENT								
16			I	1			į		
17	EQUIPMENT INVESTMENT		\$4,149.59	\$328.68	\$395.25	\$1,773.22	\$114.41	\$1,487.36	\$50.68
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$2,743.54	\$59.87	\$258.42	\$1,274.22	\$82.22	\$1,068.80	\$0.00
19	ENGINEERING & INSTALLATI	ON	\$17,868.52	\$230.68	\$1,824.53	\$8,185.40	\$528.14	\$6,865.83	\$233.93
20	SOFTWARE		\$0.00	ĺ		ļ	ļ		
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00			{			
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$24,761.66	\$619.24	\$2.478.21	\$11,232.84	\$724.77	\$9,421.99	\$284.61
23				ļ					
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25			,	ŀ					
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$3,534.23	\$127.88	\$344.68	\$1,602.47	\$102.47	\$1,320.13	\$36.58
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$907.13	\$15.91	\$93.58	\$422.64	\$26.68	\$339.13	\$9.18
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$197.45	\$38.09	\$74.96	\$40.25	\$4.32	\$37.20	\$2.63
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$398.44	\$9.96	\$39.88	\$180.75	\$11.66	\$151.61	\$4.58
30				ĺ		1			
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$5,037.25	ļ					İ
32			ļ	ĺ					
33	COST PER MONTH	(Ln 31 / 12)	\$419.77						
34			-	Meteory		i			
35			1	1			1		
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$13.44						
37	, ,	•							
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$433.21						
39									

Fiber Loop	RUTLAND		1	Facility Length	6.53	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$3,820.91	ENGINEER COST \$3,392.17	INSTALL COST \$14,245.67	E&I TOTAL \$17,637.84	TOTAL \$21,458.75
FIBER PANEL COL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$2 79.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	T\$	\$4,149.59	\$3,395.93	\$14,472.60	\$17,868.52	\$22,018.12
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
TOTAL 2232 Accou	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$395.25	\$350.90	\$1,473.63	\$1,824.53	\$2,219.79
Aerial Cable Investments	2421.20	\$1,773.22	\$1,574.24	\$6,611.16	\$8,185.40	\$9,958.62
Underground Cable Investments	2422.20	\$114.41	\$101.57	\$426.57	\$528.14	\$642.55
Buried Cable Investments	2423.20	\$1,487.36	\$1,320.46	\$5,545.37	\$6,865.83	\$8,353.19
Conduit investments	2441.10	\$50.68	\$44.99	\$188.94	\$233.93	<u>\$284.61</u>
TOTAL 24XX Accor	unt	\$3,820.91	\$3,392.17	\$14,245.67	\$17,637.84	\$21,458.75

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

RAWSON

VS+VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 5.82 Miles

	INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	INVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		-0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12 13	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WHOLESALE PROPERTY TAX SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609		0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14					•				
	<u>INVESTMENT</u>					i			
16									
17	· ·		\$3,479.43	\$328.68	\$162.51	\$729.08	\$47.18	\$2,191.09	\$20.90
18		(Ln 4 * Ln 17)	\$2,298.44	\$59.87	\$106.25	\$523.91	\$33.90	\$1,574.50	\$0.00
19		ON	\$14,404.52	\$230.68	\$731.07	\$3,279.79	\$212.25	\$9,856.72	\$94.01
20			\$0.00			1			
21		(Ln 5 * Lns 17+19)	\$0.00						
22		(Sum Ln 17Ln 21)	\$20,182.39	\$619.24	\$999.83	\$4,532.78	\$293.33	\$13,622.31	\$114.91
23				i		}			
	ANNUAL OPERATING EXPENSE	<u>s</u>							
25						ļ			
26		(Ln 9 ° Ln 22)	\$2,878.48	\$127.88	\$139.06	\$646.64	\$41.47	\$1,908.65	\$14.77
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$729.03	\$15.91	\$37.76	\$170.55	\$10.80	\$490.32	\$3.71
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$141.17	\$38.09	\$30.24	\$16.24	\$1.75	\$53.79	\$1.06
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$324.75	\$9.96	\$16.09	\$72.94	\$4.72	\$219.20	\$1.85
30			1						
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$4,073.44						
32									
33	COST PER MONTH	(Ln 31 / 12)	\$339.45						
34		ĺ							
35									
36	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$10.87						
37									
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$350.32						
39									

Fiber Loop	RAWSON		F	Facility Length	5.82	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$3,150.75	ENGINEER COST \$2,835.56	INSTALL COST \$11,338.28	E&I TOTAL \$14,173.84	TOTAL \$17,324.59
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	ITS .	\$3,479.43	\$2,839.31	\$11,565.21	\$14,404.52	\$17,883.95
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$162.51	\$146.25	\$584.81	\$731.07	\$893.58
Aerial Cable Investments	2421.20	\$729.08	\$656.14	\$2,623.65	\$3,279.79	\$4,008.87
Underground Cable Investments	2422.20	\$47.18	\$42.46	\$169.78	\$212.25	\$259.43
Buried Cable Investments	2423.20	\$2,191.09	\$1,971.89	\$7,884.83	\$9,856.72	\$12,047.81
Conduit Investments	2441.10	<u>\$20.90</u>	\$18.81	<u>\$75.20</u>	\$94.01	<u>\$114.91</u>
TOTAL 24XX Acco	unt	\$3,150.75	\$2,835.56	\$11,338.28	\$14,173.84	\$17,324.59

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

SABINA

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 0.84 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 INVESTMENT LOADINGS 3 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6 ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
8 9 CAPITAL RECOVERY 0 COMPOSITE INCOME TAX 1 MAINTENANCE & SUPPORT WHOLESALE 2 PROPERTY TAX 3 SALES, ADV, MKTG	0.03202	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.14266 0.03763 0.00358 0.01609	0.03681 0.00596	0.14011 0.03599 0.00395 0.01609	0.12854 0.03226 0.00926 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
	<u>INVESTMENT</u>								
16	<u> </u>		#040.00	#200 CO	£45.00	#004.00	642.02	6040.04	AE 27
17			\$812.36	\$328.68	\$45.00	\$201.86	\$13.03	\$218.01	\$5.77
18		(Ln 4* Ln 17)	\$400.38	\$59.87	\$29.42	\$145.06	\$9.36	\$156.66	\$0.00
19		ON	\$2,733.69	\$230.68	\$232.85	\$1,044.65	\$ 67.43	\$1,128.21	\$29.87
20			\$0.00		-				
21		(i.n 5 * Lns 17+19)	\$0.00						
22		(Sum La 17.,Ln 21)	\$3,946.42	\$619.24	\$307.27	\$1,391.57	\$89.83	\$1,502.88	\$35.64
23					1	-			
	ANNUAL OPERATING EXPENSE	<u>s</u>	Į		-				
25			1	Ì	-				
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$596.99	\$127.88	\$42.74	\$198.52	\$12.70	\$210.57	\$4.58
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$138.42	\$15.91	\$11.60	\$52.36	\$3.31	\$54.09	\$1.15
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$59.17	\$38.09	\$9.29	\$4.99	\$0.54	\$5.93	\$0.33
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$63.50	\$9.96	\$4.94	\$22.39	\$1.45	\$24.18	\$0.57
30		1	1			ļ	Ę.		
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$858.08		E E E E E E E E E E E E E E E E E E E	and the second	1		
32		·		l	[-	-		
33	COST PER MONTH	(Ln 31 / 12)	\$71.51	[]		į		
34		, ,	•		į				
35		1	ļ		1		İ		
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$2.29	1		Į.	}		
37		(Elio Elios)	42.20						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$73.80	Ì		l			
39		-							

Fiber Loop	SABINA		F	acility Length	0.84	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$483.67	ENGINEER COST \$430.63	INSTALL COST \$2,072.37	E&I TOTAL \$2,503.01	TOTAL \$2,986.68
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUN	TS -	\$812.36	\$434.39	\$2,299.30	\$2,733.69	\$3,546.05
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	\$ 3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Accou	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&t	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole investments	2411.10	\$45.00	\$40.06	\$192.79	\$232.85	\$277.85
Aerial Cable Investments	2421.20	\$201.86	\$179.73	\$864.92	\$1,044.65	\$1,246.51
Underground Cable Investments	2422.20	\$13.03	\$11.60	\$55.83	\$67.43	\$80.46
Buried Cable Investments	2423.20	\$218.01	\$194.10	\$934.10	\$1,128.21	\$1,346.22
Conduit Investments	2441.10	<u>\$5.77</u>	\$5.14	<u>\$24.73</u>	\$29.87	\$35.64
TOTAL 24XX Accor	unt	\$483.67	\$430.63	\$2,072.37	\$2,503.01	\$2,986.68

GTE

OHIO

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

SCIO

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 3.5 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1 2 INVESTMENT LOADINGS 3 4 MATERIAL LOADINGS		0.49246	0.65381	0.74050	0.71859	0.74950	0.0000
4 MATERIAL LOADINGS 5 INVESTMENT FACTOR 6		0.18216	0.00001	0.71859	0.71059	0.71859	0.00000
7 ANNUAL EXPENSE FACTORS 8							
9 CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
0 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
2 PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	INVESTMENT								·
17			\$2,310.72	\$328.68	\$162.68	\$729.83	\$47.12	\$1,021.54	\$20.87
18	MATERIAL LOADINGS	(Ln 4 ° Ln 17)	\$1,458.62	\$59.87	\$106.36	\$524.45	\$33.86	\$734.07	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$9,420.98	\$230.68	\$754.31	\$3,384.05	\$218.49	\$4,736.68	\$96.78
20	SOFTWARE		\$0.00			-			
21	INVESTMENT FACTOR	(Lri 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17.,Ln 21)	\$13,190.32	\$619.24	\$1,023.35	\$4,638.33	\$299.47	\$6,492.29	\$117.65
23									
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25									
26	CAPITAL RECOVERY	(Ln 9 * Ln 22)	\$1,899.03	\$127.88	\$142.33	\$661.70	\$42.34	\$909.65	\$15.12
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$477.57	\$15.91	\$38.64	\$174.52	\$11.02	\$233.68	\$3.80
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$114.17	\$38.09	\$30.95	\$16.62	\$1.79	\$25.6 3	\$1.09
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$212.25	\$9.96	\$16.47	\$74.64	\$4.82	\$104.47	\$1.89
30									
31	TOTAL ANNUAL COST	(Sum Ln 26Ln 29)	\$2,703.02					200	
32									
33	COST PER MONTH	(Ln 31 / 12)	\$225.25						
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$7.21						
37									
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$232.46						
39									

Fiber Loop	SCIO		F	acility Length	3.50	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,982.04	ENGINEER COST \$1,769.87	INSTALL COST \$7,420.43	E&I TOTAL \$9,190.30	TOTAL \$11,172.34
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$2,310.72	\$1,773.63	\$7,647.36	\$9,420.98	\$11,731.71
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL.	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	<u>\$328.68</u>	\$ 3.76	\$226.92	\$230.68	<u>\$559.36</u>
TOTAL 2232 Acco	ount	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$162.68	\$145.26	\$609.04	\$754.31	\$916.99
Aerial Cable Investments	2421.20	\$729.83	\$651.70	\$2,732.35	\$3,384.05	\$4,113.88
Underground Cable Investments	2422.20	\$47.12	\$42.08	\$176.41	\$218.49	\$265.61
Buried Cable Investments	· 2423.20	\$1,021.54	\$912.19	\$3,824.49	\$4,736.68	\$5,758.22
Conduit Investments	2441.10	<u>\$20.87</u>	<u>\$18.64</u>	<u>\$78.14</u>	\$96.78	<u>\$117.65</u>
TOTAL 24XX Acco	ount	\$1,982.04	\$1,769.87	\$7,420.43	\$9,190.30	\$11,172.34

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

SCOTT

V\$+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 4.33 Miles

	NVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411.10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
3 4 5 6	NVESTMENT LOADINGS MATERIAL LOADINGS INVESTMENT FACTOR ANNUAL EXPENSE FACTORS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
9 10 11 12	CAPITAL RECOVERY COMPOSITE INCOME TAX MAINTENANCE & SUPPORT WH PROPERTY TAX SALES, ADV, MKTG	IOLESALE 0.0320	0.20652 0.02569 0.06151 0.01609	0.13909 0.03776 0.03025 0.01609	0.03763 0.00358	0.00596	0.03599 0.00395	0.12854 0.03226 0.00925 0.01609

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14 15 16	<u>INVESTMENT</u>					3	- May Odd Control of the Control of		
17			\$2,906.00	\$328.68	\$294.72	\$1,322.19	\$85.30	\$837.31	\$37.78
18	MATERIAL LOADINGS	(Ln 4° Ln 17)	\$1,865.67	\$59.87	\$192.69	\$950.12	\$61.30	\$601.69	\$0.00
19	ENGINEERING & INSTALLATI	' '	\$12,314.37	\$230.68	\$1,381.78	\$6,199.08	\$399.94	\$3,925.73	\$177.15
20	i e		\$0.00		, ,	` ′	·]	, ,	,
21		(Ln 5 * Lns 17+19)	\$0.00	j					
22		(Sum Ln 17Ln 21)	\$17,086.04	\$619.24	\$1,869.19	\$8,471.40	\$546.54	\$5,364.74	\$214.93
23		•		}					
24	ANNUAL OPERATING EXPENSE	<u>s</u>							
25		_				j			
26	CAPITAL RECOVERY	(La 9 * Ln 22)	\$2,452.96	\$127.88	\$259.98	\$1,208.53	\$77.27	\$751.66	\$27.63
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$625.38	\$15.91	\$70.58	\$318.74	\$20.12	\$193.10	\$6.93
28	MAINTENANCE & SUPPORT	(Ln 11 * Ln 22)	\$151.40	\$38.09	\$56.54	\$30.35	\$3.26	\$21.18	\$1.99
29	PROPERTY TAX	(in 12 ° in 22)	\$274.93	\$9.96	\$30.08	\$136.31	\$8.79	\$86.32	\$3.46
30	ĺ								
31	TOTAL ANNUAL COST	(Sum Ln 26, Ln 29)	\$3,504.68			ł			
32				1					
33	COST PER MONTH	(Ln 31 / 12)	\$292.06						
34				Ì					
35	i								
36	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$9.35						
37	1								
38	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$301.41						
39									

GTE COMPANY

Fiber Loop	SCOTT		F	acility Length	4.33	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$2,577.31	ENGINEER COST \$2,281.10	INSTALL COST \$9,802.59	E&I TOTAL \$12,083.69	T OTAL \$14,661.00
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNT	IT\$	\$2,906.00	\$2,284.86	\$10,029.52	\$12,314.37	\$15,220.37
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	\$226.92	\$230.68	\$559.36
TOTAL 2232 Acco	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$294.72	\$260.85	\$1,120.94	\$1,381.78	\$1,676.50
Aerial Cable Investments	2421.20	\$1,322.19	\$1,170.23	\$5,028.85	\$6,199.08	\$7,521.28
Underground Cable Investments	2422.20	\$85.30	\$75.50	\$324.44	\$399.94	\$485.24
Buried Cable Investments	2423.20	\$837.31	\$741.08	\$3,184.65	\$3,925.73	\$4,763.05
Conduit Investments	2441.10	\$37.78	\$33.44	\$143.71	\$177.15	\$214.93
TOTAL 24XX Acco	unt	\$2,577.31	\$2,281.10	\$9,802.59	\$12,083.69	\$14,661.00

GTE

OHIO

COMPANY

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

SCIOTOVILLE

VS+VIS

BNF:

DESCRIPTION: HiCAP Fiber Loop Facility

Facility Length 1.28 Miles

		Cable Term		Aerial Cable	Ungnd Cable	Buried Cable	
INVESTMENT / COST FACTORS		Eqpt	Poles	Nonmetallic	Nonmetallic	Nonmetallic	Conduit
		2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
1 2 INVESTMENT LOADINGS							
3					İ		
4 MATERIAL LOADINGS		0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
5 INVESTMENT FACTOR			-				
6							
7 ANNUAL EXPENSE FACTORS	}						
8	[
9 CAPITAL RECOVERY	ļ	0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
10 COMPOSITE INCOME TAX		0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
11 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
12 PROPERTY TAX]	0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
13 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY C	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14				··					
15	INVESTMENT	Į							
16									
17	EQUIPMENT INVESTMENT	Ī	\$1,151.91	\$328.68	\$133.05	\$596.92	\$38.50	\$37.69	\$17.05
18	MATERIAL LOADINGS	(Ln 4 * Ln 17)	\$630.57	\$59.87	\$86.99	\$428.94	\$27.67	\$27.09	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$4,503.18	\$230.68	\$690.54	\$3,097.98	\$199.82	\$195.63	\$88.51
20	SOFTWARE		\$0.00						
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17Ln 21)	\$6,285.65	\$619.24	\$910.59	\$4,123.85	\$265.99	\$260.41	\$105.56
23			ĺ			,			
	ANNUAL OPERATING EXPENSE	<u>s</u>					1		
25									
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$930.51	\$127.88	\$126.65	\$588.31	\$37.61	\$36.49	\$13.57
27	COMPOSITE INCOME TAX	(Ln 10 ° Ln 22)	\$228.03	\$15.91	\$34.39	\$155.16	\$9.79	\$9.37	\$3.41
28	MAINTENANCE & SUPPORT	(Ln 1f * Ln 22)	\$83.99	\$38.09	\$27.54	\$14.78	\$1.59	\$1.03	\$0.98
29	PROPERTY TAX	(Ln 12 ° Ln 22)	\$101.14	\$9.96	\$14.65	\$66.36	\$4.28	\$4.19	\$1.70
30		1							
- 1	TOTAL ANNUAL COST	(Sum i.n 26Ln 29)	\$1,343.67			1			ľ
32		ł							
	COST PER MONTH	(Ln 31 / 12)	\$111.97						
34									
35	L						1		
	'SALES/MKTG/ADV (ABC)	(Ln 13 * Ln 33)	\$3.58						
37	70711	ļ	- BAAF PK		[
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$115.56						
39									

Fiber Loop	SCIOTOVILLE		F	acility Length	1.28	Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$823.23	ENGINEER COST \$718.30	INSTALL COST \$3,554.19	E&I TOTAL \$4,272.49	TOTAL \$5,095.72
FIBER PANEL CDL	2232.23	\$164.3 4	\$1.88	\$113.46	\$115.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$1,151.91	\$722.06	\$3,781.12	\$4,503.18	\$5,655.09
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL.	ENGINEER	INSTALL	E&i	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328.68	<u>\$3.76</u>	<u>\$226.92</u>	\$230.68	\$559.36
TOTAL 2232 Accou	nt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$133.05	\$116.10	\$574.45	\$690.54	\$823.60
Aerial Cable Investments	2421.20	\$596.92	\$520.84	\$2,577.14	\$3,097.98	\$3,694.90
Underground Cable Investments	2422.20	\$38.50	\$33.60	\$166.23	\$199.82	\$238.33
Buried Cable Investments	2423.20	\$37.69	\$32.89	\$162.74	\$195.63	\$233.33
Conduit Investments	2441.10	<u>\$17.05</u>	<u>\$14.88</u>	\$ 73.63	\$88.51	<u>\$105.56</u>
TOTAL 24XX Accou	int	\$823.23	\$718.30	\$3,554.19	\$4,272.49	\$5,095.72

BASIC NETWORK FUNCTION COST STUDY

STATE:

OHIO

SEAMAN

VS + VIS

BNF:

DESCRIPTION: HICAP Fiber Loop Facility

Facility Length 2.68 Miles

INVESTMENT / COST FACTORS		Cable Term Eqpt 2232.23	Poles 2411,10	Aerial Cable Nonmetallic 2421.20	Ungnd Cable Nonmetallic 2422.20	Buried Cable Nonmetallic 2423.20	Conduit 2441.00
1		2202.20	2777.70	2121120			
INVESTMENT LOADINGS							
3	1	ļ		İ			
MATERIAL LOADINGS	}	_ 0.18216	0.65381	0.71859	0.71859	0.71859	0.00000
INVESTMENT FACTOR	į	į.					
5							
ANNUAL EXPENSE FACTORS							
B							
CAPITAL RECOVERY		0.20652	0.13909	0.14266	0.14139	0.14011	0.12854
COMPOSITE INCOME TAX	1	0.02569	0.03776	0.03763	0.03681	0.03599	0.03226
1 MAINTENANCE & SUPPORT WHOLESALE		0.06151	0.03025	0.00358	0.00596	0.00395	0.00925
PROPERTY TAX		0.01609	0.01609	0.01609	0.01609	0.01609	0.01609
3 SALES, ADV, MKTG	0.03202						

	CALCULATION OF MONTHLY CO	OST	TOTAL	2232.23	2411.10	2421.20	2422.20	2423.20	2441.00
14									
15	INVESTMENT							Atage	
16		Ì							ì
17	EQUIPMENT INVESTMENT		\$2,034.68	\$328.68	\$265.35	\$1,190.43	\$76.80	\$139.40	\$34.02
18	MATERIAL LOADINGS	(Ln 4° Ln 17)	\$1,244.16	\$59.87	\$173.49	\$855.44	\$55.19	\$100.17	\$0.00
19	ENGINEERING & INSTALLATION	ON	\$8,557.71	\$230.68	\$1,295.17	\$5,810.54	\$374.87	\$680.40	\$166.05
20	SOFTWARE	ļ	\$0.00						-
21	INVESTMENT FACTOR	(Ln 5 * Lns 17+19)	\$0.00						
22	TOTAL INVESTMENT	(Sum Ln 17£n 21)	\$11,836.56	\$619.24	\$1,734.01	\$7,856.41	\$506.86	\$919.97	\$200.06
23		ĺ						4	
	ANNUAL OPERATING EXPENSE	§							
25		}					}		
26	CAPITAL RECOVERY	(Ln 9 ° Ln 22)	\$1,716.13	\$127.88	\$241.18	\$1,120.79	\$71.66	\$128.90	\$25.72
27	COMPOSITE INCOME TAX	(Ln 10 * Ln 22)	\$435.22	\$15.91	\$65.48	\$295.60	\$18.66	\$33.11	\$6.45
28	MAINTENANCE & SUPPORT	(Ln 11 ° Ln 22)	\$127.19	\$38.09	\$52.45	\$28.15	\$3.02	\$3.63	\$1.85
29	PROPERTY TAX	(Ln 12 * Ln 22)	\$190.46	\$9.96	\$27.90	\$126.42	\$8.16	\$14.80	\$3.22
30									
-	TOTAL ANNUAL COST	(Sum Lri 26Ln 29)	\$2,469.00						
32									
1	COST PER MONTH	(Ln 31 / 12)	\$205.75				į		
34									
35									
	'SALES/MKTG/ADV (ABC)	(Ln 13 ° Ln 33)	\$6.59						
37			5045.24						
	TOTAL COST PER MONTH	(Ln 36 + Ln 33)	\$212.34	1			l		
39									

GTE COMPANY

Fiber Loop	SEAMAN			Facility Length		Miles
SYSTEM INVESTMENT ITEM 12 Fiber Cable	FCC ACCT 24XX.XX	MATERIAL COST \$1,706.00	ENGINEER COST \$1,491.43	INSTALL COST \$6,835.61	E&I TOTAL \$8,327.03	TOTAL \$10,033.03
FIBER PANEL CDL	2232.23	\$164.34	\$1.88	\$1 13.46	\$1 15.34	\$279.68
FIBER PANEL C.O.	2232.23	\$164.34	\$1.88	\$113.46	\$115.34	\$279.68

TOTAL all ACCOUNTS		\$2,034.68	\$1,495.18	\$7,062.53	\$8,557.71	\$10,592.40
BREAKOUT OF 2232.xx INVESTMENT		MATERIAL	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
TOTAL Circuit Equipment	2232.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminal Equipment	2232.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Fiber Terminating Equipment	2232.23	\$328,68	<u>\$3.76</u>	<u>\$226.92</u>	<u>\$230.68</u>	<u>\$559.36</u>
TOTAL 2232 Accou	unt	\$328.68	\$3.76	\$226.92	\$230.68	\$559.36
BREAKOUT OF 24xx.xx INVESTMENT		MATERIAL.	ENGINEER	INSTALL	E&I	
	FCC ACCT	COST	COST	COST	TOTAL	TOTAL
Pole Investments	2411.10	\$265.35	\$231.97	\$1,063.20	\$1,295.17	\$1,560.52
Aerial Cable Investments	2421.20	\$1,190.43	\$1,040.71	\$4,769.83	\$5,810.54	\$7,000.97
Underground Cable Investments	2422.20	\$76.80	\$67.14	\$307.73	\$374.87	\$451.68
Buried Cable Investments	2423.20	\$139.40	\$121.86	\$558.54	\$680.40	\$819.80
Conduit Investments	2441.10	<u>\$34.02</u>	\$29.74	<u>\$136.31</u>	\$166.05	<u>\$200.06</u>
TOTAL 24XX Accor	unt	\$1,706.00	\$1,491.43	\$6,835.61	\$8,327.03	\$10,033.03