ATTACHMENT C

BellSouth Telecommunications, Inc. FPSC Docket No. 990649A-TP Request for Confidential Classification Page 1 of 1 12/21/01

REQUEST FOR CONFIDENTIAL CLASSIFICATION OF EXHIBITS BFP-2
THROUGH BFP-9 TO THE REBUTTAL TESTIMONY OF BRIAN F. PITKIN AS
FILED ON DECEMBER 10, 2001 IN FLORIDA PUBLIC SERVICE
COMMISSION DOCKET 990649A-TP

PROPRIETARY



DOCUMENT HUMBER - CATE

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FPSC-COMMISSION CLERK

Fiber EF&I Error Correction for Underground Fiber Cable

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A	<u> </u>	C	D	Grad BellSouth	ATST World Com
371063)0	Description of the second of t	STATE OF THE PROPERTY OF THE P	高語RateMate	ATTACA ID ELIGIBATE	Corrected to the
1	Material Cost	BSTLM Input		\$ 70.72	\$ 0.72
2	Material Loading Per Foot	Rate • Ln1	38.55%	\$ 0.28	\$ 0.28
3	Copper Placing Cost for 25 Pair	Attachment 9		\$ 1.23	/\$ -
4	Copper Splicing Cost for 25 Pair	Attachment 9		\$ 0.22	. <u>.</u> s
5	FO Placing Cost	Attachment 9		\$ - 1	\$ 0.74
6	FO Splicing Cost	Attachment 9		s <u>-</u>	\$ 0.20
7_	Material, Loading and Labor	Ln1 + Ln2 + Ln3 + Ln4 +Ln5 +Ln6		\$ 2.44	\$ 1.93
8	Engineering Loading	Rate * Ln7	35.72%	\$ 0.87	\$ 0.69
9	Total EF&I •	Ln2 + Ln5 + Ln6 + Ln8 *		\$ 2.08	\$ 1.90
10	Overstatement		;	\$ 0.18	

^{*} BellSouth's calculation of the Total EF&I includes the correct FO placing and splicing cost

FLORIDA DOCKET 990649-TP

WITNESS: PITKIN EXHIBIT _____ (BFP-3)

PAGE 1 OF 1

Stub Cable Correction for Underground Copper Cable

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_	A	<i>1</i> 3	\mathcal{C}	D	BellSouth	MAT&T/WorldCom
ı	Line No.	Peraliffor	A Vigoriula Ald Care Care	Rate (a.)	WANTED OF THE SECOND	Сопес іо д (
	1	Copper Cable Size	Assumption		<u>*25</u>	25
	3	Splicing Set-up Hours	BSTLM Inputs		0	0
	4	Splicing Travel Hours	BSTLM Inputs	,	0	0
	5	Splicing Labor per 100 pairs	BSTLM Inputs		5.32	5.32
	6	Splicing Labor Hours per 100 pairs for Stub	BSTLM Inputs		5.32	0
	7	Splicing Hours	Ln3 + Ln4 +(Ln5 +Ln6)*Ln1 / 100		2.66	1.33
١	8	Splicing Cost	Labor Rate * Ln7	\$ 49.05	\$ 130.47	\$ 65.24

Material Loading Development Comparison for Underground Metallic Cable

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1		ACT THE RESIDENCE PROPERTY OF THE PARTY OF T		A STATE OF THE PROPERTY OF THE	器以EMK	AND BEISOUTH WAS	TA 607
Col							<u> </u>
Cold REUSED MATERIALS 78 5 5 5 5 5 5 5 5 5							·
Coll							3 2,417,954
Cup							
Total Non-Exempt Material Expense CG1 Sum (in 1 \ \text{Lin (1)} \) \$ 2,839,814 \$ 2,639,814 \$ 2,639,814 \$ 2,639,814 \$ 2,639,814 \$ 2,639,814 \$ 2,639,814 \$ 2,639,814 \$ 2,400,391 \$ 2,400,39							·
Total Supply Expense Loading COF.COG.COH.COJ LIST/LIB NDIR SAL 1 5 344.240 5				The state of the s	7B		
Total Exempt Material Expense CQ1					_		
10 Miscellaneous Material Loading	8	Total Non-Exempt Material less sales tax		Ln7 / 1.06 (tax rate) *	<u> </u>	\$ 2,490,391	\$ 2,490,391
10 Miscellaneous Material Loading	9	Total Exempt Material Expense	COI	EXEMPT MATL OVERHEAD	7A	\$ 2,482,924	s <u>-</u>
1			1				
12	10	Miscellaneous Material Loading		tn9/Ln8		0.988970981	0
12							
12	11		CQF	FLD STOCK & CC PROV SALVAGE	1	\$ 157,837	
13	12		CQG	FLD STOCK & CC PROV BENEFITS	11		
Total Supply Expense Sum (Ln11: Ln14) \$ 262,642 \$ 262,642 \$ 262,642	13		СОН	FLD STOCK & CC PROV OTHER	1		
15 Total Supply Expense Sum (Lin1 / Lin1) Supply Expense Loading CQF,CQG,CQH,CQJ Lin15 / Lin8 0.105462173 0.105462173 17	14 .		COI	OVERHEAD PROV - OTHER	1	\$ 3,322	
17	15	Total Supply Expense		Sum (Ln11 : Ln14)	,	\$ 262,642	\$ 262,642
17 CPA PLANT LAB - INDIR SAL 1 \$ 344,240 \$	16	Supply Eveneral coding	COECOGCOHCOL	Lo15/Lp8		0.105462173	0.105462173
17	10	Supply Expense Coauning	car,cqc,cqr,cqs				
18	17		CPA	PLANT LAB - INDIR SAL	1	\$ 344,240	<u>s</u> -
19			CPB .	PLANT LAB - INDIR BEN	1	\$ 85,443	\$ -
20 Total Plant Labor Exp. Sum (Ln17 : Ln19) \$ 594,449 \$			CPC	PLANT LAB - INDIR,OTHER	1	\$ 164,766	\$ -
21		Total Plant Labor Exp.		Sum (Ln17 : Ln19)		\$ 594,449	\$
21							
22 464 ROW - A QUIRE CONTR 4 3 2,470 5 2,470 24 5 2,470 5 2,470 5 2,470 24 644 ROW - SRV & APPRAISAL 4 5 2,470 5 2,470 24 25 59H ROW - LEASE 4 5 - 5							
23			464				1
24	23		644				
25 59H ROW-LEASE 4 5 1,486 5 1,486 27 Total Right of Way Expense Sum (Ln21: L26) 5 3,956	24		48J	And the second s			·
26 79A ROW-PERMITS & PERMITS & ROW S 3,956 S 3,956 27 Total Right of Way Expense Sum (Ln21: L26) S 3,956 S 3,956 28 Interest During Construction Items 780 INTEREST 4 S 78,421 S 78,421 29 Total Other Expense Ln20 + Ln27 + Ln28 S 676,826 S 82,377 20 ROW-PERMITS & ROW-	25		59H				
27 Total Right of Way Expense Sum (Ln21: L20) \$ 5,000 28 Interest During Construction Items 780 INTEREST 4 \$ 78,421 \$ 78,421 29 Total Other Expense Ln20 + Ln27 + Ln28 \$ 676,826 \$ 82,377	26		79A	ROW - PERMITS & FEES	4		
28 Interest During Construction Items 780 INTEREST 5 676,826 \$ 82,377 29 Total Other Expense 1,020 + 1,027 + 1,028 \$ 676,826 \$ 82,377	27	Total Right of Way Expense		Sum (Ln21 : L26)		\$ 3,956	3,956
29 Total Other Expense Ln20+Ln27+Ln28 \$ 676,826 \$ 82,377	28	Interest During Construction Items	780	INTEREST	4	\$ 78,421	\$ 78,421
29 Total Other Expense Unico v Litz v Citiz Other Expense		marco, Somig Construction mans	1				
0000770	29	Total Other Expense		Ln20 + Ln27 + Ln28		\$ 676,826	\$ 82,377
30 Other Expense Loading 451,464,644,48J,59H,79A Ln29/Ln8 0.271775042 0.03307/34			454 464 644 491 501 704	Ln29 / Ln8		0.27177504	0.033077944

FLORIDA DOCKET 990649-TP
WITNESS: PITKIN
EXHIBIT _____(BFP-5)
PAGE 1 OF 1

Comparison of BellSouth Inflation Loading to AT&T-WorldCom

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ZETTGENO	Cercinion	WHICH THE THE PARTY OF THE PART		经验证的证明
1	2000 Telephone Plant Index (TPI)	BellSouth or Turner TPI	5.00	(4.65)
2	2001 TPI	BellSouth or Turner TPI	4.00	4.88
3	2002 TPI	BellSouth or Turner TPI	4.00	1.52
4	2000 Inflation Rate	1+ (Ln1 / 100)	1.05000	0.95349
5	2001 Inflation Rate	(1+ (Ln2 / 100)) * Ln4	th∕1.09200°	1.00000
6	2002 Inflation Rate	(1+ (Ln3 / 100)) * Ln5	1.13568	1.01519
7	Total Inflation	Ln4 + Ln5 + Ln6	3.27768	2.96868
8	Investment Inflation Loading	Ln7/3	1.09256	0.98956

FLORIDA DOCKET 990649-TP WITNESS: PITKIN EXHIBIT (BFP-6) PAGE 1 OF 1

DLC In-Plant Factor Development

	Remote Terminal	B	C	Central Office Terminal	E	F		
	Equipment	特别的 国际的	· · · · · · · · · · · · · · · · · · ·	Equipment				
	Equipment Description	Total Cost	Plug-In or . Hardwire	Equipment Description	Total Cost	Plug-In or Hardwire		
- 1	Cabinet	\$ 27,500.00	Hardwire	SONET Firmware	\$ 7,000.00	Hardwire		
2	SONET Transceivers	*4,500.00	Plug-In	Sonet Transceivers	4,500.00	Plug-In		
2	Mulitplexer Commons	2.000.00+	Plug-In	Multiplexer Commons	2,000.00	Plug-In		
4	Time Slot Interchanger	3,500.00	Plug-In	Time Slot Interchanger	3,500.00	Plug-In		
5	Channel Bank Assemblies	4,000.00	Hardwire	DS-1 Shelf Commons	500.00	Plug-In		
7	Channel Bank Assembly Commons	2,500.00	Plug-In	DSX-1 & Cabling	800.00	Hardwire		
Q	Continues and Co	: 40 det 4,000.90		DOX;1 & Outling "Seesant Annual Control of the Cont		· · · · · · · · · · · · · · · · · · ·		
1	Subtotal Remote Terminal Equipment	\$ 31,500,00 12,500.00	Hardwire Plug-In	Subtotal Central Office Terminal Equipment	\$ 7,800.00 10,500.00	Hardwire Plug-In		
1	The course of the contents of the contents of the control force of the contents of the content	· · · · · · · · · · · · · · · · · · ·	riug-in	The Control of the Co	10,000.00	1 105 111		
				•				
1	Labor			Labor				
	Tack	Total .	Plug-In or	Task	Total	Plug-In or		
	Description Hours Rate	Labor	Hardwire **	Description Hours Rate	Labor	Hardwire 3		
8	Engineering 32.00 55.00	\$ 1,760.00	Hardwire	Engineering 12.00 55.00	\$ 660.00	Hardwire		
9	Place Cabinet 4.00 55.00	220,00	Hardwire ::	Place Frames & Racks 3.00 55.00	165,00	Hardwire		
10	Copper Splicing 4.00 55.00 Place Batteries & Turn Up Power 2.00 55.00	220.00	Hardwire	Splice DSX Metallic Cable 1.00 55.00 Place DSX Cross Connections 0.50 55.00	55.0Q 27.50	Hardwire Hardwire		
11	Place Batteries & Turn Up Power 2.00 55.00 Place Common Plug Ins (21 ea.) 0.50 55.00	7110.00) 27.50	Hardwire Plug-In	Place DSX Cross Connections 0.50 55.00 Connect Alarms, CO Timing & Power 1.00 55.00	55.00	Hardwire		
13	Turn Up & Test System 3.00 55.00	27.307 165.00		Place Common Plug Ins (21 ea.) 0.50 55.00	27.50	Plug-In		
14	Site Preparation and AC Power	3,000.00	Hardwire	Turn Up & Test System 3.00 55.00	165.00	Hardwire		
15	Subtotal Remote Terminal Labor	\$ 5,475.00; 27.50	Hardwire :	Subtotal Central Office Terminal Labor	\$ 1,127.50 27.50	Hardwire Plug-In		
		•						
	Hardwire Equipment	H		Plug-In Equipment	J			
16	Hardwire Total Installed Cost	\$ 45,902.50		Hardwire Total Installed Cost	\$ 23,055.00			
17	Hardwire Material Cost	39,300.00	the state of the s	Hardwire Material Cost	23,000.00			
ĺχ	Hardwire In-Plant Factor	1.16800		Plug-In In-Plant Factor	1.00239			

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A	\mathcal{B}		C		<i>U</i> BellSout <u>h</u>	AT&T-WCom
Input <u>T</u> able	Element		Variable Variable		Input	Input
/ Media Splicing and Placing Hours	AerialCU		Closure and Setup (hours)		0	2.25
2 Media Splicing and Placing Hours	AerialCU		Placing (hours/100 ft)		1.25	0.18
2 Media Splicing and Placing Hours	AeriaiCU		Splice (hours/100 pairs or hours/strand)		3.32	0.4
# Media Splicing and Placing Hours	BuriedCU BuriedCU		Closure and Setup (hours) Placing (hours/100 ft)	•-	0	2.25
 Media Splicing and Placing Hours Media Splicing and Placing Hours 	BuriedCU		Splice (hours/100 pairs or hours/strand)	_	3.07	0.11 0.4
7 Media Splicing and Placing Hours	UndergroundCU		Closure and Setup (hours)		0.07	2.25
8 Media Splicing and Placing Hours	UndergroundCU		Placing (hours/100 ft)		- 2:5	0.58
R Media Splicing and Placing Hours	UndergroundCU		Splice (hours/100 pairs or hours/strand)		5.32	0.4
O Media Splicing and Placing Hours	AeriaiFO		Closure and Setup (hours)		0	2.25
// Media Splicing and Placing Hours	AeriaiFO AeriaiFO		Placing (hours/100 ft) Splice (hours/100 pairs or hours/strand)		1.17	0.18
/2 Media Splicing and Placing Hours/3 Media Splicing and Placing Hours	BuriedFO		Closure and Setup (hours)		80.D 0	0.1 2.25
14 Media Splicing and Placing Hours	BuriedFO		Placing (hours/100 ft)		ŏ	0.11
15 Media Splicing and Placing Hours	BuriedFO		Splice (hours/100 pairs or hours/strand)		0.085	0.1
/ Media Splicing and Placing Hours	UndergroundFO		Closure and Setup (hours)		0	2.25
17 Media Splicing and Placing Hours	UndergroundFO		Placing (hours/100 ft)		1.5	0.58
18 Media Splicing and Placing Hours 19 Material Loading	UndergroundFO AerialCU		Splice (hours/100 pairs or hours/strand) Engineering Rate		0.1 0.2707	0.1 0.1
20 Material Loading	AerialCU24G		Engineering Rate		0.2707	0.1
2/ Material Loading	AerialFO		Engineering Rate		0.3572	0.1
22 Material Loading	BuildingCU		Engineering Rate		0.2707	0.1
∂3 Material Loading	BuildingCU24G		Engineering Rate		0.2707	0.1
24 Material Loading	BuildingFO		Engineering Rate		0.3572	0.1
Material Loading Ownerial Loading	BuriedCU BuriedCU24G		Engineering Rate Engineering Rate		0.2707 0.2707	0.1 0.1
a 1 Material Loading	BuriedFO		Engineering Rate		0.3572	0.1
28 Material Loading	Conduit	-,	Engineering Rate		0.2707	0.1
29 Material Loading	IntrabuildingCU		Engineering Rate		0.2707	0.1
30 Material Loading	IntrabuildingCU24G		Engineering Rate		0.2707	0.1
3 / Material Loading 32 Material Loading	IntrabuildingFO Pole		Engineering Rate Engineering Rate		0.3572	0.1
33 Material Loading	UndergroundCU		Engineering Rate		0.2707 0.2707	0.1 0.1
34 Material Loading	UndergroundCU24G		Engineering Rate		0.2707	0.1
g5Material Loading	· UndergroundFO		Engineering Rate		0.3572	0.1
36 Material Loading	AerialCU		Other Rate		0.342901	0.047103
37 Material Loading	AerialCU24G		Other Rate		0.342901	0.047103
경 Material Loading 왜 Material Loading	AerialFO BuildingCU		Other Rate Other Rate		0.1 44 844 0.273744	0.06970 3 0.004078
40 Material Loading	BuildingCU24G		Other Rate		0.273744	0.004078
41 Material Loading	BuildingFO		Other Rate		0.348742	0.010254
	BuriedCU		Other Rate .		0.226429	0.098799
43 Material Loading	BuriedCU24G		Other Rate		0.226429	0.098799
44 Material Loading 45 Material Loading	BurledFO Conduit		Other Rate Other Rate		0.093719	0.049723
46 Material Loading	IntrabuildingCU		Other Rate		0.213164 0.406793	0.09564 4 0.016407
47 Material Loading	IntrabuildingCU24G		Other Rate		0.406793	0.016407
#8 Material Loading	IntrabuildingFO		Other Rate		-0.562154	
119 Material Loading	Pole		Other Rate		0.161566	0.106971
50 Material Loading 57 Material Loading	UndergroundCU UndergroundCU24G		Other Rate Other Rate		0.271775	0.033078
52 Material Loading	UndergroundFO		Other Rate		0.271775 0.078187	0.033078 0.034546
≾3 Material Loading	AerialCU		Material Inflation		1.082155	1.009727
54 Material Loading	AerialCU24G		Material Inflation		1.082155	1.009727
55 Material Loading	AerialFO		Material Inflation		1.020134	1.028571
56 Material Loading	BujidingCU		Material Inflation		1.082155	1.009727
51 Material Loading 53 Material Loading	BuildingCU24G BuildingFQ		Material Inflation Material Inflation		1.082155 1.020134	1.009727 1.028571
59 Material Loading	BuriedCU		Material Inflation		1.071512	0.978072
60 Material Loading	BurledCU24G		Material Inflation		1.071512	0.978072
6 Material Loading	BuriedFO		Material Inflation		1.040536	1.056277
(> Material Loading	Conduit		Material Inflation		1.069988	1.065983
63 Material Loading 64 Material Loading	IntrabuildingCU		Material Inflation Material Inflation		1.09256	1.010421
US Material Loading	IntrabuildingCU24G IntrabuildingFO		Material Inflation		1,09256 1,040536	1.010421 1.051992
(¿lyMateriai Loading	Pole		Material Inflation		1.076832	1.039942
67 Material Loading	UndergroundCU		Material Inflation		1.09256	0.989559
US Material Loading	UndergroundCU24G		Material Inflation		1.09256	0.989559
CG Material Loading	UndergroundFO		Material Inflation		1	1.041667
70 Material Loading 71 Material Loading	AerialCU AerialCU24G		Misc. Material Rate Misc. Material Rate		1.21256 1.21256	0
72Material Loading	AerialFO .		Misc. Material Rate		0.305805	0
73 Material Loading	BuildingCU		Misc. Material Rate		1.114668	ō

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/1	<i>b</i>		<u>Be</u> llSouth	AT&T-WCom
Input Table	Element	<u>Variable</u>	Input	Input
/ Material Loading	BuildingCU24G	Misc. Material Rate	1.114668	0
2 Material Loading	BuildingFO	Misc. Material Rate	1.442284	0
3 Material Loading	BuriedCU BuriedCU24G	Misc. Material Rate Misc. Material Rate	0.526531	. 0
	BurledFO	Misc. Material Rate	0.526531 0.182974	_ 0 0
Material Loading Material Loading	Conduit	Misc. Material Rate	0.489881	ō
7 Material Loading	IntrabuildingCU	Misc. Material Rate	1.633235	ŏ
X Material Loading	IntrabuildingCU24G	Misc. Material Rate	1.633235	0
9 Material Loading	IntrabuildingFO	Misc. Material Rate	2.344201	. 0
10 Material Loading	Pole	Misc, Material Rate	0.224429	0
// Material Loading	UndergroundCU	Misc. Material Rate Misc. Material Rate	0.988971	0
/ 3 Material Loading / 3 Material Loading	UndergroundCU24G UndergroundFO	Misc. Material Rate	0.988971 0.179838	0
14 Aerial Structure	Poles 25	Material Cost	300.16	239.31
Aerial Structure	Poles 30	Material Cost	300.16	239.31
16 Aerial Structure	Poles 35	Material Cost	300.16	239.31
(7 Aerial Structure	Poles 40	Material Cost	300.16	239.31
18 Aerial Structure	Poles 45	Material Cost	300.16	239.31
	Poles 50 Poles 55	Material Cost Material Cost	300.16	239.31
21 Aerial Structure	Poles 60	Material Cost	300.16 300.16	239.31 239.31
22 Aerial Contract Labor	Poles 25	Contract Labor Cost	233.19	177.23
23 Aerial Contract Labor	Poles 30	Contract Labor Cost	233.19	177.23
24 Aerial Contract Labor	Poles 35	Contract Labor Cost	233.19	177.23
25 Aerial Contract Labor	Poles 40	Contract Labor Cost	233.19	177.23
26 Aerial Contract Labor	Poles 45	Contract Labor Cost	233,19	177.23
27 Aerial Contract Labor	Poles 50	Contract Labor Cost	233.19	177.23
Aerial Contract Labor	Poles 55	Contract Labor Cost	233.19	. 177.23
29 Aerial Contract Labor	Poles 60	Contract Labor Cost Contract Labor Cost	233.19	177.23
多() Aerial Contract Labor ろ() Aerial Structural Placing Hours	Anchor Guy (all types)	Telco Placing Hours	99.71 0.75	95.39 0
39 Labor Rate	Placing	Rate/Hour	49.05	58.86
33 Labor Rate	Splicing	Rate/Hour	49.05	58.86
34 Aerial Structure Spacing	Poles 25	Spacing	120	184
35 Aerial Structure Spacing	Poles 30	Spacing	. 120	184
36 Aerial Structure Spacing	Poles 35	Spacing	120	184
37 Aerial Structure Spacing	Poles 40	Spacing	120	184
36 Aerial Structure Spacing 39 Aerial Structure Spacing	Poles 45 Poles 50	Spacing Spacing	120 120	184 184
40 Aerial Structure Spacing	Poles 55	Spacing	120	184
4 Aerial Structure Spacing	Poles 60	Spacing	120	184
42 Aerial Structure Spacing	Anchor	Spacing	500	600
43 Aerial Structure Spacing	Guy (all types)	Spacing	500	600
44_Underground Contract Labor	Duct CU	Softrock Contract Labor Cost	2.77	0.82
45 Underground Contract Labor	Duct CU	Normal Contract Labor Cost	2.77	0.82
46 Underground Contract Labor	Duct CU	Hardrock Contract Labor Cost Water Contract Labor Cost	2.77	0.82
47 Underground Contract Labor 48 Underground Contract Labor	Duct CU Duct FO	Softrock Contract Labor Cost	2.77 2.77	0.82 0.82
49 Underground Contract Labor	Duct FO	Normal Contract Labor Cost	2.77	0.82
50 Underground Contract Labor	Duct FO	Hardrock Contract Labor Cost	2.77	0.82
5/ Underground Contract Labor	Duct FO	Water Contract Labor Cost	2.77	0.82
52 Underground Excavation Contract Labor	Backhoe Trench	Softrock Contract Labor Cost	14.84	11.44
53 Underground Excavation Contract Labor	Bore Cable	Softrock Contract Labor Cost	225.77	179.6
54 Underground Excavation Contract Labor 55 Underground Excavation Contract Labor	Cut & Restore Asphalt	Softrock Contract Labor Cost Softrock Contract Labor Cost	14.84	15.26
54 Underground Excavation Contract Labor	Cut & Restore Concrete Cut & Restore Sod	Softrock Contract Labor Cost	14.84 14.84	14 12.23
57 Underground Excavation Contract Labor	Hand Dig Trench	Softrock Contract Labor Cost	14.84	11.44
58 Underground Excavation Contract Labor	Rocky Trench	Softrock Contract Labor Cost	14.84	11.44
59 Underground Excavation Contract Labor	Trench & Backfill	Softrock Contract Labor Cost	14.84	11.44
60 Underground Excavation Contract Labor	Backhoe Trench	Normal Contract Labor Cost	14.84	11.44
b / Underground Excavation Contract Labor	Bore Cable	Normal Contract Labor Cost	225.77	179.6
Underground Excavation Contract Labor	Cut & Restore Asphalt	Normal Contract Labor Cost	14.84	15.26
(3 Underground Excavation Contract Labor (4 Underground Excavation Contract Labor	Cut & Restore Concrete	Normal Contract Labor Cost Normal Contract Labor Cost	14.84 14.84	14 12.23
(5 Underground Excavation Contract Labor	Cut & Restore Sod Hand Dig Trench	Normal Contract Labor Cost	14.84	11.44
& Gunderground Excavation Contract Labor	Rocky Trench	Normal Contract Labor Cost	14.84	11.44
67 Underground Excavation Contract Labor	Trench & Backfill	Normal Contract Labor Cost	14.84	11.44
UX Underground Excavation Contract Labor	Backhoe Trench	Hardrock Contract Labor Cost	14.84	11.44
Underground Excavation Contract Labor	Bore Cable	Hardrock Contract Labor Cost	225.77	179.6
70 Underground Excavation Contract Labor	Cut & Restore Asphalt	Hardrock Contract Labor Cost	14.84	15.26
71 Underground Excavation Contract Labor	Cut & Restore Concrete	Hardrock Contract Labor Cost	14.84	14
72 Underground Excavation Contract Labor 73 Underground Excavation Contract Labor	Cut & Restore Sod Hand Dig Trench	Hardrock Contract Labor Cost Hardrock Contract Labor Cost	14.84	12.23 11.44
	hand big trendit	Haldroov Colleger Fapor Cost	14.84	11.77

	COMPARISON OF BELLS	OUTH INPUTS TO AT&T-WORLDCOM	1 INPUTS		
\wedge	Ω	O		y	E
/ -{	B	C	•	<u>BellSouth</u>	AT&T-WCom
Input Table	Element	<u>Variable</u>	•	Input	input
/ Underground Excavation Contract Labor	Rocky Trench	Hardrock Contract Labor Cost Hardrock Contract Labor Cost		14.84	11.44
Underground Excavation Contract Labor Underground Excavation Contract Labor	Trench & Backfill Backhoe Trench	Water Contract Labor Cost		14.84 14.84	11.44
Underground Excavation Contract Labor Underground Excavation Contract Labor	Bore Cable	Water Contract Labor Cost		225.77	11. 44 179.6
5 Underground Excavation Contract Labor	Cut & Restore Asphalt	Water Contract Labor Cost		14.84	15.26
Underground Excavation Contract Labor	Cut & Restore Concrete	Water Contract Labor Cost		14.84	14
7 Underground Excavation Contract Labor	Cut & Restore Sod	Water Contract Labor Cost		14,84	12.23
Underground Excavation Contract Labor	"Hand Dig Trench	Water Contract Labor Cost		14.84	11.44
9 Underground Excavation Contract Labor	Rocky Trench	Water Contract Labor Cost	-	14.84	11.44
(O Underground Excavation Contract Labor () Underground Rural Excavation Activity	Trench & Backfill Bore Cable	Water Contract Labor Cost Normal Terrain: % of Activity		14.84 0.0267	11,44 0,0023
(1 Underground Rural Excavation Activity (2 Underground Rural Excavation Activity	Trench & Backfill	Normal Terrain: % of Activity		0.5267	0.6644
13 Underground Rural Excavation Activity	Backhoe Trench	SoftRock Terrain: % of Activity		0.45	0.22
14 Underground Rural Excavation Activity	Bore Cable	SoftRock Terrain: % of Activity		0.0367	0.0023
15 Underground Rural Excavation Activity	Hand Dig Trench	SoftRock Terrain: % of Activity		0.0433	0.03
16 Underground Rural Excavation Activity	Rocky Trench	SoftRock Terrain: % of Activity		0.3367	0
17 Underground Rural Excavation Activity	Trench & Backfill	SoftRock Terrain: % of Activity		0.05	0.6644
(§ Underground Rural Excavation Activity 19 Underground Rural Excavation Activity	Backhoe Trench	HardRock: % of Activity HardRock: % of Activity		0.3033	0.22
20 Underground Rural Excavation Activity	Bore Cable Hand Dig Trench	HardRock: % of Activity		0.0267 0.0433	0.0023 0.03
Underground Rural Excavation Activity	Rocky Trench	HardRock: % of Activity		0.5433	0.03
22 Underground Rural Excavation Activity	Trench & Backfill	HardRock: % of Activity		. 5.5.00	0.6644
23 Underground Rural Excavation Activity	Backhoe Trench	Water: % of Activity		0.3033	0.22
24 Underground Rural Excavation Activity	Bore Cable	Water: % of Activity		0.0267	0.0023
25 Underground Rural Excavation Activity	Hand Dig Trench	Water. % of Activity		0.0433	0.03
26 Underground Rural Excavation Activity	Rocky Trench	Water: % of Activity		0.5433	0
21 Underground Rural Excavation Activity	Trench & Backfill	Water. % of Activity Normal Terrain: % of Activity		0 0575	0.6644
38 Underground Suburban Excavation Activity 29 Underground Suburban Excavation Activity	Bore Cable Trench & Backfill	Normal Terrain: % of Activity		0.0575 0.235	0.0049 0.2876
30 Underground Suburban Excavation Activity	Backhoe Trench	SoftRock Terrain: % of Activity		0.195	0.2825
31 Underground Suburban Excavation Activity	Bore Cable	SoftRock Terrain: % of Activity		0.0575	0.0049
32 Underground Suburban Excavation Activity	Rocky Trench	SoftRock Terrain: % of Activity		0.235	0
33 Underground Suburban Excavation Activity	Trench & Backfill	SoftRock Terrain: % of Activity		0.0875	0.2876
84 Underground Suburban Excavation Activity	Backhoe Trench	HardRock: % of Activity		0.13	0.2825
35 Underground Suburban Excavation Activity	Bore Cable	HardRock: % of Activity		0.0575	0.0049
26 Underground Suburban Excavation Activity	Rocky Trench	HardRock: % of Activity		0.3875	0
37 Underground Suburban Excavation Activity 38 Underground Suburban Excavation Activity	Trench & Backfill Backhoe Trench	HardRock: % of Activity Water: % of Activity		0 0.13	0.2876 0.2825
39 Underground Suburban Excavation Activity	Bore Cable	Water: % of Activity		0.0575	0.0049
40 Underground Suburban Excavation Activity	Rocky Trench	Water: % of Activity		0,3875	0
41 Underground Suburban Excavation Activity	Trench & Backfill	Water: % of Activity	•	0	0.2876
42 Underground Urban Excavation Activity	Bore Cable	Normal Terrain: % of Activity		0.125	0.0108
43 Underground Urban Excavation Activity	Trench & Backfill	Normal Terrain: % of Activity		0.04	0.1542
44 Underground Urban Excavation Activity 45 Underground Urban Excavation Activity	Backhoe Trench Bore Cable	SoftRock Terrain: % of Activity SoftRock Terrain: % of Activity		0.15	0.175
46 Underground Urban Excavation Activity	Rocky Trench	SoftRock Terrain: % of Activity		0.125 0.055	0.0108 0
47 Underground Urban Excavation Activity	Trench & Backfill	SoftRock Terrain: % of Activity		0.01	0.1542
uk Underground Urban Excavation Activity	Backhoe Trench	HardRock: % of Activity	•	0.09	0.175
49 Underground Urban Excavation Activity	Bore Cable -	HardRock: % of Activity	•	0.125	0.0108
50 Underground Urban Excavation Activity	Rocky Trench	HardRock: % of Activity		. 0.125	0
57 Underground Urban Excavation Activity	Trench & Backfill	HardRock: % of Activity		0	0.1542
52 Underground Urban Excavation Activity	Backhoe Trench	Water: % of Activity		0.09	0.175
53 Underground Urban Excavation Activity 54 Underground Urban Excavation Activity	Bore Cable Rocky Trench	Water: % of Activity Water: % of Activity		0.125 0.125	0.0108 0
55 Underground Urban Excavation Activity	Trench & Backfill	Water: % of Activity		0.125	0.1542
56 Underground Sharing	Backhoe Trench	Rural Shared Percent Assigned to	Telephone	0.99	0.50
57 Underground Sharing	Bore Cable	Rural Shared Percent Assigned to		0.99	0.50
58 Underground Sharing	Cut & Restore Asphalt	Rural Shared Percent Assigned to		0.99	0.50
39 Underground Sharing	Cut & Restore Concrete	Rural Shared Percent Assigned to		0.99	0.50
(4) Underground Sharing (4) Underground Sharing	Cut & Restore Sod	Rural Shared Percent Assigned to		0.99	0.50
(¿2 Underground Sharing	Hand Dig Trench Rocky Trench	Rural Shared Percent Assigned to Rural Shared Percent Assigned to		0.9 9 0.99	0.50 0.50
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(4 Underground Sharing	Backhoe Trench	Rural Shared Percent Assigned to	_ ''.	0.99	0.50
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44 Underground Sharing	Cut & Restore Asphalt	Suburb Shared Percent Assigned t	•	0.99	0.3300
67 Underground Sharing	Cut & Restore Concrete	Suburb Shared Percent Assigned t	_ '	0.99	0.3300
(% Underground Sharing	Cut & Restore Sod	Suburb Shared Percent Assigned t	·	0.99	0.3300
69 Underground Sharing 70 Underground Sharing	Hand Dig Trench	Suburb Shared Percent Assigned t Suburb Shared Percent Assigned t		0.99	0.3300
7/ Underground Sharing	Rocky Trench Trench & Backfill	Suburb Shared Percent Assigned to Suburb Shared Percent Assigned to	_ `	0.99 0.99	0.3300 0.3300
72 Underground Sharing	Backhoe Trench	Suburb Shared Percent Assigned t		0.99	0.3300
73 Underground Sharing	Bore Cable	Urban Shared Percent Assigned to	•	0.99	0.3300
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March Color Part	Ω	B	C	D	E
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Sa Burled Excavation Contract Labor Rocky Plow Water Contract Labor Cost 5.18 2.20 53 Burled Excavation Contract Labor Rocky Trench Water Contract Labor Cost 5.18 2.20 55 Burled Excavation Contract Labor Trench & Backfill Water Contract Labor Cost 5.18 2.20 55 Burled Rural Excavation Activity Bore Cable Normal: % of Activity 0.01 0.001 56 Burled Rural Excavation Activity Trench & Backfill Normal: % of Activity 0.067 0.08 57 Burled Rural Excavation Activity Bore Cable SoftRock: % of Activity 0.067 0.08 58 Burled Rural Excavation Activity Bore Cable SoftRock: % of Activity 0.008 0.0367 59 Burled Rural Excavation Activity Bore Cable SoftRock: % of Activity 0.001 0.001 59 Burled Rural Excavation Activity Bore Cable SoftRock: % of Activity 0.0367 0.02 50 Burled Rural Excavation Activity Hand Dig Trench SoftRock: % of Activity 0.0367 0.02 50 Burled Rural Excavation Activity Plow SoftRock: % of Activity 0.33 0.78 50 Burled Rural Excavation Activity Rocky Plow SoftRock: % of Activity 0.0307 0.001 50 Burled Rural Excavation Activity Rocky Plow SoftRock: % of Activity 0.006 0 50 Burled Rural Excavation Activity Rocky Plow SoftRock: % of Activity 0.0833 0.08 50 Burled Rural Excavation Activity Rocky Plow SoftRock: % of Activity 0.0833 0.08 50 Burled Rural Excavation Activity Backhoe Trench HardRock: % of Activity 0.0267 0.0367 50 Burled Rural Excavation Activity Bore Cable HardRock: % of Activity 0.0233 0.02 50 Burled Rural Excavation Activity Bore Cable HardRock: % of Activity 0.0233 0.02 50 Burled Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.0433 0.002 50 Burled Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.04933 0 50 0.078 50 0.078 50 0.079					
Seried Excavation Contract Labor Trench & Backfill Water Contract Labor Cost 5.18 2.20 57 Buried Excavation Activity Bore Cable Normal: % of Activity 0.001					
Buried Rural Excavation Activity Buried Rural Excavation Activity French & Backfill Normal: % of Activity O.067 O.08 Thereof Rural Excavation Activity Buried Rural Excavation Activity Rocky Flow SoftRock: % of Activity O.060 Cy Buried Rural Excavation Activity Backhoe Trench SoftRock: % of Activity O.0833 O.08 Cy Buried Rural Excavation Activity Backhoe Trench HardRock: % of Activity O.0267 O.0357 Cy Buried Rural Excavation Activity Bore Cable HardRock: % of Activity O.027 Buried Rural Excavation Activity Hand Dig Trench HardRock: % of Activity O.0233 O.02 Cy Buried Rural Excavation Activity Hand Dig Trench HardRock: % of Activity O.033 O.078 Cy Buried Rural Excavation Activity Hand Dig Trench HardRock: % of Activity O.0233 O.02 Cy Buried Rural Excavation Activity Plow HardRock: % of Activity O.033 O.0367 O.049 Buried Rural Excavation Activity Plow HardRock: % of Activity O.049 O.078 Cy Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity O.049 O.078 Cy Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity O.0933 O.093 O.094 O.095 O.095 O.098 O		•	Water Contract Labor Cost		
Buried Rural Excavation Activity Backhoe Trench SoftRock: % of Activity Buried Rural Excavation Activity Plow SoftRock: % of Activity SoftRock: % of Activity O.0367 O.02 Common SoftRock: % of Activity Divided Rural Excavation Activity Plow SoftRock: % of Activity SoftRock: % of Activity O.033 O.78 U Buried Rural Excavation Activity Rocky Plow SoftRock: % of Activity O.01 O.0033 U Buried Rural Excavation Activity Rocky Plow SoftRock: % of Activity O.060 OUTHORSON ORDOR ORDO	-,)	Trench & Backfill		5.18	2.20
Burled Rural Excavation Activity Bore Cable SoftRock: % of Activity SoftRock:					
Syluried Rural Excavation Activity Sorial Excava	59 Buried Rural Excavation Activity		· · · · · · · · · · · · · · · · · · ·		
Buried Rural Excavation Activity Plow SoftRock: % of Activity 0.0367 0.02	5 / Buried Rural Excavation Activity				
Buried Rural Excavation Activity Plow SoftRock: % of Activity 0.33 0.78			···		
€ I Buried Rural Excavation Activity Push Pipe & Puil Cable SoftRock: % of Activity 0.01 0.0033 € Buried Rural Excavation Activity Rocky Plow SoftRock: % of Activity 0.3067 0 € Buried Rural Excavation Activity Rocky Trench SoftRock: % of Activity 0.06 0 € Buried Rural Excavation Activity Backfill SoftRock: % of Activity 0.0833 0.08 € Buried Rural Excavation Activity Backhoe Trench HardRock: % of Activity 0.0267 0.0367 € Buried Rural Excavation Activity Bore Cable HardRock: % of Activity 0.01 0.001 € Buried Rural Excavation Activity Hand Dig Trench HardRock: % of Activity 0.0233 0.02 € Buried Rural Excavation Activity Plow HardRock: % of Activity 0 0.78 ₹ Buried Rural Excavation Activity Push Pipe & Pull Cable HardRock: % of Activity 0.01 0.003 70 Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.4933 0 71 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0 72 Buried Rural Excavation Activity Rocky Trench<			•		
C3 Buried Rural Excavation Activity Rocky Trench SoftRock: % of Activity 0.06 0 L4 Buried Rural Excavation Activity Trench & Backfill SoftRock: % of Activity 0.0833 0.08 L5 Buried Rural Excavation Activity Backhoe Trench HardRock: % of Activity 0.0267 0.0367 L6 Buried Rural Excavation Activity Bore Cable HardRock: % of Activity 0.01 0.001 L7 Buried Rural Excavation Activity Hand Dig Trench HardRock: % of Activity 0.0233 0.02 L6 Buried Rural Excavation Activity Plow HardRock: % of Activity 0.01 0.078 L7 Buried Rural Excavation Activity Push Pipe & Pull Cable HardRock: % of Activity 0.001 0.0033 T0 Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.4933 0 T1 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0 T2 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0 T3 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.08	- 1 ·				
Ly Buried Rural Excavation Activity Backhoe Trench Backfill BoffRock: % of Activity D.0833 D.08 SoftRock: % of Activity D.0267 D.0367		Rocky Plow	SoftRock: % of Activity	0.3067	0
Backhoe Trench HardRock: % of Activity 0.0267 0.0367 Let Buried Rural Excavation Activity Bore Cable HardRock: % of Activity 0.01 0.001 Let Buried Rural Excavation Activity Hand Dig Trench HardRock: % of Activity 0.0233 0.02 Let Buried Rural Excavation Activity Plow HardRock: % of Activity 0.078 Let Buried Rural Excavation Activity Plow HardRock: % of Activity 0.01 0.033 Let Buried Rural Excavation Activity Plow HardRock: % of Activity 0.01 0.0033 Let Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.4933 0.0033 Let Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.2933 0.0033 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0.0033 Let Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0.0033 To Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.068					
Bore Cable HardRock: % of Activity 0.01 0.001 7 Buried Rural Excavation Activity Hand Dig Trench HardRock: % of Activity 0.0233 0.02 6 Buried Rural Excavation Activity Plow HardRock: % of Activity 0.078 1 Buried Rural Excavation Activity Plow HardRock: % of Activity 0.01 0.0033 7 Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.4933 0.02 7 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0.02 7 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.0933 0.0033 7 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0.0033 8 Duried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.0933 0.0033 9 Duried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.0933 0.0033 9 Duried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.0933 0.0033 9 Duried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.0933 0.0033 9 Duried Rural Excavation Activity 0.0933 0.0033					
\$\begin{align*} 7 \text{ Burled Rural Excavation Activity} \text{ Hand Dig Trench} \text{ HardRock: % of Activity} \text{ 0.0233} \text{ 0.022} \\ \(\begin{align*} \begin{align*} 5 \text{ Burled Rural Excavation Activity} \text{ Plow HardRock: % of Activity} \text{ 0.01} \text{ 0.0033} \\ \(\begin{align*} \text{ Push Pipe & Pull Cable} \text{ HardRock: % of Activity} \text{ 0.01} \text{ 0.0033} \text{ 0.0033} \\ \text{ 0.0033} \tex					
6 & Burled Rural Excavation Activity Plow HardRock: % of Activity 0 0.78 6 Burled Rural Excavation Activity Push Pipe & Pull Cable HardRock: % of Activity 0.01 0.0033 70 Burled Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.4933 0 71 Burled Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0 72 Burled Rural Excavation Activity Trench & Backfill HardRock: % of Activity 0.06 0.08	7.7 Buried Rural Excavation Activity		•		
kg Buried Rural Excavation Activity Push Pipe & Pull Cable HardRock: % of Activity 0.01 0.0033 70 Buried Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.4933 0 71 Buried Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0 72 Buried Rural Excavation Activity Trench & Backfill HardRock: % of Activity 0.06 0.08			•		
70 Burled Rural Excavation Activity Rocky Plow HardRock: % of Activity 0.4933 0 71 Burled Rural Excavation Activity Rocky Trench HardRock: % of Activity 0.2933 0 72 Burled Rural Excavation Activity Trench & Backfill HardRock: % of Activity 0.06 0.08				_	
72 Burled Rural Excavation Activity Trench & Backfill HardRock: % of Activity 0.06 0.08	70 Buried Rural Excavation Activity		HardRock: % of Activity	0.4933	0
		-			
r 2 duried India) Excavation Activity Backnob French Water, % of Activity 0.0267 0.0367			•		
	7 Donley Rulai excavation Activity	oacknoe French	YValer: 76 OF ACTIVITY	0.0267	0.0367

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f	B	C		Dall Davidh	AT&T-WCom
Input Table	Element	Variable	•	BellSouth Input	Input
Buried Rural Excavation Activity	Bore Cable	Water: % of Activity		0.01	0.001
⊕ Burled Rural Excavation Activity	Hand Dig Trench	Water: % of Activity		0.0233	0.02
3 Buried Rural Excavation Activity	Plow	Water: % of Activity		Q	0.78
4 Buried Rural Excavation Activity	Push Pipe & Pull Cable	Water. % of Activity		0.01	0.0033
5 Buried Rural Excavation Activity	Rocky Plow	Water. % of Activity		0.4933	0
Buried Rural Excavation Activity	Rocky Trench	Water. % of Activity		0.2933	0
Buried Rural Excavation Activity	Trench & Backfill	Water, % of Activity		0.06	0.08
Buried Suburban Excavation Activity	Bore Cable	Normal: % of Activity		0.0575	0.0049
Buried Suburban Excavation Activity	Trench & Backfill	Normal: % of Activity SoftRock: % of Activity		0.1925	0.2451
10 Burled Suburban Excavation Activity 11 Burled Suburban Excavation Activity	Backhoe Trench Bore Cable	SoftRock: % of Activity		0.1125 0.0575	0.13 0.0049
11 Buried Suburban Excavation Activity 12 Buried Suburban Excavation Activity	Plow	SoftRock: % of Activity		0.0275	0.1575
13 Buried Suburban Excavation Activity	Rocky Plow	SoftRock: % of Activity		0.0475	0.7075
14 Buried Suburban Excavation Activity	Rocky Trench	SoftRock: % of Activity		0.2	Ŏ
15 Buried Suburban Excavation Activity	Trench & Backfill	SoftRock: % of Activity		0.0925	0.2451
We Buried Suburban Excavation Activity	Backhoe Trench	HardRock: % of Activity		0.12	0.13
17 Buried Suburban Excavation Activity	Bore Cable	HardRock: % of Activity		0.0575	0.0049
18 Buried Suburban Excavation Activity	Plow	HardRock: % of Activity		0	0.1575
19 Buried Suburban Excavation Activity	Rocky Plow	HardRock: % of Activity		0.0475	, 0
30 Buried Suburban Excavation Activity	Rocky Trench	HardRock: % of Activity		0.3125	0
21 Burled Suburban Excavation Activity	Trench & Backfill	HardRock: % of Activity		0	0.2451
22 Buried Suburban Excavation Activity	Backhoe Trench	Water. % of Activity		0.12	0.13
Buried Suburban Excavation Activity	Bore Cable	Water, % of Activity		0.0575	0.0049
34 Burled Suburban Excavation Activity	Plow	Water: % of Activity		0	0.1575
25 Buried Suburban Excavation Activity 26 Buried Suburban Excavation Activity	Rocky Plow	Water: % of Activity Water: % of Activity		0.0475 0.3125	0
27 Buried Suburban Excavation Activity	Rocky Trench Trench & Backfill	Water, % of Activity		0.3123	0.2451
ವಿ Buried Urban Excavation Activity	Bore Cable	Normal: % of Activity		. 0.125	- 0.0108
29 Buried Urban Excavation Activity	Trench & Backfill	Normal: % of Activity		0.04	0.1542
30 Buried Urban Excavation Activity	Backhoe Trench	SoftRock: % of Activity		0.15	0.175
3 Buried Urban Excavation Activity	Bore Cable	SoftRock: % of Activity		0.125	0.0108
32 Buried Urban Excavation Activity	Rocky Trench	SoftRock: % of Activity		0.055	0
33 Buried Urban Excavation Activity	Trench & Backfill	SoftRock: % of Activity		0.01	0.1542
த்⊈ Buried Urban Excavation Activity	Backhoe Trench	HardRock: % of Activity		0.09	0.175
35 Buried Urban Excavation Activity	Bore Cable	HardRock: % of Activity		. 0.125	0.0108
36 Burled Urban Excavation Activity	Rocky Trench	HardRock: % of Activity		0.125	0
37 Buried Urban Excavation Activity	Trench & Backfill	HardRock: % of Activity		0	0.1542
38 Buried Urban Excavation Activity	Backhoe Trench	Water % of Activity		0.09	0.175
39 Buried Urban Excavation Activity	Bore Cable	Water. % of Activity		0.125	0.0108 0
40Buried Urban Excavation Activity 44 Buried Urban Excavation Activity	Rocky Trench Trench & Backfill	Water. % of Activity Water. % of Activity		0.125 0	0.1542
42 Buried Sharing	Backhoe Trench	Rural: % Tekco	•	0,96	0.1342
42 Buried Sharing	Bore Cable	Rural: % Telco		0.96	0.5
44 Burled Sharing	Cut & Restore Asphalt	Rural: % Telco		0.96	0.5
45 Burled Sharing	Cut & Restore Concrete	Rural; % Telco		0.96	0.5
46 Buried Sharing	Cut & Restore Sod	Rural: % Telco		0.96	0.5
47 Buried Sharing	Free Trench (i.e. Developer)	Rural: % Telco		0.96	_ 0,5
सुर्दू Burled Sharing	Hand Dig Trench	Rural: % Telco	_	0.96	- 0.5
49 Buried Sharing	Plow	Rural: % Telco	•	0.96	0.5
50 Buried Sharing	Push Pipe & Pull Cable	Rural: % Telco		0.96	0.5
57 Burled Sharing	Rocky Plow	Rural: % Telco		0.96	0.5
52 Buried Sharing	Rocky Trench	Rural: % Telco		0.98	0.5
53 Buried Sharing 54 Buried Sharing	Trench & Backfill Backhoe Trench	Rural: % Telco Suburban: % Telco		0.96 0.96	0.5 0.33
55 Buried Sharing	Bore Cable	Suburban: % Telco		0.96	0.33
54 Buried Sharing	Cut & Restore Asphalt	Suburban: % Telco		0.96	0.33
5) Buried Sharing	Cut & Restore Concrete	Suburban: % Tekco		0.96	0.33
58 Buried Sharing	Cut & Restore Sod	Suburban: % Telco		0.96	0.33
59 Burled Sharing	Free Trench (I.e. Developer)	Suburban: % Telco		0.96	0.33
رِيُ Buried Sharing	Hand Dig Trench	Suburban: % Telco		0,96	0.33
(a) Buried Sharing	Plow	Suburban: % Telco		0.96	0.3 3
42 Buried Sharing	Push Pipe & Pull Cable	Suburban: % Telco		0.96	0.33
€3 Burled Sharing	Rocky Plaw	Suburban: % Telco		0.96	0.33
CY Buried Sharing	Rocky Trench	Suburban: % Telco		0.96	0.33
Buried Sharing	Trench & Backfill	Suburban; % Telco		0.96	0.33
(b Buried Sharing () Buried Sharing	Backhoe Trench	Urban: % Teko		0.96	0.33 0.33
€ { Buried Sharing	Bore Cable Cut & Restore Asphalt	Urban: % Telco Urban: % Telco		0.96 0.96	0.33
(29) Buried Sharing	Cut & Restore Concrete	Urban: % Telco		0.96	0.33
70 Buried Sharing	Cut & Restore Sod	Urban: % Teko		0.96	0.33
71 Burled Sharing	Free Trench (i.e. Developer)	Urban: % Teko		0.96	0.33
72-Burled Sharing	Hand Dig Trench	Urban: % Telco		0.96	0.33
73Buried Sharing	Plow	Urban: % Telco		0.96	0.33

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F(P	('_	D-110	AT&T-WCom
1 Public	Element	Variable .	BellSouth	Input
Input Table	<u>Element</u> Push Pipe & Pull Cable	Urban: % Teko	<u>Input</u> 0.96	0.33
/ Buried Sharing	Rocky Plow	Urban: % Telco	0.96	0.33
3- Buried Sharing	Rocky Trench	Urban: % Teko	0.96	0.33
3 Buried Sharing	Trench & Backfill .	Urban: % Telco	0.96	0.33
4 Buried Sharing	Manholes 1 —	Softrock Contract Labor Cost	3235.16	1463.36
5 Underground Contract Labor	Manholes 2	Softrock Contract Labor Cost	3235.16 3235.16	731.68
G Underground Contract Labor	Manholes 3	Softrock Contract Labor Cost	10064.95	731.68
7 Underground Contract Labor	Manholes 5	Softrock Contract Labor Cost	31575.1288	2016.04
& Underground Contract Labor		Normal Contract Labor Cost –	3235.16	1463.36
9 Underground Contract Labor	Manholes 1	Normal Contract Labor Cost	3235.16 3235.16	731.68
/o Underground Contract Labor	Manholes 2	Normal Contract Labor Cost		731.68
/ Underground Contract Labor	Manholes 3	Normal Contract Labor Cost Normal Contract Labor Cost	10064.95	
1 2- Underground Contract Labor	Manholes 5		31575.1288	2016.04
13 Underground Contract Labor	Manholes 1	Hardrock Contract Labor Cost	3235.16	1463.36
14 Underground Contract Labor	Manholes 2	Hardrock Contract Labor Cost	3235.16	731.68
(5 Underground Contract Labor	Manholes 3	Hardrock Contract Labor Cost	10064.95	731.68
/ (e Underground Contract Labor	Manholes 5	Hardrock Contract Labor Cost	31575.1288	2016.04
17 Underground Contract Labor	Manholes 1	Water Contract Labor Cost	3235.16	1463.36
/g Underground Contract Labor	Manholes 2	Water Contract Labor Cost	3235.16	731.68
19 Underground Contract Labor	Manholes 3	Water Contract Labor Cost	10064.95	731.68
Underground Contract Labor ع و	Manholes 5	Water Contract Labor Cost	31575,1288	2016.04
த்/ Facility Sharing (Plant Sharing)	Rural	Aerial Facility Sharing Percentage	0.25	0.75
22 Facility Sharing (Plant Sharing)	· Suburban	Aerial Facility Sharing Percentage	0.25	0.75
23 Facility Sharing (Plant Sharing)	Urban	Aenal Facility Sharing Percentage	0.25	0.75
→ Y Facility Sharing (Plant Sharing)	Rural	Buried Facility Sharing Percentage	0.25	0.75
Facility Sharing (Plant Sharing)	Suburban	Buried Facility Sharing Percentage	0.25	0.75
6 Facility Sharing (Plant Sharing)	Urban	Buried Facility Sharing Percentage	0.25	0.75
27 Facility Sharing (Plant Sharing)	Rural	UG Facility Sharing Percentage	0.25	0.75
ク∛ Facility Sharing (Plant Sharing)	Suburban	UG Facility Sharing Percentage	0.25	0.75
→9 Facility Sharing (Plant Sharing)	Urban	UG Facility Sharing Percentage	0.25	0.75
30 Cost Calculator	In-Plant Factor	DLC Plug-In Equipment	1.1682	1.00239
31 Cost Calculator	In-Plant Factor	DLC Hardwire Equipment	2.5184	1.168
32 Cost Calculator	Inflation	FRC 22	1.0822	1.009727
33 Cost Calculator	Inflation	FRC 45	1,0715	0.978072
3√ Cost Calculator	Inflation	FRC 377	. 1.0201	0.927619
₹ Cost Calculator	Inflation	FRC 257	0.98	1.010582

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	Copper Labor & EF&I Costing - Undergro		und 24 Gauge		E		•		G	
A	B	\mathcal{C}	\mathcal{D}		Brilsoni OchoSiz		F			
Maner No.	as a second control of the second control of the second control of the second control of the second control of	Para de la	BANG RATE	25	[2000]	200	R Rate	30 25 30	1200	4200岁
1_1_	Labor rate (Splicing and Placing)	BSTLM Input	\$49.05				\$49.05			
2	Placing Labor per 100 ft.	BSTLM Input		2.50	2.50	2.50		0.58	0.58	0.58
3	Total Placing Cost per Foot	Ln1 * Ln2 / 100		\$1.23	\$1.23	\$1.23	i	\$0.29	\$0.29	\$0.29
4	Splicing Set-up Hours	BSTLM Input		0	0	o		2.00	2.00	2.00
5	Splicing Travel Hours	BSTLM Input		0	0	0		0.25	0.25	0.25
6	Splicing Labor per 100 pairs	BSTLM Input		5.32	5.32	5.32		0.40	0.40	0.40
	Splicing Labor Hours per 100 pairs for Stub	BSTLM Input	·	5.32	5.32	5.32		<u>-</u>	-	
8	Splicing Hours	Ln4 + Ln5 + Cable Size / 100* (Ln6 + Ln7)		2.66	127.68	446.88		2.35	7.05	19.05
9	Splicing Cost	Ln1 * Ln 8		\$130.47	\$6,262.70	\$21,919.46	.	\$115.27	\$345.80	\$934.40
10	Assumption of Splicing per X Feet	Assumption	600				600			
11	Splicing Cost per X Feet	Ln9 / Ln 10	·	\$0.22	\$10.44	\$36.53		\$ 0.19	\$0.58	\$1.56
12	Material Cost Per Foot	BSTLM Input		\$0.13	\$ 6.45	\$22.26		\$0.13	\$ 6.45	\$22.26
13	Material Loading	Rate * Ln12	165.08%	\$0.21	\$10.65	\$36.75		\$0.12	\$1.37	\$4.51
14	Inflation	Rate * Ln12 +Sum (Ln15 : L18) * Rate * Ln12	9.26%	\$0.03	\$1.45	\$5.00	-1.04%	\$0.00	-\$0.08	-\$0.28
15	Tax Rate	Rate * Ln12	6.00%	\$0.01	\$0.39	\$1.34	6.00%	\$0.01	\$0.39	\$1.34
16	Misc. Material Loading*	Rate * Ln12	98.90%	\$0.13	\$6.38	\$22.01		\$0.10	\$0.17	\$0.37
17	Supply Expense Loading	Rate * Ln12	10.55%	\$0.01	\$0.68	\$2.35	10.55%	\$0.01	\$0.68	\$2.35
18	Other Loading	Ln18a + Ln 18b + Ln18c	27.18%	\$0.04	\$1.75	\$6.05	3.31%	\$0.00	\$0.21	\$0.74
18a	Plt Labor - Indirect Salary, Benefits Other	Rate * Ln12	23.87%	\$0.03	\$1.54	\$ 5.31	0.00%	\$0.00	\$0.00	\$0.00
18b	Right of Way Items	Rate * Ln12	0.16%	\$0.00	\$0.01	\$0.04	0.16%	\$0.00	\$0.01	\$0.04
18c	Interest During Construction Items	Rate * Ln12	3.15%	\$0.00	\$0.20	\$0.70	3.15%	\$0.00	\$0.20	\$0.70
19	Placing Cost	Ln3		\$1.23	\$1.23	\$1.23		\$0.29	\$0.29	\$0.29
20	Splicing Cost	Ln11		\$0.22	\$10.44	\$36.53		\$0.19	\$0.58	\$ 1.56
21	Material, Material Loading and Labor	Ln 12 + Ln13 + Ln 19 + Ln20		\$1.79	\$28.76	\$96.77		\$0.73	\$8.68	\$28.61
22	Engineering Loading	Rate * Ln21	27.07%	\$0.48	\$7.79	\$26.19	10.00%	\$0.07	\$0.87	\$2.86
23	Total Loading	Ln13 + Ln19 + Ln20 + Ln22		\$2.14	\$30.10	\$100.70		\$0.67	\$ 3.10	\$9.21
24	Total Cable Cost per Foot	Ln12 + Ln23		\$2.27	\$36.55	\$122.96		\$0.80	\$9.55	\$31.47
			FCC SynMod	\$5.28	\$15.16	\$40.36				

Miscellaneous material for AT&T WorldCom is 20% of contract labor

Fiber Labor & EF&I Costing - Undergro					E			Ć	9	
A	B	C	D		BellSouth Cable Size	建加热	F		T&TEWCo Cable Siz	
Lineino	Mark to the second seco	THE REPORT OF THE PROPERTY OF	Garage Rate Man	2000年	## 10 A.S.	輸到鐵	機Raten	2 (1)	建筑代献	通数144款
1	Labor rate (Splicing and Placing)	BSTLM Input	\$49.05				\$49.05			
2	Placing Labor per 100 ft.	· BSTLM Input		1.50	1.50	1.50		0.58	0.58	0.58
3	Total Placing Cost per Foot	Ln1 * Ln2 / 100		\$0.74	\$0.74	\$0.74		\$0.29	\$0.29	\$0.29
4	Splicing Set-up Hours	BSTLM Input		0	0	0		2.00	2.00	2.00
5	Splicing Travel Hours	BSTLM Input		0	0	0	1	0.25	0.25	0.25
6	Splicing Labor per strand	BSTLM Input		0.10	0.10	0.10		0.10	0.10	0.10
	Splicing Hours	Ln4 + Ln5 + Cable Size / 100* Ln6		2.40	7.20	14.40		4.65	9.45	16.65
8	Splicing Cost	Ln1 * Ln 7		\$117.72	\$353.16	\$706.32	<u></u>	\$228.08	\$463.52	\$816.68
9	Assumption of Splicing per X Feet	Assumption	600				600			L
10	Splicing Cost per X Feet	Ln8 / Ln 9		\$0.20	\$0.59	\$1.18		\$0.38	\$0.77	\$1.36
11	Material Cost Per Foot	BSTLM Input		\$0.72	\$1.58	\$2.77		\$0.72	\$1.58	\$2.77
12	Material Loading	Rate * Ln11	38.55%	\$0.28	\$0.61	\$1.07		\$0.28	\$0.54	\$0.91
13	Inflation	Rate * Ln11 +Sum (Ln14 : L17) * Rate * Ln11	0.00%	\$0.00	\$0.00	\$0.00	4.17%	\$0.03	\$0.08	\$0.13
14	Tax Rate	Rate * Ln11	6.00%	\$0.04	\$0.09	\$0.17	6.00%	\$0.04	\$0.09	\$ 0.17
15	Misc. Material Loading*	Rate * Ln11	17.98%	\$0.13	\$0.28	\$0.50		\$0.13	\$0.21	\$0.33
16	Supply Expense Loading	Rate * Ln11	6.75%	\$0.05	\$0.11	\$0.19	6.75%	\$0.05	\$0.11	\$0.19
17	Other Loading	Ln17a + Ln 17b + Ln17c	7.82%	\$0.06	\$0.12	\$0.22	3.45%	\$0.02	\$0.05	\$0.10
17a	Plt Labor - Indirect Salary, Benefits Other	Rate * Ln11	4.36%	\$0.03	\$0.07	\$0.12	0.00%	\$0.00	\$0.00	\$0.00
17b	Right of Way Items	Rate * Ln11	0.06%	\$0.00	\$0.00	\$0.00	0.06%	\$0.00	\$0.00	\$0.00
17c	Interest During Construction Items	Rate * Ln11	3.39%	\$0.02	\$0.05	\$0.09	3.39%	\$0.02	\$0.05	\$0.09
18	Placing Cost	Ln3		\$0.74	\$0.74	\$0.74		\$0.29	\$0.29	\$0.29
19	Splicing Cost	Ln10		\$0.20	\$0.59	\$1.18		\$0.38	\$0.77	\$1.3 6
20	Material, Material Loading and Labor	Ln 11.+ Ln12 + Ln 18 + Ln19		\$1.93	\$3.51	\$5.75		\$1.67	\$3.18	\$5.33
21	Engineering Loading	Rate * Ln20	35.72%	\$0.69	\$1.26	\$2.05	10.00%	\$0.17	\$0.32	\$0.53
22	Total Loading	Ln12 + Ln18 + Ln19 + Ln21		\$1.90	\$ 3.19	\$5.04		\$1.12	\$1.92	\$3.09
23	Total Cable Cost per Foot	Ln11 + Ln22		\$2.62	\$4.77	\$7.81		\$1.84	\$3.50	\$5.86

^{*} Miscellaneous material for AT&T WorldCom is 20% of contract labor

Pole Costing Comparison

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11	Material Cost	BSTLM Input		\$	300.16			\$ 300.16		\$ 239.31			\$ 239.31
2	Span Length	BSTLM Input			1,200			·		1,200			
3	Material Cost w/ Extra Pole per Ft	round(Ln1 * ((Ln2/Ln16+1)/(Ln2/Ln16)),0)		\$	330.18			\$ 330.18		\$ 293.55			\$ 293.55
4	Material Loading	Rate * Ln3	56.87%	\$	187.78			\$ 187.78		\$ 95.54			\$ 95.54
5	Inflation	Rate * Ln3 +Sum (Ln6 : L9) * Rate * Ln3	7.68%	\$	36.96			\$ 36.96	3.99%	\$ 13.81			\$ 13.81
6	Tax Rate	Rate * Ln3	6.00%	\$	19.81			\$ 19.81	6.00%	\$ 17.61			\$ 17.61
7	Misc. Material Loading*	Rate * Ln3	22.44%	\$	74.10			\$ 74.10]]	\$ 29.54			\$ 29.54
8	Supply Expense Loading	Rate * Ln3	1.08%	\$	3.57			\$ 3.57	1.08%	\$ 3.17			\$ 3.17
9	Other Loading	Ln9a + Ln9b + Ln9c	16.16%	\$	53.35			\$ 53.35	10.70%	\$ 31.40			\$ 31.40
9a	Plt Labor - Indirect Salary, Benefits Other	Rate * Ln3	5.46%	\$	18.03			\$ 18.03	0.00%	\$ -			\$ -
9b	Right of Way Items	Rate * Ln3	9.96%	\$	32.90			\$ 32.90	9.96%	\$ 29.25			\$ 29.25
9c	Interest During Construction Items	Rate * Ln3	0.73%	\$	2.42			\$ 2.42	0.73%	\$ 2.15			\$ 2.15
10	Placing Hours	BSTLM Input	 				0.75			<u> </u>		0	
11	Placing Cost	Rate * Ln10	\$ 49.05	ļ			\$ 36.79	\$ 36.79	\$ 49.05			\$ -	<u>s</u> -
12	Contract Labor Cost**	BSTLM Input]	\$	233.19	\$ 99.71				\$ 147.69	\$ 95.39		
13	Total Labor Cost	Ln11 + Ln12	 	\$	233.19	\$ 99.71	\$ 36.79	\$ 369.69	l I <u></u>	\$ 147.69	\$ 95.39	\$ -	\$ 243.08
14	Engineering Loading	Rate* (Ln3 + Ln4 + Ln13)	27.07%	\$	203.34	\$ 26.99	\$ 9.96	\$ 240.29	10.00%	\$ 53.68	\$ 9.54		\$ 63.22
15	Total Cost	Ln3 + Ln4 + Ln13 + Ln14	<u> </u>	\$	954.49	\$ 126.70	\$ 46.75	\$ 1,127.93		\$ 590.46	\$ 104.93		\$ 695.39
16	Spacing	BSTLM Input			. 120	500	500			184	600	600	
17	Cost per foot	Ln15/Ln16		\$	7.95	\$ 0.25	\$ 0.09	\$ 8.30	l <u>L</u>	\$ 3.21	\$ 0.17	\$ -	\$ 3.38

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SynthesistRole Gost(Rit/Root) High Low 1.51 2.72 \$

^{*} Miscellaneous material for AT&T WorldCom is 20% of contract labor

^{**} The contract labor cost for Anchors for AT&T- WorldCom includes a 20% loading on inflation. The calculation is: \$79.49 * 1.2 = \$95.39

Buried EF&I Costing Comparison

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1	Contract Placing Per Foot	See Buried Excavation Wksht
2	Engineering Loading	Rate • Ln1
3	EF&I Cost per Foot	Ln1 + Ln2

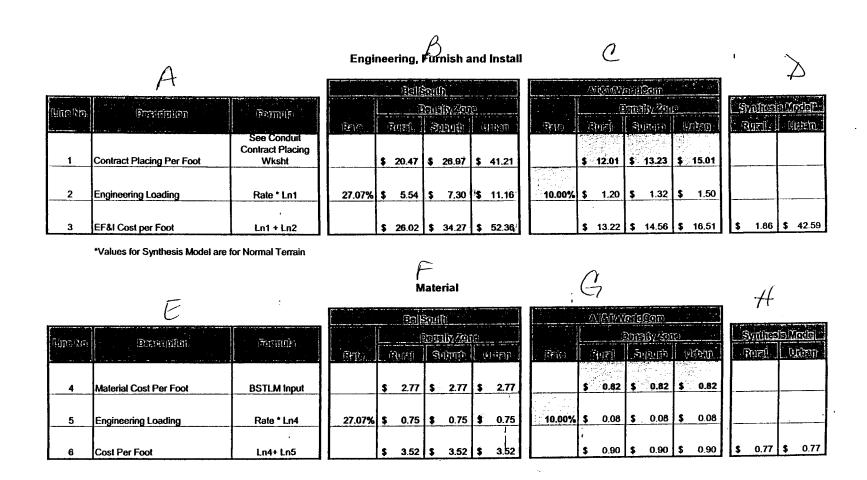
र्वाद्धिस्था									
रेस्त(क	J.	10,1170	(प्रेल)स्ता						
	\$	5.37	\$	6.25	\$	· 7.43			
27.07%	\$	1.45	s	0.27	\$	0.27			
	s	6.82	\$	6.52	\$	7.70			

	-		-	ورشد متسد	-17-14			(संबंध
	/\\\\	S VATA	e(•(C	লৈ ন				(3)
स्तिक	दिन्द्रिक (सिपाना)		S.	gagga	إزا	[[57]]))		
	\$	1.35	\$	3.56	\$	4.09		
10.00%	\$	0.14	\$	0.36	\$	0.41		1
·	\$	1.49	\$	3.91	\$	4.50		\$

o l	\$	0.77	\$	11.93					
<u>.</u>									
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		Meri)		11 920)					
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^{*}Values for Synthesis Model are for Normal Terrain

Conduit Costing Comparison



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Manhole Costing Comparison

A	B	\mathcal{C}		\mathcal{D}	1	Ę	F
Hrrito.	प्रदेशक (प्रशिक्षक	जिल्लाहरू		Palifornia 1 (a) (a)		[Extra Syminos Model Table 2003
11	Contract Placing Per Manhole*	BSTLM Input		\$ 3,235.16 \$ 10,064.95	\$ 31,575.13.	\$ 1,463.36 \$ 1,463.36 \$ 1,463.30 \$ 4,032.08	
2	Engineering Loading	Rate * Ln1	27.07% \$ 875.76	\$ 875.76 \$ 2,724.58	\$ 8,547.39	10.00% \$ 146.34 \$ 146.34 \$ 146.34 \$ 403.21	
3	Total EF&I	Ln1 + Ln2	\$ 4,110.92	\$ 4,110.92 \$ 12,789.53	\$ 40,122.52	\$ 1,609.70 \$ 1,609.70 \$ 1,609.70 \$ 4,435.29	\$ 1,438.50 \$ 4,472.47 \$ 5,176.00
4	Spacing	BSTLM Input	625			625	
5	Cost per Foot	103/104	1 8.58	\$ 656 \$ 2046	5 64.20	\$ 2.58 \$ 2.58 \$ 2.58 \$ 7.10	

^{*}Note: AT&T/WorldCorn contract placing per manhole has a 50% sharing factor applied prior to the BSTLM Model run for manhole sizes 2, 3, and 5.

FLORIDA DOCKET 990649TP
WITNESS: PITKIN
EXHIBIT ____(BFP-9)
PAGE 1 OF 1 -

Sharing Correction for Buried Structure `An Example of Rural Zone, Normal Terrain, Backhoe Trench

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[मितनशिक	णिकस्ति, र्यक्ति	रिकृतिक्षि	(R/(n)	গোটাকিকা	<u> </u>
1	Normal Terrain Contract Labor Cost Per Installed Foot	BSTLM Input		\$ 2.20	\$ 2.20
2	Adjusted Normal Terrain Cost	Rate * Ln1	100.00%	\$ 2.20	\$ 2.20
3	Shared Percent Assigned to Telephone For URBAN	BSTLM Input		33%	,
4	Shared Percent Assigned to Telephone For RURAL	BSTLM Input			50%
5	Shared Cost Per Foot	Sharing * Ln2		\$ 0.73	\$ 1.10
6	% of Activity	Rate * Ln5	4.00%	\$ 0.03	\$ 0.04
7	Inspectors & Contract Admin	BSTLM input		<u>s</u> -	s -
8	Weighted Cost Per Installed Foot for RURAL Backhoe Trench	Ln6 + Ln7		\$ 0.03	\$ 0.04
9	Understatement			\$ (0.01)	