BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

SUPPLEMENTAL REBUTTAL TESTIMONY OF

BRIAN F. PITKIN

ON BEHALF OF

AT&T COMMUNICATIONS OF THE SOUTHERN STATES, INC.

And

MCI WORLDCOM, INC.

Docket No. 990649A-TP

February 11, 2002

PROPRIETARY TESTIMONY AND EXHIBITS

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AUS 3-6-07 (entire document)

appeal

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## I. INTRODUCTION

**Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

A. My name is Brian F. Pitkin. I am a Director in the Financial Services Division of FTI Consulting, Inc., with offices located at 66 Canal Center Plaza, Suite 670, Alexandria, Virginia 22314.

**Q. ARE YOU THE SAME BRIAN PITKIN THAT PREVIOUSLY FILED TESTIMONY IN THIS DOCKET?**

A. Yes.

**Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

A. The purpose of my testimony is to comment on BellSouth's January 28, 2002 revised cost studies and direct testimony. This testimony should be considered in concert with my December 10, 2001 rebuttal testimony in order to identify all of the changes I support to BellSouth's original filing. In addition, I have avoided commenting on BellSouth's surrebuttal testimony because I understand such comments would be outside the scope of this additional testimony. However, my silence on those issues should not imply agreement with anything stated in the surrebuttal testimony of BellSouth's witnesses.

**Q. HOW IS YOUR TESTIMONY ORGANIZED?**

A. In Section II, I address Ms. Caldwell's statement that "BellSouth made no adjustment to the inflation application in the January 28, 2002 filing." (Caldwell revised direct testimony, January 28, 2002, page 31). In Section III, I explain the modifications I have made (in addition to those discussed in my direct testimony and the direct testimony of John Donovan) in my restatement of BellSouth's January 28, 2002 model filing. In Section IV, I summarize my testimony and explain the modifications necessary to generate bottoms-up UNE results that comply with the Commission's May 25, 2001 Order.

## II. BELLSOUTH INCORRECTLY APPLIES INFLATION

**Q. DID BELLSOUTH USE THE SAME INFLATION FACTORS IN THIS PROCEEDING THAT IT PREVIOUSLY USED IN ITS APRIL 17, 2001 FILING?**

A. Yes, BellSouth inappropriately applies the same inflation rates in this 120-day proceeding as it previously used in its April 17, 2001 cost study.

**Q. WHY IS BELLSOUTH'S USE OF THE SAME INFLATION FACTORS IN THIS PROCEEDING INAPPROPRIATE?**

A. The Commission has determined that BellSouth should include inflation factors (as proposed by BellSouth in its April 17, 2001 cost studies) in the development of UNE costs. However, BellSouth is now applying its inflation factors in a manner that was not approved by this Commission. Specifically, BellSouth is now applying an overall *blended* inflation factor (which includes inflation for both *material and labor*) to *material-only* investments, thereby artificially overstating costs.

It is a cardinal rule of costing that cost factors, when used, should be developed in a manner consistent with the way they are to be applied. If BellSouth is applying inflation factors only to *material* investments, the inflation factor itself should reflect *material-only* inflation, not a blend of material and labor.

**Q. HOW WERE THE INFLATION FACTORS DEVELOPED AND APPLIED IN THE PREVIOUS TOP-DOWN FILING?**

A. In the top-down version of its cost studies that BellSouth originally filed in this proceeding, only material investments were generated by the BellSouth Telecommunications Loop Model ("BSTLM"). These material investments were then multiplied by linear loading factors

(referred to by BellSouth as "in-plant" factors) to develop total installed investment amounts, including both *materials and labor*. These total installed investment amounts were then multiplied by *blended* inflation factors (reflecting inflation of both *material and labor*) in the BellSouth Cost Calculator ("BSCC") to develop inflated investment amounts. In this way, the *blended* inflation factors developed by BellSouth were consistent with the application of these factors to combined *material and labor* investments.

**Q. HOW DO YOU KNOW THAT BELLSOUTH'S INFLATION FACTORS ARE *BLENDED*?**

A. Data provided by BellSouth shows that the inflation factors developed in its April 17, 2001 cost study filing represent a composite of both *material and labor*. I have included, as Attachment BFP-11, an illustration of BellSouth's development of its inflation factor for aerial copper cable. I have also included, for reference, BellSouth's actual worksheet developing these factors. Thus, there can be no argument that the inflation factors used by BellSouth represent a *blended* inflation factor.

**Q. HOW DO YOU KNOW THAT BELLSOUTH APPLIED THESE INFLATION FACTORS TO A COMBINATION OF *MATERIAL AND LABOR* INVESTMENT?**

A. I have included, as Attachment BFP-12, an illustration of BellSouth's original inflation application for aerial copper cable (I have also included the actual BSCC output report for element A.1.1 showing the same data for all accounts). This exhibit shows that BellSouth applies a *blended* inflation factor (discussed above) to total in-plant investment (both *material and labor*). This was fully consistent because BellSouth's prior filing applied a *blended* inflation factor of both the *material and labor* components.

**Q. IS THE *BLENDED* INFLATION RATE PREVIOUSLY USED BY BELLSOUTH APPROPRIATE FOR THE BOTTOMS UP MODEL BELLSOUTH IS CURRENTLY USING?**

A. No, the *blended* inflation rate is not appropriate. Unlike the top down version, inflation in the bottoms up model is applied separately to labor investment and material investment. BellSouth recognizes this and applies a *labor-only* inflation factor to its *labor* investment. BellSouth fails, however, to apply a *material-only* inflation factor to its *material* investment, instead continuing to apply its *blended* inflation factor to the *material* component of investment. To correctly apply inflation in the bottoms up model, BellSouth should apply a *labor-only*

inflation factor to *labor* investment and a *material-only* inflation factor to *material* investment.

**Q. HOW DO YOU KNOW THAT BELLSOUTH IS APPLYING A *LABOR-ONLY* INFLATION FACTOR TO LABOR INVESTMENT?**

A. BellSouth's documentation of its labor rate makes clear that it is applying union wage inflation factors to develop the inflated labor rate. BellSouth's description of the inflation factor reinforces the fact that they reflect union contract negotiations. In response to AT&T and WorldCom's interrogatory Item 9, BellSouth notes, "BellSouth signed a new union wage agreement in August 1998...those base changes have been factored into the forecast for the 1998 – 2000 period." I have included, as Attachment BFP-13, an illustration of BellSouth's development of its labor rates using BellSouth's prior forecasted data and BellSouth's most recent data.

**Q. HOW DO YOU KNOW THAT BELLSOUTH IS APPLYING A *BLENDED* INFLATION FACTOR TO MATERIAL INVESTMENT?**

A. There are several ways to verify that BellSouth is applying a *blended* inflation factor to *material-only* investment. First, BellSouth

acknowledges this in its response to Staff's 1st Set of Interrogatories No. 18e, stating, "The inflation loading factors are applied to base year ... material costs." Second, my prior rebuttal testimony provides illustrations of the BSTLM investment calculations. Attachment BFP-8A of my rebuttal testimony illustrates how the inflation factor is applied in the bottoms up model. It is clear from this exhibit that the inflation factor is applied to material investment and not to the placing cost and splicing cost showing in rows 19 and 20. Thus, it is clear that the actual inflation factor application in this bottoms-up version of the model does not apply to the labor activities (which, as previously discussed, already reflects *labor-only* inflation).

**Q. DOES THIS USE OF A *BLENDED* INFLATION RATE OVERSTATE COSTS?**

A. Yes. Material inflation, if any, has been significantly lower than labor inflation. Because of this, BellSouth's application of a **blended** inflation rate overstates the inflation applicable to material costs and, therefore, overstates material investments. Documentation provided by BellSouth in response to AT&T and WorldCom's discovery shows that material prices have tended to decline in recent years while labor costs have increased.

**Q. DO YOU HAVE A SIMPLE EXAMPLE OF THE APPLICATION OF INFLATION IN THE TOPS DOWN VERSUS BOTTOMS UP VERSION OF THE MODEL?**

A. Yes. Attachment BFP-14 illustrates how the *blended* inflation rate used by BellSouth overstates costs in the bottoms up version of the model. As "Illustration 1" in Attachment BFP-14 shows, BellSouth's original methodology multiplies a blended material and labor investment by a blended material and labor inflation factor. As "Illustration 2" shows, this is conceptually the same as multiplying *material* investment by a *material-only* inflation rate, and multiplying *labor* investment by a *labor-only* inflation rate.

In this proceeding, however, BellSouth uses a bottoms-up estimate of current labor costs and applies a *blended* inflation rate to only the *material-only* portion of investment. The overstatement in costs because of this can be seen in the third illustration of Attachment BFP-14.

**Q. WERE YOU ABLE TO ADJUST BELLSOUTH'S INFLATION FACTORS TO BE MATERIAL ONLY?**

A. Yes. I have updated the inputs to the BSTLM to reflect *material-only* inflation factors. This ensures that the *material* investments generated by the BSTLM will be inflated by a *material-only* inflation factor. In

my restatement, the *labor* rates continue to be inflated by the *labor-only* inflation factors (and therefore *labor-only* investments). For both the material inflation factors and labor inflation factors, I have used BellSouth's actual inflation experience for 2000 and 2001 and BellSouth's projected inflation for 2002. Attachment BFP-15 contains the inflation factors that I used for material. (As stated previously, Attachment BFP-13 contains the inflation factors that I used for labor).

**Q. CAN YOU PROVIDE AN EXAMPLE OF THE IMPACT OF BELLSOUTH'S INAPPROPRIATE INFLATION APPLICATION?**

A. Yes. I have included, as Attachment BFP-16, a comparison of BellSouth's inappropriate application of *blended* inflation factors and the correct method of applying *material-only* inflation to *material* investment. This comparison demonstrates that BellSouth is overstating total investment by approximately 10% for 1200-pair aerial copper cable. This overstatement occurs because BellSouth uses a projected *blended* inflation factor of approximately *** **BEGIN PROPRIETARY** *** 8% *** **END PROPRIETARY** *** in this example instead of an actual *material-only* inflation factor which has declined by almost *** **BEGIN PROPRIETARY** *** 4% *** **END PROPRIETARY** ***.

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**Q. DID THIS PROCESS IDENTIFY ANY OTHER PROBLEMS WITH THE INFLATION FACTORS THAT BELLSOUTH HAS USED IN THIS PROCEEDING?**

A. Yes. As I previously mentioned, BellSouth has provided actual recent material-only, labor-only and blended inflation information. I have compared the actual inflation BellSouth experienced for 1999-2002 to the projected inflation it uses in its factors. The projected rates significantly overstated the inflation BellSouth has actually experienced from 1999-2001. As part of Attachment BFP-15, I show the impact of adjusting BellSouth's prior inflation forecasts for actual data (and more recent forecasted data).

**Q. HAS BELLSOUTH MADE OTHER ERRORS IN ITS APPLICATION OF INFLATION?**

A. Yes. BellSouth has erred in its application of the *labor-only* inflation factor to the labor rates. To account for inflation of its internal labor, BellSouth inflated the labor rate for placing and splicing. This can be seen in the increase in the placing and splicing labor rate used by BellSouth before and after Order No. PSC-01-2051-FOF-TP ("*Order on Reconsideration*"), issued October 18, 2001, in Docket No. 990649-TP. In its September 24, 2001 filing, BellSouth used a labor rate of *** **BEGIN PROPRIETARY** *** $38.51 *** **END PROPRIETARY** *** (the support for this labor rate has recently been

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provided in Daonne Caldwell's late filed exhibit number 4). Subsequent to the Commission's *Order on Reconsideration* Order, BellSouth then inflated this labor rate to *** **BEGIN PROPRIETARY** *** $42.55 *** **END PROPRIETARY** *** based on projected union wage increases in salary, as shown in Attachment BFP-13. However, BellSouth has not provided any documentation to support its increase in this labor rate from the already inflated labor rate of *** **BEGIN PROPRIETARY** *** $42.55 *** **END PROPRIETARY** *** to the *** **BEGIN PROPRIETARY** *** $49.05 *** **END PROPRIETARY** *** used in its cost study.

**Q. HAVE YOU CORRECTED THIS ERROR IN BELLSOUTH'S APPLICATION OF ITS INFLATION FACTORS IN THIS PROCEEDING?**

A. Yes. I have eliminated this error in BellSouth's labor inflation factor application. In addition, I have replaced BellSouth's prior projected union wage increases with the actual increases for 1999-2000 and the updated projections for 2001 and 2002 (provided by BellSouth in response to AT&T and WorldCom's discovery). A comparison of BellSouth's original inflated labor to my updated labor rate is included in Attachment 13. I use this labor rate as the basis for the exempt-material adjustment, as described and supported in Mr. Donovan's rebuttal testimony.



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## III. OTHER MODIFICATIONS

**Q. WHAT CHANGES DID BELLSOUTH MAKE TO ITS JANUARY 28, 2002 MODEL?**

A. BellSouth has replaced its engineering factors with account specific factors, corrected two of the logic errors I described in my December 10, 2001 testimony, corrected its FDI Placing hours, and changed its underground excavation and manhole costs.

**Q. ARE ANY OF THESE CHANGES APPOPRIATE?**

A. Yes. BellSouth's correction of the logic errors and the correction to the FDI placing hours appear to be appropriate.

**Q. WHICH CHANGES ARE NOT APPROPRIATE?**

A. As Mr. Donovan discusses in his testimony, the updates to the engineering factors and the underground excavation and manhole costs are not correct.

**Q. HAVE YOU CHANGED ANY OF THE INPUTS FROM YOUR DECEMBER FILING?**

A. Yes. I have made the following changes to the inputs in this filing:

- Adjusted the BSTLM input inflation factors to: 1) use actual data where available, 2) use more recent projections where available, and 3) use material-only inflation factors for application to the material investment;

- Adjusted the BSTLM labor rates to: 1) use actual data where available, 2) use more recent projections where available, 3) eliminate the error (or undocumented adjustment) that overstates labor rates, and 4) reflect a mark-up for exempt material, consistent with Mr. Donovan's rebuttal testimony; and

- Adjusted the BSTLM engineering factors, by account, consistent with the supplemental rebuttal testimony of Mr. Donovan.

I have also included, as Attachment BFP-17, a list of the inputs I have updated since my December 10, 2001 rebuttal testimony. For ease of reference, I have also provided, as Attachment BFP-18, a list all of the input changes to BellSouth's January 28, 2002 amended filing. Also, I continue to make the formula correction in the Invest Logic worksheet to remove for stub cable investment, as I discussed in my prior testimony.

## IV. SUMMARY

**Q. WILL YOU PLEASE SUMMARIZE YOUR TESTIMONY?**

A. Even with the most recent "corrections," the model filed by BellSouth fails to satisfy the requirements of the Commission's *FL UNE Order*. To correct the *additional* problems in BellSouth's model and produce bottoms-up results, I urge the Commission to:

- reject BellSouth's overstated inflation factors and rely on the corrections I present herein to consistently apply the inflation factors with this Commission's prior determinations;
- use the corrected engineering factors discussed in Mr. Donovan's testimony; and
- eliminate BellSouth's inappropriate loadings on underground structure by adopting the recommendations in Mr. Donovan's testimony.

If these corrections are made, the BSTLM would produce results that are more consistent with TELRIC and better satisfy the Commission's requirement to model "all cable and associated supporting structure engineering and installation placements." (*FL UNE Order*, page 234). Given that we just received BellSouth's discovery responses on Friday, February 8, 2002, the BSTLM and BSCC have not yet finished

running with the revised inputs that are based, in part, on BellSouth's discovery responses. I will provide, as Attachment BFP-19, a late filed exhibit to my testimony restating the UNE cost based on the changes I discuss above as soon as BellSouth's models complete running. However, all of the model inputs and changes have been fully described in my prior testimony and in this testimony (and all associated attachments).

**Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

A. Yes.

**CHANGE IN ACTUAL TPI FOR AERIAL COPPER CABLE**
**OVER FIVE YEARS FOR MATERIAL, LABOR, AND COMPOSIT**

| | ACTUAL | | | | PROJECTION | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Plant Index** | **1994** | **1995** | **1996** | **1997** | **1998** | **1999** | **2000** | **2001** | **2002** |
| Composite | 101.4 | 111.5 | 114.0 | 116.1 | 115.0 | 116.0 | 121.0 | 126.0 | 131.0 |
| Material | 83.5 | 101.6 | 103.3 | 102.3 | | | | | |
| Telco Labor | 114.8 | 115.8 | 119.2 | 124.8 | | | | | |
| Telco Engineering | 109.9 | 117.5 | 119.4 | 124.7 | | | | | |
| Contract Labor | 117.0 | 120.8 | 124.0 | 127.1 | | | | | |
| **Percent Change** | | | | | | | | | |
| Material | | 21.7 | 1.7 | (1.0) | (7.9) | (3.6) | 5.1 | 4.1 | 3.2 |
| Composite | | 10.0 | 2.2 | 1.8 | (1.0) | 1.0 | 4.0 | 4.0 | 4.0 |

**Inflation Calculation**

| | |
|---|---|
| 2000 Inflation ( 1 + ( 2000 Rate / 100 ) ) | 1.040000 |
| 2001 Inflation ( 1 + ( 2001 Rate / 100 ) ) * 2000 Inflation | 1.081600 |
| 2002 Inflation ( 1 + ( 2002 Rate / 100 ) ) * 2001 Inflation | 1.124864 |
| Total Inflation Factor 2000 - 2002 | 3.246464 |
| | |
| Investment Inflation Loadings | 1.082155 |

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**BellSouth**
**Account Average Levelized Inflation Loadings**
**For Forward Looking Studies 2000-2002, 1999 Vintage**

| Account Name | FRC | 2000 A | 2001 B | 2002 C | 2000 D =(1+(A/100)) | 2001 E =(1+(B/100))*D | 2002 F =(1+(C/100))*E | Total G D+E+F | Investment Inflation Loadings H =G/3 |
|---|---|---|---|---|---|---|---|---|---|
| Buildings - COE | 10C | 2.3 | 2.5 | 2.5 | 1.023305 | 1.048547 | 1.074389 | 3.146241 | 1.048747 |
| Operator Systems | 117C | 0.0 | 1.0 | 1.0 | 1.000000 | 1.010000 | 1.020100 | 3.030100 | 1.010033 |
| Aerial Ca - Metal - Building Entrance | 12C | 4.0 | 4.0 | 4.0 | 1.040000 | 1.081600 | 1.124864 | 3.246464 | 1.082155 |
| Aerial Ca - Metal - Building Entrance 24-Guage | 12C4 | 4.0 | 4.0 | 4.0 | 1.040000 | 1.081600 | 1.124864 | 3.246464 | 1.082155 |
| Digtl Circ - DDS | 157C | -1.0 | -2.0 | -2.0 | 0.990000 | 0.970200 | 0.950796 | 2.910996 | 0.970332 |
| Poles | 1C | 3.7 | 3.8 | 3.8 | 1.037340 | 1.076310 | 1.116846 | 3.230496 | 1.076832 |
| Poles - without rent in Plant Specific ACF | 1CP | 3.7 | 3.8 | 3.8 | 1.037340 | 1.076310 | 1.116846 | 3.230496 | 1.076832 |
| Land - COE | 20C | 2.3 | 2.5 | 2.5 | 1.023305 | 1.048547 | 1.074389 | 3.146241 | 1.048747 |
| Aerial Ca - Metal | 22C | 4.0 | 4.0 | 4.0 | 1.040000 | 1.081600 | 1.124864 | 3.246464 | 1.082155 |
| Aerial Ca - Metal 24-Guage | 22C4 | 4.0 | 4.0 | 4.0 | 1.040000 | 1.081600 | 1.124864 | 3.246464 | 1.082155 |
| Digital Elec Switch | 377C | 1.0 | 1.0 | 1.0 | 1.010000 | 1.020100 | 1.030301 | 3.060401 | 1.020134 |
| Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF | 377CP | 1.0 | 1.0 | 1.0 | 1.010000 | 1.020100 | 1.030301 | 3.060401 | 1.020134 |
| Office Equipment | 430C | 0.0 | 0.0 | 1.0 | 1.000000 | 1.000000 | 1.010000 | 3.010000 | 1.003333 |
| Buried Ca - Metal | 45C | 4.0 | 3.0 | 3.0 | 1.040000 | 1.071200 | 1.103336 | 3.214536 | 1.071512 |
| Buried Ca - Metal 24-Guage | 45C4 | 4.0 | 3.0 | 3.0 | 1.040000 | 1.071200 | 1.103336 | 3.214536 | 1.071512 |
| Intangibles - General Purpose Software RTU | 460C | 0.0 | 0.0 | 0.0 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 |
| Conduit Systems | 4C | 3.2 | 3.7 | 3.5 | 1.032193 | 1.069996 | 1.107775 | 3.209964 | 1.069988 |
| Conduit Systems - without rent in Plant Specific ACF | 4CP | 3.2 | 3.7 | 3.5 | 1.032193 | 1.069996 | 1.107775 | 3.209964 | 1.069988 |
| Intrbld Network - Metal | 52C | 5.0 | 4.0 | 4.0 | 1.050000 | 1.092000 | 1.135680 | 3.277680 | 1.092560 |
| Intrbld Network - Metal 24-Guage | 52C4 | 5.0 | 4.0 | 4.0 | 1.050000 | 1.092000 | 1.135680 | 3.277680 | 1.092560 |
| General Purpose Computers/Data Cntr Env | 530C | -18.0 | -17.0 | -17.0 | 0.820000 | 0.680600 | 0.564898 | 2.065498 | 0.688499 |
| Intangibles - Network Switch Software RTU | 560C | 0.0 | 0.0 | 0.0 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 |
| Underground Ca - Metal | 5C | 5.0 | 4.0 | 4.0 | 1.050000 | 1.092000 | 1.135680 | 3.277680 | 1.092560 |
| Underground Ca - Metal 24-Guage | 5C4 | 5.0 | 4.0 | 4.0 | 1.050000 | 1.092000 | 1.135680 | 3.277680 | 1.092560 |
| General Purpose Computers/Data Controller & Work Sta Equip | 630C | -18.0 | -17.0 | -17.0 | 0.820000 | 0.680600 | 0.564898 | 2.065498 | 0.688499 |
| Intangibles - Network Circuit Software RTU | 660C | 0.0 | 0.0 | 0.0 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 |
| Submarine Ca - Metal | 6C | 4.0 | 4.0 | 3.0 | 1.040000 | 1.081600 | 1.114048 | 3.235648 | 1.078549 |
| Submarine Ca - Metal 24-Guage | 6C4 | 4.0 | 4.0 | 3.0 | 1.040000 | 1.081600 | 1.114048 | 3.235648 | 1.078549 |
| Intangibles - Network Software Other RTU | 760C | 0.0 | 0.0 | 0.0 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 |
| Aerial Ca - Fiber - Building Entrance | 812C | 1.0 | 1.0 | 1.0 | 1.010000 | 1.020100 | 1.030301 | 3.060401 | 1.020134 |
| Aerial Ca - Fiber | 822C | 1.0 | 1.0 | 1.0 | 1.010000 | 1.020100 | 1.030301 | 3.060401 | 1.020134 |
| Buried Ca - Fiber | 845C | 2.0 | 2.0 | 2.0 | 1.020000 | 1.040400 | 1.061208 | 3.121608 | 1.040536 |
| Intrbld Network - Fiber | 852C | 2.0 | 2.0 | 2.0 | 1.020000 | 1.040400 | 1.061208 | 3.121608 | 1.040536 |
| Underground Ca - Fiber | 85C | 0.0 | 0.0 | 0.0 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 |
| Intangibles - Operator Services Software RTU | 860C | 0.0 | 0.0 | 0.0 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 |
| Submarine Ca - Fiber | 86C | 2.0 | 3.0 | 3.0 | 1.020000 | 1.050600 | 1.082118 | 3.152718 | 1.050906 |

CONTAINS BELLSOUTH PROPRIETARY INFORMATION

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**BellSouth Telecommunications**
**Forecast Telephone Plant Indexes**
**Accounts On Part 32 USOA Basis**

| FRC | ACTUAL 1995 | ACTUAL 1996 | ACTUAL 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008+ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10C | 2.8 | 3.6 | 0.4 | 1.9 | 1.9 | 2.3 | 2.5 | 2.5 | 2.6 | 2.6 | 2.7 | 2.6 | 2.6 | 3.0 |
| 117C | 0.8 | 9.2 | 0.5 | -3.0 | -1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 0.0 | 0.0 | -1.0 | -1.0 | 1.0 |
| 12C | 10.0 | 2.2 | 1.8 | -1.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 |
| 12C4 | 10.0 | 2.2 | 1.8 | -1.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 |
| 157C | -3.6 | -2.2 | -3.2 | -3.0 | -3.0 | -1.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | 0.0 |
| 1C | 8.5 | 1.7 | 2.6 | 4.0 | 3.4 | 3.7 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 4.0 |
| 1CP | 8.5 | 1.7 | 2.6 | 4.0 | 3.4 | 3.7 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 4.0 |
| 20C | 2.8 | 3.6 | 0.4 | 1.9 | 1.9 | 2.3 | 2.5 | 2.5 | 2.6 | 2.6 | 2.7 | 2.6 | 2.6 | 3.0 |
| 22C | 10.0 | 2.2 | 1.8 | -1.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 |
| 22C4 | 10.0 | 2.2 | 1.8 | -1.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 |
| 257C | -0.4 | -2.0 | 1.1 | -3.0 | 0.0 | -2.0 | 0.0 | 0.0 | 0.0 | -1.0 | -2.0 | -2.0 | -2.0 | 0.0 |
| 357C | -3.6 | -2.2 | -3.2 | -3.0 | -3.0 | -1.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | 0.0 |
| 377C | 0.8 | 10.5 | -0.4 | -2.0 | -1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 0.0 | 0.0 | -1.0 | -1.0 | 1.0 |
| 377CP | 0.8 | 10.5 | -0.4 | -2.0 | -1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 0.0 | 0.0 | -1.0 | -1.0 | 1.0 |
| 430C | 0.1 | 1.3 | 0.2 | -1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 45C | 5.7 | 2.0 | 3.0 | 1.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 |
| 45C4 | 5.7 | 2.0 | 3.0 | 1.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 |
| 460C | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4C | 8.9 | 1.3 | 2.2 | 1.5 | 2.5 | 3.2 | 3.7 | 3.5 | 3.4 | 3.4 | 3.4 | 3.5 | 3.5 | 3.0 |
| 4CP | 8.9 | 1.3 | 2.2 | 1.5 | 2.5 | 3.2 | 3.7 | 3.5 | 3.4 | 3.4 | 3.4 | 3.5 | 3.5 | 3.0 |
| 52C | 8.6 | 3.1 | -2.1 | -3.0 | 0.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 52C4 | 8.6 | 3.1 | -2.1 | -3.0 | 0.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 530C | -10.4 | -16.0 | -19.3 | -20.0 | -19.0 | -18.0 | -17.0 | -17.0 | -16.0 | -16.0 | -16.0 | -15.0 | -15.0 | -5.0 |
| 560C | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5C | 11.5 | 1.7 | -0.2 | -2.0 | 0.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 |
| 5C4 | 11.5 | 1.7 | -0.2 | -2.0 | 0.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 |
| 630C | -10.4 | -16.0 | -19.3 | -20.0 | -19.0 | -18.0 | -17.0 | -17.0 | -16.0 | -16.0 | -16.0 | -15.0 | -15.0 | -5.0 |
| 660C | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6C | 6.7 | 1.1 | 2.9 | -1.0 | 1.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 6C4 | 6.7 | 1.1 | 2.9 | -1.0 | 1.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 760C | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 812C | -2.3 | 1.2 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | -1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 |
| 822C | -2.3 | 1.2 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | -1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 |
| 845C | 0.5 | 2.1 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 |
| 852C | -3.2 | 1.6 | 1.7 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 |
| 85C | -3.2 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -2.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 860C | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 86C | 0.0 | 2.7 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |

CONTAINS BELLSOUTH PROPRIETARY INFORMATION

RL: 98-11-002BT
Attachment B

**BELLSOUTH TELECOMMUNICATIONS**
**HISTORICAL TELEPHONE PLANT INDEXES**
**ACCOUNTS ON A PART 32 USOA BASIS**
**1988=100**

| ACCOUNT NAME | ACCT # | FRC | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1/98 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AERIAL CABLE COMPOSITE | 2421 | | 100.0 | 111.7 | 110.6 | 113.6 | 104.9 | 104.6 | 99.1 | 107.5 | 109.7 | 111.6 | 114.8 |
| AERIAL CABLE-COPPER | | 22C | 100.0 | 113.6 | 112.8 | 116.1 | 105.9 | 106.3 | 101.4 | 111.5 | 114.0 | 116.1 | 120.3 |
| MATERIAL | | | 100.0 | 126.9 | 122.2 | 127.7 | 97.5 | 94.3 | 83.5 | 101.6 | 103.3 | 102.3 | 108.3 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.3 | 108.2 | 111.0 | 115.8 | 114.8 | 115.8 | 119.2 | 124.8 | 126.9 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.8 |
| CONTRACT LABOR | | | 100.0 | 101.6 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 128.5 |
| AERIAL CABLE-OPTICAL | | 822C | 100.0 | 92.0 | 89.8 | 91.1 | 90.2 | 86.1 | 77.2 | 75.4 | 76.2 | 76.8 | 76.1 |
| MATERIAL | | | 100.0 | 84.5 | 80.8 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 51.4 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.5 | 108.6 | 111.5 | 116.3 | 115.3 | 116.3 | 119.8 | 125.3 | 127.4 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 127.8 |
| CONTRACT LABOR | | | 100.0 | 101.6 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 128.5 |
| U.G. CABLE COMPOSITE | 2422 | | 100.0 | 101.8 | 99.1 | 100.5 | 95.8 | 93.2 | 85.2 | 88.9 | 89.9 | 89.9 | 90.4 |
| U.G. CABLE-COPPER | | 5C | 100.0 | 110.3 | 107.9 | 109.8 | 100.2 | 101.3 | 96.2 | 107.3 | 109.0 | 108.8 | 112.5 |
| MATERIAL | | | 100.0 | 117.8 | 109.9 | 111.6 | 85.9 | 85.3 | 75.9 | 94.5 | 95.0 | 90.8 | 95.5 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.2 | 111.1 | 115.9 | 114.9 | 115.9 | 119.3 | 124.9 | 127.0 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.8 |
| CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 117.7 |
| U.G. CABLE-OPTICAL | | 85C | 100.0 | 90.9 | 88.2 | 89.2 | 87.9 | 82.5 | 72.6 | 70.3 | 70.9 | 71.0 | 70.0 |
| MATERIAL | | | 100.0 | 84.5 | 80.8 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 51.4 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.0 | 107.2 | 110.0 | 114.8 | 113.7 | 114.8 | 118.2 | 123.7 | 125.7 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.1 | 106.4 | 107.7 | 108.1 | 109.8 | 117.4 | 119.3 | 124.6 | 127.7 |
| CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 117.7 |
| BURIED CABLE COMPOSITE | 2423 | | 100.0 | 108.7 | 108.3 | 112.4 | 105.4 | 103.7 | 102.1 | 107.2 | 109.4 | 112.5 | 114.5 |
| BURIED CABLE-COPPER | | 45C | 100.0 | 110.4 | 110.0 | 114.4 | 106.2 | 105.1 | 104.1 | 110.0 | 112.2 | 115.6 | 118.1 |
| MATERIAL | | | 100.0 | 124.1 | 118.9 | 127.9 | 95.7 | 94.6 | 89.8 | 100.8 | 99.9 | 101.6 | 105.6 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.5 | 111.3 | 116.2 | 115.1 | 116.2 | 119.6 | 125.2 | 127.3 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.8 |
| CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 117.7 |
| BURIED CABLE-OPTICAL | | 845C | 100.0 | 94.5 | 93.7 | 95.4 | 95.7 | 90.6 | 86.2 | 86.6 | 88.4 | 89.7 | 89.7 |
| MATERIAL | | | 100.0 | 84.5 | 80.8 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 51.4 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.0 | 107.2 | 110.0 | 114.8 | 113.7 | 114.8 | 118.2 | 123.7 | 125.7 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.6 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 127.8 |
| CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 117.7 |
| SUBMARINE CABLE-COMPOSITE | 2424 | | 100.0 | 106.5 | 106.5 | 109.7 | 107.2 | 100.8 | 95.8 | 96.1 | 98.4 | 100.6 | 101.3 |
| SUB. CABLE-COPPER | | 6C | 100.0 | 118.3 | 119.2 | 123.4 | 119.3 | 118.8 | 116.3 | 124.1 | 125.5 | 129.2 | 132.6 |
| MATERIAL | | | 100.0 | 124.1 | 118.9 | 127.9 | 95.7 | 94.6 | 89.8 | 100.8 | 99.9 | 101.6 | 105.6 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.1 | 107.4 | 110.2 | 115.0 | 113.9 | 115.0 | 118.4 | 123.9 | 126.0 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.1 | 106.4 | 107.7 | 108.1 | 109.8 | 117.4 | 119.3 | 124.6 | 127.7 |
| CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 117.7 |

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**RL: 98-11-002BT**
**Attachment B**

**BELLSOUTH TELECOMMUNICATIONS**
**HISTORICAL TELEPHONE PLANT INDEXES**
**ACCOUNTS ON A PART 32 USOA BASIS**
**1988=100**

| ACCOUNT NAME | ACCT # | FRC | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1/98 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POLES | 2411 | 1C | 100.0 | 102.8 | 104.5 | 106.6 | 111.6 | 113.9 | 116.0 | 125.9 | 128.0 | 131.3 | 133.4 |
| AERIAL CABLE | 2421 | | 100.0 | 111.7 | 110.6 | 113.6 | 104.9 | 104.6 | 99.1 | 107.5 | 109.7 | 111.6 | 114.8 |
| COPPER | | 22C | 100.0 | 113.6 | 112.8 | 116.1 | 105.9 | 106.3 | 101.4 | 111.5 | 114.0 | 116.1 | 120.3 |
| OPTICAL | | 822C | 100.0 | 92.0 | 89.8 | 91.1 | 90.2 | 86.1 | 77.2 | 75.4 | 76.2 | 76.8 | 76.1 |
| U.G. CABLE | 2422 | | 100.0 | 101.8 | 99.1 | 100.5 | 95.8 | 93.2 | 85.2 | 88.9 | 89.9 | 89.9 | 90.4 |
| COPPER | | 5C | 100.0 | 110.3 | 107.9 | 109.8 | 100.2 | 101.3 | 96.2 | 107.3 | 109.0 | 108.8 | 112.5 |
| OPTICAL | | 85C | 100.0 | 90.9 | 88.2 | 89.2 | 87.9 | 82.5 | 72.6 | 70.3 | 70.9 | 71.0 | 70.0 |
| BURIED CABLE | 2423 | | 100.0 | 108.7 | 108.3 | 112.4 | 105.4 | 103.7 | 102.1 | 107.2 | 109.4 | 112.5 | 114.5 |
| COPPER | | 45C | 100.0 | 110.4 | 110.0 | 114.4 | 106.2 | 105.1 | 104.1 | 110.0 | 112.2 | 115.6 | 118.1 |
| OPTICAL | | 845C | 100.0 | 94.5 | 93.7 | 95.4 | 95.7 | 90.6 | 86.2 | 86.6 | 88.4 | 89.7 | 89.7 |
| SUBMARINE CABLE | 2424 | | 100.0 | 106.5 | 106.5 | 109.7 | 107.2 | 100.8 | 95.8 | 96.1 | 98.4 | 100.6 | 101.3 |
| COPPER | | 6C | 100.0 | 118.3 | 119.2 | 123.4 | 119.3 | 118.8 | 116.3 | 124.1 | 125.5 | 129.2 | 132.6 |
| OPTICAL | | 86C | 100.0 | 97.1 | 95.7 | 97.4 | 97.2 | 91.2 | 86.4 | 86.4 | 88.7 | 90.5 | 90.9 |
| INBLDG NETWK CABLE | 2426 | | 100.0 | 114.4 | 113.3 | 116.8 | 103.6 | 105.5 | 99.8 | 107.6 | 110.8 | 108.7 | 110.7 |
| COPPER | | 52C | 100.0 | 114.9 | 113.9 | 117.5 | 103.9 | 106.4 | 101.1 | 109.8 | 113.2 | 110.8 | 113.0 |
| OPTICAL | | 852C | 100.0 | 96.2 | 93.8 | 95.1 | 94.1 | 89.3 | 79.1 | 76.6 | 77.8 | 79.1 | 79.0 |
| CABLE COMPOSITE | | | 100.0 | 108.7 | 107.7 | 111.1 | 104.0 | 102.6 | 99.2 | 105.0 | 107.0 | 109.4 | 111.5 |
| COPPER | | | 100.0 | 111.4 | 110.7 | 114.7 | 105.7 | 105.2 | 102.8 | 110.2 | 112.5 | 115.3 | 118.4 |
| OPTICAL | | | 100.0 | 92.6 | 90.7 | 92.0 | 91.4 | 86.5 | 79.3 | 78.4 | 79.4 | 80.2 | 79.6 |
| CONDUIT SYSTEMS | 2441 | 4C | 100.0 | 96.8 | 95.6 | 93.9 | 93.9 | 83.9 | 87.9 | 95.7 | 96.6 | 98.7 | 100.5 |
| OSP STRUCTURES | | | 100.0 | 99.2 | 99.1 | 98.8 | 100.6 | 94.8 | 98.2 | 106.8 | 108.1 | 110.6 | 112.5 |
| OSP COMPOSITE | | | 100.0 | 107.6 | 106.7 | 109.7 | 103.6 | 101.6 | 99.1 | 105.3 | 107.2 | 109.6 | 111.7 |
| TOTAL COMPOSITE | | | 100.0 | 102.2 | 101.7 | 101.9 | 99.8 | 99.4 | 96.6 | 97.7 | 98.0 | 96.8 | 96.9 |

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**BELLSOUTH TELECOMMUNICATIONS**
**FORECAST TELEPHONE PLANT INDEXES**
**ACCOUNTS ON PART 32 USOA BASIS**
**OCTOBER 1998 FORECAST OF % COST CHANGE**

| ACCOUNT NAME | ACCT # | FRC | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POLES | 2411 | 1C | 136 | 140 | 146 | 152 | 158 | 164 | 171 | 178 | 185 | 192 |
| AERIAL CABLE | 2421 | | 111 | 112 | 116 | 121 | 125 | 129 | 133 | 137 | 141 | 145 |
| COPPER | | 22C | 115 | 116 | 121 | 126 | 131 | 136 | 140 | 144 | 150 | 156 |
| OPTICAL | | 822C | 78 | 79 | 80 | 81 | 82 | 81 | 82 | 83 | 85 | 87 |
| U.G. CABLE | 2422 | | 89 | 89 | 91 | 93 | 95 | 95 | 97 | 99 | 101 | 103 |
| COPPER | | 5C | 107 | 107 | 112 | 116 | 121 | 125 | 129 | 133 | 137 | 142 |
| OPTICAL | | 85C | 71 | 71 | 71 | 71 | 71 | 70 | 70 | 71 | 72 | 73 |
| BURIED CABLE | 2423 | | 114 | 116 | 121 | 125 | 129 | 133 | 137 | 141 | 145 | 151 |
| COPPER | | 45C | 117 | 119 | 124 | 128 | 132 | 136 | 140 | 144 | 150 | 156 |
| OPTICAL | | 845C | 92 | 94 | 96 | 98 | 100 | 101 | 103 | 105 | 108 | 111 |
| SUBMARINE CABLE | 2424 | | 102 | 104 | 107 | 110 | 113 | 115 | 118 | 122 | 126 | 130 |
| COPPER | | 6C | 128 | 129 | 134 | 139 | 143 | 147 | 151 | 156 | 161 | 166 |
| OPTICAL | | 86C | 93 | 95 | 97 | 100 | 103 | 105 | 108 | 111 | 114 | 117 |
| INBLDG NETWK CABLE | 2426 | | 106 | 106 | 110 | 114 | 117 | 121 | 125 | 129 | 133 | 137 |
| COPPER | | 52C | 108 | 108 | 113 | 118 | 123 | 127 | 131 | 135 | 139 | 143 |
| OPTICAL | | 852C | 80 | 81 | 83 | 85 | 87 | 88 | 90 | 92 | 94 | 97 |
| CABLE COMPOSITE | | | 109 | 110 | 114 | 117 | 121 | 125 | 129 | 133 | 137 | 141 |
| COPPER | | | 115 | 117 | 122 | 127 | 132 | 137 | 141 | 145 | 151 | 157 |
| OPTICAL | | | 81 | 82 | 83 | 84 | 85 | 85 | 86 | 88 | 90 | 92 |
| CONDUIT SYSTEMS | 2441 | 4C | 101 | 104 | 107 | 111 | 115 | 118 | 122 | 126 | 131 | 136 |
| OSP STRUCTURES | | | 113 | 116 | 119 | 124 | 129 | 134 | 139 | 145 | 151 | 157 |
| OSP COMPOSITE | | | 110 | 112 | 116 | 119 | 123 | 127 | 131 | 135 | 139 | 143 |
| TOTAL COMPOSITE | | | 95 | 94 | 94 | 95 | 96 | 97 | 98 | 98 | 99 | 100 |

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**BELLSOUTH TELECOMMUNICATIONS**
**FORECAST TELEPHONE PLANT INDEXES**
**ACCOUNTS ON PART 32 USOA BASIS**
**OCTOBER 1998 FORECAST OF % COST CHANGE**

| ACCOUNT NAME | ACCT # | FRC | ACTUAL 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008+ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POLES | 2411 | 1C | 2.6 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| AERIAL CABLE | 2421 | | 1.7 | -1 | 1 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| COPPER | | 22C | 1.8 | -1 | 1 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 |
| OPTICAL | | 822C | 0.8 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 2 | 2 | 2 |
| U.G. CABLE | 2422 | | 0.0 | -1 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 1 |
| COPPER | | 5C | -0.2 | -2 | 0 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 3 |
| OPTICAL | | 85C | 0.1 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | 1 | 1 | 1 | 1 |
| BURIED CABLE | 2423 | | 2.8 | 1 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 2 |
| COPPER | | 45C | 3.0 | 1 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 |
| OPTICAL | | 845C | 1.5 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 3 | 2 |
| SUBMARINE CABLE | 2424 | | 2.2 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| COPPER | | 6C | 2.9 | -1 | 1 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| OPTICAL | | 86C | 2.0 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| INBLDG NETWK CABLE | 2426 | | -1.9 | -3 | 0 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| COPPER | | 52C | -2.1 | -3 | 0 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| OPTICAL | | 852C | 1.7 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 2 |
| CABLE COMPOSITE | | | 2.2 | 0 | 1 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| COPPER | | | 2.5 | 0 | 2 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 |
| OPTICAL | | | 1.0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 2 | 2 | 2 | 2 |
| CONDUIT SYSTEMS | 2441 | 4C | 2.2 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 |
| OSP STRUCTURES | | | 2.3 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| OSP COMPOSITE | | | 2.2 | 0 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| TOTAL COMPOSITE | | | -1.2 | -2 | -1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | |

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**RL: 98-11-002BT**
**Attachment C**

**BELLSOUTH TELECOMMUNICATIONS TPI COMPONENTS**
**OCTOBER 1998 FORECAST**

**MATERIALS**
**(percentage changes)**

| | COPPER AERIAL CABLE | COPPER U.G. CABLE | COPPER BURIED CABLE | COPPER SUBMARINE CABLE | COPPER INTRBLDG CABLE | COMBINED COPPER CABLE | COMBINED OPTICAL CABLE | POLES | CONDUIT |
|---|---|---|---|---|---|---|---|---|---|
| 1995 | 21.7 | 24.5 | 12.2 | 12.2 | 15.2 | 16.6 | -7.1 | 17.3 | 13.5 |
| 1996 | 1.7 | 0.5 | -0.9 | -0.9 | 3.2 | 0.2 | 0.0 | 0.0 | -8.2 |
| 1997 | -1.0 | -4.4 | 1.7 | 1.7 | -5.6 | 0.1 | -1.5 | -0.2 | -1.2 |
| 1998 | -7.9 | -8.0 | -6.1 | -6.5 | -7.9 | -7.0 | -2.0 | 4.0 | -7.0 |
| 1999 | -3.6 | -4.2 | -2.4 | -2.4 | -3.6 | -3.0 | -2.0 | 2.7 | -2.4 |
| 2000 | 5.1 | 5.4 | 5.5 | 5.5 | 5.1 | 5.3 | -2.0 | 3.6 | 1.1 |
| 2001 | 4.1 | 3.2 | 2.3 | 4.2 | 4.1 | 3.0 | -2.0 | 3.6 | 3.8 |
| 2002 | 3.2 | 2.9 | 2.3 | 2.3 | 3.2 | 2.7 | -2.0 | 3.6 | 2.9 |
| 2003 | 3.0 | 2.3 | 2.1 | 2.3 | 3.0 | 2.5 | -6.0 | 3.6 | 2.0 |
| 2004 | 2.2 | 1.8 | 1.6 | 1.9 | 2.2 | 1.9 | -2.0 | 3.6 | 1.8 |
| 2005 | 2.2 | 1.9 | 1.7 | 1.9 | 2.2 | 1.9 | -2.0 | 3.6 | 1.9 |
| 2006 | 2.5 | 2.3 | 1.9 | 2.1 | 2.5 | 2.1 | -2.0 | 3.6 | 1.9 |
| 2007 | 2.7 | 2.5 | 2.0 | 2.3 | 2.7 | 2.3 | -2.0 | 3.6 | 1.9 |

| | UNLOADED RADIO | UNLOADED ANALOG CIRCUIT | UNLOADED DIGITAL SPG | UNLOADED OTHER DIG CIRCUIT | UNLOADED ANALOG ESS | UNLOADED DIGITAL ESS | UNLOADED OPERATOR SYSTEMS |
|---|---|---|---|---|---|---|---|
| 1995 | -1.7 | 3.0 | -0.2 | -3.5 | 1.9 | 2.0 | 2.0 |
| 1996 | -3.1 | -0.7 | -3.2 | -3.2 | 4.0 | 7.6 | 7.6 |
| 1997 | 0.0 | 3.9 | -0.7 | -1.9 | -1.6 | 0.1 | 0.1 |
| 1998 | -1.0 | 2.6 | -3.3 | -3.5 | 1.4 | -2.6 | -2.6 |
| 1999 | -0.9 | 2.3 | -0.3 | -3.2 | 1.7 | -1.0 | -1.0 |
| 2000 | -0.5 | 5.1 | -2.3 | -1.3 | 1.9 | 0.4 | 0.4 |
| 2001 | -0.3 | 4.1 | -0.7 | -1.9 | 2.2 | 0.8 | 0.8 |
| 2002 | -0.1 | 3.3 | 0.0 | -1.9 | 2.3 | 0.9 | 0.9 |
| 2003 | -0.1 | 3.0 | -0.7 | -2.1 | 2.5 | 1.5 | 1.5 |
| 2004 | 0.0 | 2.8 | -1.9 | -2.6 | 2.6 | 0.2 | 0.2 |
| 2005 | 0.1 | 2.8 | -3.1 | -2.6 | 2.7 | -0.4 | -0.4 |
| 2006 | 0.0 | 2.8 | -2.4 | -2.6 | 2.8 | -1.2 | -1.2 |
| 2007 | 0.0 | 2.7 | -2.4 | -2.6 | 2.9 | -1.6 | -1.6 |

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**BELLSOUTH APRIL 17, 2001 FILING**
**CALCULATION OF INFLATED MATERIAL INVESTMENT**
**FOR AERIAL COPPER CABLE**

| No. | Description | Formula | Rate | Result |
|---|---|---|---|---|
| 1 | Material - Aerial Copper | Attach BFP-12 page 2 | | $ 5.96 |
| 2 | In-Plant Factor | Attach BFP-12 page 2 | 6.3443 | |
| 3 | In-Plant Investment | Line 1* Line 2 | | $ 37.81 |
| 4 | Inflation Factor | Attach BFP-12 page 2 | 1.0822 | |
| 5 | Inflated Material Investment | Line 3 * Line 4 | | $ 40.92 |

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**BELLSOUTH APRIL 17, 2001 FILING**
**CALCULATION OF INFLATED MATERIAL INVESTMENT**
**FOR AERIAL COPPER CABLE**

**Florida**
**A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1**

| Description | FRC | Sub FRC | A Material | B Inflation Factor | C=AxB Adjusted Material | D1 In-Plant Factors (Default = 1) Plug-in Inventory Factor | D2 Mat'l Factor | D3 Telco Factor | D4 Plug-in Factor | D5 Hardwire Factor | E=Cx(D1xD2 x...xD5) In-Plant Investment | F Supporting Equipment &/or Power Loading | G=ExF Total Investment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aerial Ca - Metal - Building Entrance | 12C | 00 | $0.3793 | 1.0822 | $0.41 | NA | 6.3450 | NA | NA | NA | $2.60 | NA | $2.60 |
| Aerial Ca - Metal - Building Entrance 24-Guage | 12C4 | 00 | $0.0084 | 1.0822 | $0.01 | NA | 6.3450 | NA | NA | NA | $0.06 | NA | $0.06 |
| Aerial Ca - Metal | 22C | 00 | $5.9596 | 1.0822 | $6.45 | NA | 6.3443 | NA | NA | NA | $40.92 | NA | $40.92 |
| Aerial Ca - Metal - Drop | 22C | 01 | $5.4890 | 1.0822 | $5.94 | NA | NA | NA | NA | NA | $5.94 | NA | $5.94 |
| Aerial Ca - Metal 24-Guage | 22C4 | 00 | $8.3247 | 1.0822 | $9.01 | NA | 6.3443 | NA | NA | NA | $57.15 | NA | $57.15 |
| Digtl Circ - Pair Gain - C.O. - Hardwired - MCEP | 257C | 03 | $7.5941 | 0.9800 | $7.44 | NA | NA | NA | NA | 2.5184 | $18.74 | 1.0251 | $19.21 |
| Digtl Circ - Pair Gain - C.O. - Com. Plug-in - MCEP | 257C | 06 | $20.5383 | 0.9800 | $20.13 | NA | NA | NA | 1.1682 | NA | $23.51 | 1.0251 | $24.10 |
| Digtl Circ - Pair Gain - C.O. - Def. Plug-in - MCEP W/O Sp. Stock | 257C | 12 | $35.3675 | 0.9800 | $34.66 | NA | NA | NA | 1.1682 | NA | $40.49 | 1.0251 | $41.51 |
| Digtl Circ - Pair Gain - Prem - Hardwired - Power Only | 257C | 19 | $0.7965 | 0.9800 | $0.78 | NA | NA | NA | NA | 2.5184 | $1.97 | 1.0205 | $2.01 |
| Digtl Circ - Pair Gain - Prem - Com. Plug-in - Power Only | 257C | 22 | $1.6122 | 0.9800 | $1.58 | NA | NA | NA | 1.1682 | NA | $1.85 | 1.0205 | $1.88 |
| Digtl Circ - Pair Gain - Prem - Def. Plug-in - Power Only W/O Sp. Stock | 257C | 28 | $2.5437 | 0.9800 | $2.49 | NA | NA | NA | 1.1682 | NA | $2.91 | 1.0205 | $2.97 |
| Digtl Circ - Pair Gain - Remote - Hardwired - Power Only | 257C | 37 | $24.8783 | 0.9800 | $24.38 | NA | NA | NA | NA | 2.5184 | $61.40 | 1.0205 | $62.66 |
| Digtl Circ - Pair Gain - Remote - Com. Plug-in - Power Only | 257C | 40 | $20.8652 | 0.9800 | $20.45 | NA | NA | NA | 1.1682 | NA | $23.89 | 1.0205 | $24.38 |
| Digtl Circ - Pair Gain - Remote - Def. Plug-in - Power Only W/O Sp. Stock | 257C | 46 | $31.1433 | 0.9800 | $30.52 | NA | NA | NA | 1.1682 | NA | $35.66 | 1.0205 | $36.38 |
| Digital Elec Switch - MDF | 377C | 05 | $6.6616 | 1.0201 | $6.80 | NA | 1.3249 | NA | NA | NA | $9.00 | 1.1011 | $9.91 |
| Buried Ca - Metal | 45C | 00 | $14.8983 | 1.0715 | $15.96 | NA | 6.8489 | NA | NA | NA | $109.33 | NA | $109.33 |
| Buried Ca - Metal - Drop | 45C | 01 | $25.1210 | 1.0715 | $26.92 | NA | NA | NA | NA | NA | $26.92 | NA | $26.92 |
| Buried Ca - Metal 24-Guage | 45C4 | 00 | $23.5217 | 1.0715 | $25.20 | NA | 6.8489 | NA | NA | NA | $172.62 | NA | $172.62 |
| Intrbld Network - Metal | 52C | 00 | $2.1838 | 1.0926 | $2.39 | NA | 7.5110 | NA | NA | NA | $17.92 | NA | $17.92 |
| Intrbld Network - Metal 24-Guage | 52C4 | 00 | $0.0552 | 1.0926 | $0.06 | NA | 7.5110 | NA | NA | NA | $0.45 | NA | $0.45 |
| Underground Ca - Metal | 5C | 00 | $4.9340 | 1.0926 | $5.39 | NA | 4.4404 | NA | NA | NA | $23.94 | NA | $23.94 |
| Underground Ca - Metal 24-Guage | 5C4 | 00 | $6.1822 | 1.0926 | $6.75 | NA | 4.4404 | NA | NA | NA | $29.99 | NA | $29.99 |
| Aerial Ca - Fiber - Building Entrance | 812C | 00 | $0.0016 | 1.0201 | $0.00 | NA | 6.7006 | NA | NA | NA | $0.01 | NA | $0.01 |
| Aerial Ca - Fiber | 822C | 00 | $0.6251 | 1.0201 | $0.64 | NA | 2.2621 | NA | NA | NA | $1.44 | NA | $1.44 |
| Buried Ca - Fiber | 845C | 00 | $2.4580 | 1.0405 | $2.56 | NA | 3.6881 | NA | NA | NA | $9.43 | NA | $9.43 |
| Underground Ca - Fiber | 85C | 00 | $0.3701 | 1.0000 | $0.37 | NA | 1.8253 | NA | NA | NA | $0.68 | NA | $0.68 |
| | | | | | | | | | | | $718.82 | | $724.42 |

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CONTAINS BELLSOUTH PROPRIETARY INFORMATION

# CALCULATION OF PLACING AND SPLICING LABOR RATE

| LINE NO. | COMPONENT | FORMULA | 1998 DOLLARS | CLASSIFIED HOURLY COST |
|---|---|---|---|---|
| 1 | DIRECT LABOR - PRODUCTIVE | Ln1/Ln18 | $ 137,510,941.88 | $ 20.66 |
| 2 | DIRECT LABOR - PREMIUM | Ln2/Ln18 | $ 10,436,182.27 | $ 1.57 |
| 3 | DIRECT LABOR - OTHER EMPLOYEE | Ln3/Ln18 | $ 2,914,030.04 | $ 0.44 |
| 4 | DIRECT LABOR - ANNUAL PAID ABSENCE | Ln4/Ln18 | $ 21,424,786.38 | $ 3.22 |
| 5 | DIRECT LABOR - DIRECT ADMINISTRATION | Ln5/Ln18 | $ 24,343,558.08 | $ 3.66 |
| 6 | TOTAL DIRECT LABOR | Ln6/Ln18 | $ 196,629,498.65 | $ 29.54 |
| 7 | DIRECT LABOR - OTHER COST | Ln7/Ln18 | $ 2,515,990.78 | $ 0.38 |
| 8 | OTHER TOOLS - SALARIES | Ln8/Ln18 | $ 49,844.33 | $ 0.01 |
| 9 | OTHER TOOLS - BENEFITS | Ln9/Ln18 | $ 8,972.54 | $ 0.00 |
| 10 | OTHER TOOLS - RENTS | Ln10/Ln18 | $ 309,536.58 | $ 0.05 |
| 11 | OTHER TOOLS - OTHER | Ln11/Ln18 | $ 8,755,550.73 | $ 1.32 |
| 12 | MOTOR VEHICLES - SALARIES | Ln12/Ln18 | $ 1,034,886.11 | $ 0.16 |
| 13 | MOTOR VEHICLES - BENEFITS | Ln13/Ln18 | $ 215,143.55 | $ 0.03 |
| 14 | MOTOR VEHICLES - RENTS | Ln14/Ln18 | $ 5,359.68 | $ 0.00 |
| 15 | MOTOR VEHICLES - OTHER | Ln15/Ln18 | $ 9,443,446.08 | $ 1.42 |
| 16 | DIRECTLY ASSIGNED BENEFITS | Ln16/Ln18 | $ 37,388,472.36 | $ 5.62 |
| 17 | TOTAL DIRECTLY ASSIGNED | Ln17/Ln18 | $ 256,356,701.39 | **$ 38.51** |
| 18 | TOTAL CLASSIFIED PROD HOURS | | 6,656,374.79 | |

| Line No. | Description | Formula | Rate with BellSouth Projected Inflation | Rate with BellSouth Actual Inflation* |
|---|---|---|---|---|
| 1 | Labor Rate Pre-Inflation | Ln 17 | **$ 38.51** | **$ 38.51** |
| 2 | 1999 % Change in Union Wage | BSTLM Input | 3.20% | 2.70% |
| 3 | 2000 % Change in Union Wage | BSTLM Input | 3.40% | 3.00% |
| 4 | 2001 % Change in Union Wage | BSTLM Input | 3.50% | 3.60% |
| 5 | 2002 % Change in Union Wage | BSTLM Input | 3.50% | 2.70% |
| 6 | 1999 Inflation Rate | 1+Ln2 | 1.03200 | 1.02700 |
| 7 | 2000 Inflation Rate | Ln 6*(1+Ln3) | 1.06709 | 1.05781 |
| 8 | 2001 Inflation Rate | Ln 7*(1 + Ln4) | 1.10444 | 1.09589 |
| 9 | 2002 Inflation Rate | Ln 8*(1 + Ln5) | 1.14309 | 1.12548 |
| 10 | 2000-2002 Inflation Factor | (Ln6+Ln7+Ln8)/3 | 1.1049 | 1.0931 |
| 11 | Inflated Labor Rate | Ln1*Ln10 | $ 42.55 | $ 42.09 |
| 12 | Undocumented BellSouth Loading | | 15.27% | |
| 13 | Inflated Labor Rate (after Loading) | Ln11*Ln12 | $ 49.05 | $ 42.09 |

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Contains BellSouth Proprietary Information

| A | B | C |
|---|---|---|
| | | |
| | | |
| STATE: REGION | | |
| FG/FSG: OUTSIDE PLANT CONSTRUCTION | | |
| WCT: OSPC | | |
| JFC: 420X OR 421X | | |
| | | |
| | | 1998 |
| | | CLASSIFIED |
| | 1998 | HOURLY COST |
| COMPONENT | DOLLARS** | (B/B32) |
| | | |
| DIRECT LABOR - PRODUCTIVE | $ 137,510,941.88 | $ 20.66 |
| DIRECT LABOR - PREMIUM | $ 10,436,182.27 | $ 1.57 |
| DIRECT LABOR - OTHER EMPLOYEE | $ 2,914,030.04 | $ 0.44 |
| DIRECT LABOR - ANNUAL PAID ABSENCE | $ 21,424,786.38 | $ 3.22 |
| DIRECT LABOR - DIRECT ADMINISTRATION | $ 24,343,558.08 | $ 3.66 |
| TOTAL DIRECT LABOR | $ 196,629,498.65 | $ 29.54 |
| DIRECT LABOR - OTHER COST | $ 2,515,990.78 | $ 0.38 |
| OTHER TOOLS - SALARIES | $ 49,844.33 | $ 0.01 |
| OTHER TOOLS - BENEFITS | $ 8,972.54 | $ 0.00 |
| OTHER TOOLS - RENTS | $ 309,536.58 | $ 0.05 |
| OTHER TOOLS - OTHER | $ 8,755,550.73 | $ 1.32 |
| MOTOR VEHICLES - SALARIES | $ 1,034,886.11 | $ 0.16 |
| MOTOR VEHICLES - BENEFITS | $ 215,143.55 | $ 0.03 |
| MOTOR VEHICLES - RENTS | $ 5,359.68 | $ 0.00 |
| MOTOR VEHICLES - OTHER | $ 9,443,446.08 | $ 1.42 |
| DIRECTLY ASSIGNED BENEFITS | $ 37,388,472.36 | $ 5.62 |
| TOTAL DIRECTLY ASSIGNED | $ 256,356,701.39 | $ 38.51 |
| TOTAL CLASSIFIED PROD HOURS | 6,656,374.79 | |
| **DATA EXTRACT FROM FINANCIAL FRONT END SYSTEM | | |

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RL: 98-11-002BT
Attachment C

BELLSOUTH TELECOMMUNICATIONS TPIs
OCTOBER 1998 FORECAST ASSUMPTIONS

| | PRICE INDEX NONRESIDENTIAL STRUCTURES | CHAIN PRICE INDEX GDP | GDP 1992$ | CAPITAL EQUIPMENT PPI | UNION WAGES | COPPER CATHODE PPI | PVC PPI | SEMICOND. PPI |
|---|---|---|---|---|---|---|---|---|
| 1994 | 3.6 | 2.4 | 3.5 | 2.1 | 3.1 | 22.2 | 13.3 | -0.9 |
| 1995 | 4.2 | 2.5 | 2.0 | 2.3 | 2.6 | 27.9 | 10.6 | -7.0 |
| 1996 | 2.3 | 2.3 | 2.8 | 1.2 | 2.7 | -21.5 | -14.5 | -8.1 |
| 1997 | 3.3 | 2.0 | 3.8 | 0.0 | 2.6 | -2.9 | 4.7 | -10.9 |
| 1998 | 2.5 | 1.2 | 3.3 | -0.7 | 2.9 | -26.3 | -17.0 | -9.5 |
| 1999 | 2.0 | 1.9 | 1.9 | -0.2 | 3.2 | -5.0 | -1.5 | -9.0 |
| 2000 | 1.9 | 2.3 | 2.6 | 1.2 | 3.4 | 3.5 | 1.0 | -8.0 |
| 2001 | 2.1 | 2.3 | 2.3 | 1.4 | 3.5 | 8.0 | 6.0 | -8.0 |
| 2002 | 1.9 | 2.3 | 2.3 | 1.6 | 3.5 | 5.0 | 4.0 | -7.0 |
| 2003 | 2.0 | 2.3 | 2.4 | 1.5 | 3.5 | 2.5 | 3.0 | -7.0 |
| 2004 | 2.0 | 2.3 | 2.5 | 1.6 | 3.5 | 2.5 | 2.5 | -7.0 |
| 2005 | 2.2 | 2.3 | 2.5 | 1.5 | 3.5 | 3.0 | 2.6 | -7.0 |
| 2006 | 2.2 | 2.3 | 2.5 | 1.5 | 3.7 | 3.5 | 2.6 | -7.0 |
| 2007 | 2.2 | 2.3 | 2.4 | 1.5 | 3.7 | 3.5 | 2.6 | -7.0 |

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## BELLSOUTH TELECOMMUNICATIONS TPI COMPONENTS

## NOVEMBER 2001 FORECAST ASSUMPTIONS

| | CH PRICE INDEX NONRESIDENTIAL STRUCTURES | CHAIN PRICE INDEX GDP | GDP 1996$ | CAPITAL EQUIPMENT PPI | UNION WAGES | COPPER CATHODE PPI | PVC PPI | SEMICONDUCTOR PPI |
|---|---|---|---|---|---|---|---|---|
| 1997 | 4.2 | 2.0 | 4.4 | -0.1 | 2.6 | -2.9 | 3.8 | -11.0 |
| 1998 | 3.3 | 1.2 | 4.3 | -0.5 | 3.1 | -27.2 | -15.6 | -9.4 |
| 1999 | 2.5 | 1.4 | 4.1 | 0.0 | 2.7 | -3.6 | 13.5 | -4.3 |
| 2000 | 4.1 | 2.3 | 4.1 | 0.9 | 3.0 | 16.4 | 30.2 | -4.7 |
| 2001 | 3.8 | 2.0 | 0.8 | 0.6 | 3.6 | -14.0 | -15.6 | -4.4 |
| 2002 | 2.5 | 1.5 | 2.2 | 0.5 | 2.7 | -1.5 | -7.5 | -4.5 |
| 2003 | 2.6 | 2.2 | 3.6 | 0.6 | 2.9 | 7.5 | 3.5 | -4.5 |
| 2004 | 2.6 | 1.9 | 3.1 | 0.6 | 3.0 | 4.5 | 2.5 | -5.0 |
| 2005 | 2.7 | 1.8 | 3.4 | 0.7 | 3.3 | 3.0 | 2.6 | -5.0 |
| 2006 | 2.7 | 1.7 | 3.4 | 0.7 | 3.4 | 3.0 | 2.6 | -5.0 |
| 2007 | 2.7 | 1.7 | 3.4 | 0.7 | 3.5 | 4.0 | 2.6 | -5.0 |
| 2008 | 2.8 | 1.8 | 3.2 | 0.7 | 3.7 | 4.0 | 2.6 | -5.0 |
| 2009 | 2.8 | 1.8 | 3.2 | 0.7 | 3.7 | 4.0 | 2.6 | -5.0 |
| 2010 | 2.8 | 1.8 | 3.2 | 0.7 | 3.7 | 4.0 | 2.6 | -5.0 |

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CONTAINS BELLSOUTH PROPRIETARY INFORMATION

**CORRECTION OF BELLSOUTH'S INFLATION FORECASTS**
**AND USE OF MATERIAL - ONLY INFLATION FACTORS**

| | | BellSouth As Filed | Actuals | Actuals With New BS Proj | Material With New BS Proj |
|---|---|---|---|---|---|
| Poles | 1C | 7.68 | 3.06 | 2.63 | (3.84) |
| Aerial Ca - Metal | 22C | 8.22 | 2.14 | 0.79 | (3.75) |
| Buried Ca - Metal | 45C | 7.15 | 3.49 | 2.80 | 0.98 |
| Conduit Systems | 4C | 7.00 | 5.50 | 4.72 | 6.93 |
| Intrbld Network - Metal | 52C | 9.26 | 1.43 | 0.09 | (4.85) |
| Underground Ca - Metal | 5C | 9.26 | 2.28 | 0.60 | (2.65) |
| Aerial Ca - Fiber | 822C | 2.01 | 0.58 | 0.58 | (2.11) |
| Buried Ca - Fiber | 845C | 4.05 | 1.87 | 1.87 | (2.11) |
| Intrbld Network - Fiber | 852C | 4.05 | 1.44 | 1.44 | (2.11) |
| Underground Ca - Fiber | 85C | - | (0.43) | (0.43) | (2.11) |
| Digital Sub Pair Gain | 257C | (2.00) | (5.64) | (6.26) | N/A |
| Digital Electronics | 377C | 2.01 | 2.02 | 1.68 | N/A |

| | | BellSouth As Filed | Actuals | Actuals With New BS Proj | Material With New BS Proj |
|---|---|---|---|---|---|
| Poles | 1C | 7.68 | (4.62) | (5.05) | (11.52) |
| Aerial Ca - Metal | 22C | 8.22 | (6.08) | (7.43) | (11.96) |
| Buried Ca - Metal | 45C | 7.15 | (3.66) | (4.35) | (6.17) |
| Conduit Systems | 4C | 7.00 | (1.50) | (2.28) | (0.07) |
| Intrbld Network - Metal | 52C | 9.26 | (7.83) | (9.17) | (14.11) |
| Underground Ca - Metal | 5C | 9.26 | (6.97) | (8.66) | (11.91) |
| Aerial Ca - Fiber | 822C | 2.01 | (1.44) | (1.44) | (4.13) |
| Buried Ca - Fiber | 845C | 4.05 | (2.18) | (2.18) | (6.17) |
| Intrbld Network - Fiber | 852C | 4.05 | (2.62) | (2.62) | (6.17) |
| Underground Ca - Fiber | 85C | - | (0.43) | (0.43) | (2.11) |
| Digital Sub Pair Gain | 257C | (2.00) | (3.64) | (4.26) | N/A |
| Digital Electronics | 377C | 2.01 | 0.00 | (0.34) | N/A |

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CONTAINS BELLSOUTH PROPRIETARY INFORMATION

**BellSouth**
**Account Average Levelized Inflation Loadings**
**For Forward Looking Studies 2000-2002, 1999 Vintage**

| Account Name | FRC | 2000 A | 2001 B | 2002 C | 2000 D | 2001 E | 2002 F | Total G | Investment Inflation Loadings H |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | =(1+(A/100)) | =(1+(B/100))*D | =(1+(C/100))*E | D+E+F | =G/3 |
| **As Filed by BellSouth** | | | | | | | | | |
| Poles | 1C | 3.7 | 3.8 | 3.8 | 1.037340 | 1.076310 | 1.116846 | 3.230496 | 1.076832 |
| Aerial Ca - Metal | 22C | 4.0 | 4.0 | 4.0 | 1.040000 | 1.081600 | 1.124864 | 3.246464 | 1.082155 |
| Buried Ca - Metal | 45C | 4.0 | 3.0 | 3.0 | 1.040000 | 1.071200 | 1.103336 | 3.214536 | 1.071512 |
| Conduit Systems | 4C | 3.2 | 3.7 | 3.5 | 1.032193 | 1.069996 | 1.107775 | 3.209964 | 1.069988 |
| Intrbld Network - Metal | 52C | 5.0 | 4.0 | 4.0 | 1.050000 | 1.092000 | 1.135680 | 3.277680 | 1.092560 |
| Underground Ca - Metal | 5C | 5.0 | 4.0 | 4.0 | 1.050000 | 1.092000 | 1.135680 | 3.277680 | 1.092560 |
| Aerial Ca - Fiber | 822C | 1.0 | 1.0 | 1.0 | 1.010000 | 1.020100 | 1.030301 | 3.060401 | 1.020134 |
| Buried Ca - Fiber | 845C | 2.0 | 2.0 | 2.0 | 1.020000 | 1.040400 | 1.061208 | 3.121608 | 1.040536 |
| Intrbld Network - Fiber | 852C | 2.0 | 2.0 | 2.0 | 1.020000 | 1.040400 | 1.061208 | 3.121608 | 1.040536 |
| Underground Ca - Fiber | 85C | 0.0 | 0.0 | 0.0 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 |
| Digital Sub Pair Gain | 257C | -2.0 | 0.0 | 0.0 | 0.980000 | 0.980000 | 0.980000 | 2.940000 | 0.980000 |
| Digital Electronics | 377C | 1.0 | 1.0 | 1.0 | 1.010000 | 1.020100 | 1.030301 | 3.060401 | 1.020134 |
| **Updated BellSouth For Actuals** | | | | | | | | | |
| Poles | 1C | 0.8 | 1.5 | 3.8 | 1.008047 | 1.022677 | 1.061193 | 3.091917 | 1.030639 |
| Aerial Ca - Metal | 22C | -0.1 | 1.3 | 4.0 | 0.999127 | 1.012227 | 1.052716 | 3.064070 | 1.021357 |
| Buried Ca - Metal | 45C | 1.5 | 1.4 | 3.0 | 1.015451 | 1.029185 | 1.060060 | 3.104695 | 1.034898 |
| Conduit Systems | 4C | 2.9 | 2.0 | 3.5 | 1.029234 | 1.049395 | 1.086447 | 3.165076 | 1.055025 |
| Intrbld Network - Metal | 52C | -0.6 | 1.1 | 4.0 | 0.993648 | 1.004537 | 1.044719 | 3.042904 | 1.014301 |
| Underground Ca - Metal | 5C | 0.3 | 1.0 | 4.0 | 1.002710 | 1.012647 | 1.053153 | 3.068509 | 1.022836 |
| Aerial Ca - Fiber | 822C | -0.4 | 1.0 | 1.0 | 0.995646 | 1.005806 | 1.015864 | 3.017315 | 1.005772 |
| Buried Ca - Fiber | 845C | 0.3 | 1.3 | 2.0 | 1.003476 | 1.016222 | 1.036547 | 3.056246 | 1.018749 |
| Intrbld Network - Fiber | 852C | -0.1 | 1.3 | 2.0 | 0.998658 | 1.012081 | 1.032322 | 3.043060 | 1.014353 |
| Underground Ca - Fiber | 85C | -1.0 | 0.8 | 0.0 | 0.990323 | 0.998387 | 0.998387 | 2.987097 | 0.995699 |
| Digital Sub Pair Gain | 257C | -4.0 | -2.5 | 0.0 | 0.959854 | 0.935523 | 0.935523 | 2.830900 | 0.943633 |
| Digital Electronics | 377C | -0.2 | 2.8 | 1.0 | 0.997990 | 1.026131 | 1.036392 | 3.060513 | 1.020171 |
| **Updated BellSouth For Actuals and New BellSouth Projections** | | | | | | | | | |
| Poles | 1C | 0.8 | 1.5 | 2.5 | 1.008047 | 1.022677 | 1.048244 | 3.078969 | 1.026323 |
| Aerial Ca - Metal | 22C | -0.1 | 1.3 | 0.0 | 0.999127 | 1.012227 | 1.012227 | 3.023581 | 1.007860 |
| Buried Ca - Metal | 45C | 1.5 | 1.4 | 1.0 | 1.015451 | 1.029185 | 1.039476 | 3.084112 | 1.028037 |
| Conduit Systems | 4C | 2.9 | 2.0 | 1.3 | 1.029234 | 1.049395 | 1.063037 | 3.141666 | 1.047222 |
| Intrbld Network - Metal | 52C | -0.6 | 1.1 | 0.0 | 0.993648 | 1.004537 | 1.004537 | 3.002722 | 1.000907 |
| Underground Ca - Metal | 5C | 0.3 | 1.0 | -1.0 | 1.002710 | 1.012647 | 1.002520 | 3.017877 | 1.005959 |
| Aerial Ca - Fiber | 822C | -0.4 | 1.0 | 1.0 | 0.995646 | 1.005806 | 1.015864 | 3.017315 | 1.005772 |
| Buried Ca - Fiber | 845C | 0.3 | 1.3 | 2.0 | 1.003476 | 1.016222 | 1.036547 | 3.056246 | 1.018749 |
| Intrbld Network - Fiber | 852C | -0.1 | 1.3 | 2.0 | 0.998658 | 1.012081 | 1.032322 | 3.043060 | 1.014353 |
| Underground Ca - Fiber | 85C | -1.0 | 0.8 | 0.0 | 0.990323 | 0.998387 | 0.998387 | 2.987097 | 0.995699 |
| Digital Sub Pair Gain | 257C | -4.0 | -2.5 | -2.0 | 0.959854 | 0.935523 | 0.916813 | 2.812190 | 0.937397 |
| Digital Electronics | 377C | -0.2 | 2.8 | 0.0 | 0.997990 | 1.026131 | 1.026131 | 3.050251 | 1.016750 |
| **Updated BellSouth For Material-Only Actuals and New BellSouth Projections** | | | | | | | | | |
| Poles | 1C | -4.2 | 0.3 | 0.6 | 0.957746 | 0.960712 | 0.966476 | 2.884934 | 0.961645 |
| Aerial Ca - Metal | 22C | -2.0 | 0.3 | -5.9 | 0.979744 | 0.982942 | 0.924949 | 2.887635 | 0.962545 |
| Buried Ca - Metal | 45C | 2.3 | 0.3 | -4.6 | 1.023429 | 1.026624 | 0.979399 | 3.029453 | 1.009818 |
| Conduit Systems | 4C | 7.1 | 1.8 | -4.0 | 1.071006 | 1.090237 | 1.046627 | 3.207870 | 1.069290 |
| Intrbld Network - Metal | 52C | -2.9 | -0.1 | -5.7 | 0.970652 | 0.969565 | 0.914300 | 2.854517 | 0.951506 |
| Underground Ca - Metal | 5C | -0.8 | 0.1 | -5.9 | 0.992248 | 0.993355 | 0.934748 | 2.920351 | 0.973450 |
| Aerial Ca - Fiber | 822C | -2.1 | 0.5 | -1.0 | 0.979021 | 0.983683 | 0.973846 | 2.936550 | 0.978850 |
| Buried Ca - Fiber | 845C | -2.1 | 0.5 | -1.0 | 0.979021 | 0.983683 | 0.973846 | 2.936550 | 0.978850 |
| Intrbld Network - Fiber | 852C | -2.1 | 0.5 | -1.0 | 0.979021 | 0.983683 | 0.973846 | 2.936550 | 0.978850 |
| Underground Ca - Fiber | 85C | -2.1 | 0.5 | -1.0 | 0.979021 | 0.983683 | 0.973846 | 2.936550 | 0.978850 |

DECLASSIFIED

DECLASSIFIED



**BellSouth Telecommunications**
**Forecast Telephone Plant Indexes**
**Accounts On Part 32 USOA Basis**

| FRC | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008+ | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **As Filed by BellSouth** | | | | | | | | | | | | | | | | | | | | | | |
| | ACTUAL | ACTUAL | ACTUAL | | | | | | | | | | | | | | | | | | | |
| 1C | 8.5 | 1.7 | 2.6 | 4.0 | 3.4 | 3.7 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 4.0 | | | | | | | | |
| 22C | 10.0 | 2.2 | 1.8 | -1.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | | | | | | | | |
| 45C | 5.7 | 2.0 | 3.0 | 1.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | | | | | | | | |
| 4C | 8.9 | 1.3 | 2.2 | 1.5 | 2.5 | 3.2 | 3.7 | 3.5 | 3.4 | 3.4 | 3.4 | 3.5 | 3.5 | 3.0 | | | | | | | | |
| 52C | 8.6 | 3.1 | -2.1 | -3.0 | 0.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | | | | | |
| 5C | 11.5 | 1.7 | -0.2 | -2.0 | 0.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | | | | | | | | |
| 822C | -2.3 | 1.2 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | -1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | | | | | | | | |
| 845C | 0.5 | 2.1 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | | | | | | | | |
| 852C | -3.2 | 1.6 | 1.7 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | | | | | | | | |
| 85C | -3.2 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -2.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | | | |
| 257C | -0.4 | -2.0 | 1.1 | -3.0 | 0.0 | -2.0 | 0.0 | 0.0 | 0.0 | -1.0 | -2.0 | -2.0 | -2.0 | 0.0 | | | | | | | | |
| 377C | 0.8 | 10.5 | -0.4 | -2.0 | -1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 0.0 | 0.0 | -1.0 | -1.0 | 1.0 | | | | | | | | |
| **Updated BellSouth For Actuals** | | | | | | | | | | | | | | | Source: Attachment 2, Page 2-3 | | | | | | | |
| | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | | | | | | | | | | | | | | | |
| 1C | 8.5 | 1.7 | 2.6 | 2.5 | 1.6 | 0.8 | 1.5 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 4.0 | | | | 131.3 | 134.6 | 136.7 | 137.8 | 139.8 |
| 22C | 10.0 | 2.2 | 1.8 | -0.9 | -0.5 | -0.1 | 1.3 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | | | | 116.1 | 115.1 | 114.5 | 114.4 | 115.9 |
| 45C | 5.7 | 2.0 | 3.0 | 0.2 | 0.6 | 1.5 | 1.4 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | | | | 115.6 | 115.8 | 116.5 | 118.3 | 119.9 |
| 4C | 8.9 | 1.3 | 2.2 | 0.5 | 0.0 | 2.9 | 2.0 | 3.5 | 3.4 | 3.4 | 3.4 | 3.5 | 3.5 | 3.0 | | | | 98.7 | 99.2 | 99.2 | 102.1 | 104.1 |
| 52C | 8.6 | 3.1 | -2.1 | -1.0 | 0.5 | -0.6 | 1.1 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | 110.8 | 109.7 | 110.2 | 109.5 | 110.7 |
| 5C | 11.5 | 1.7 | -0.2 | -1.0 | 2.8 | 0.3 | 1.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | | | | 108.8 | 107.7 | 110.7 | 111.0 | 112.1 |
| 822C | -2.3 | 1.2 | 0.8 | -4.7 | -5.9 | -0.4 | 1.0 | 1.0 | -1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | | | | 76.8 | 73.2 | 68.9 | 68.6 | 69.3 |
| 845C | 0.5 | 2.1 | 1.5 | -2.0 | -1.8 | 0.3 | 1.3 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | | | | 89.7 | 87.9 | 86.3 | 86.6 | 87.7 |
| 852C | -3.2 | 1.6 | 1.7 | -1.9 | -4.0 | -0.1 | 1.3 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | | | | 79.1 | 77.6 | 74.5 | 74.4 | 75.4 |
| 85C | -3.2 | 0.9 | 0.1 | -5.8 | -7.3 | -1.0 | 0.8 | 0.0 | -2.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 71.0 | 66.9 | 62.0 | 61.4 | 61.9 |
| 257C | -0.4 | -2.0 | 1.1 | -1.1 | -5.2 | -4.0 | -2.5 | 0.0 | 0.0 | -1.0 | -2.0 | -2.0 | -2.0 | 0.0 | | | | 87.7 | 86.7 | 82.2 | 78.9 | 76.9 |
| 377C | 0.8 | 10.5 | -0.4 | -2.8 | -4.6 | -0.2 | 2.8 | 1.0 | 2.0 | 0.0 | 0.0 | -1.0 | -1.0 | 1.0 | | | | 107.3 | 104.3 | 99.5 | 99.3 | 102.1 |
| **Updated BellSouth For Actuals and New BellSouth Projections** | | | | | | | | Source: Attachment 3, Page 1-2 | | | | | | | Source: Attachment 2, Page 2-3 | | | | | | | |
| | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | BS Proj | BS Proj | BS Proj | BS Proj | BS Proj | BS Proj | BS Proj | | | | | | | | |
| 1C | 8.5 | 1.7 | 2.6 | 2.5 | 1.6 | 0.8 | 1.5 | 2.5 | 2.7 | 3.1 | 2.9 | 3.0 | 3.9 | 3.6 | | | | 131.3 | 134.6 | 136.7 | 137.8 | 139.8 |
| 22C | 10.0 | 2.2 | 1.8 | -0.9 | -0.5 | -0.1 | 1.3 | 0.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | 116.1 | 115.1 | 114.5 | 114.4 | 115.9 |
| 45C | 5.7 | 2.0 | 3.0 | 0.2 | 0.6 | 1.5 | 1.4 | 1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | 115.6 | 115.8 | 116.5 | 118.3 | 119.9 |
| 4C | 8.9 | 1.3 | 2.2 | 0.5 | 0.0 | 2.9 | 2.0 | 1.3 | 2.9 | 2.9 | 3.1 | 3.2 | 3.3 | 3.4 | | | | 98.7 | 99.2 | 99.2 | 102.1 | 104.1 |
| 52C | 8.6 | 3.1 | -2.1 | -1.0 | 0.5 | -0.6 | 1.1 | 0.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | 110.8 | 109.7 | 110.2 | 109.5 | 110.7 |
| 5C | 11.5 | 1.7 | -0.2 | -1.0 | 2.8 | 0.3 | 1.0 | -1.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | 108.8 | 107.7 | 110.7 | 111.0 | 112.1 |
| 822C | -2.3 | 1.2 | 0.8 | -4.7 | -5.9 | -0.4 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | -1.0 | 1.0 | 1.0 | | | | 76.8 | 73.2 | 68.9 | 68.6 | 69.3 |
| 845C | 0.5 | 2.1 | 1.5 | -2.0 | -1.8 | 0.3 | 1.3 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | | | | 89.7 | 87.9 | 86.3 | 86.6 | 87.7 |
| 852C | -3.2 | 1.6 | 1.7 | -1.9 | -4.0 | -0.1 | 1.3 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | | | | 79.1 | 77.6 | 74.5 | 74.4 | 75.4 |
| 85C | -3.2 | 0.9 | 0.1 | -5.8 | -7.3 | -1.0 | 0.8 | 0.0 | -2.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 71.0 | 66.9 | 62.0 | 61.4 | 61.9 |
| 257C | -0.4 | -2.0 | 1.1 | -1.1 | -5.2 | -4.0 | -2.5 | -2.0 | 0.0 | -2.0 | 0.0 | -1.0 | 0.0 | 0.0 | | | | 87.7 | 86.7 | 82.2 | 78.9 | 76.9 |
| 377C | 0.8 | 10.5 | -0.4 | -2.8 | -4.6 | -0.2 | 2.8 | 0.0 | 0.0 | -2.0 | -2.0 | -1.0 | 0.0 | 0.0 | | | | 107.3 | 104.3 | 99.5 | 99.3 | 102.1 |
| **Updated BellSouth For Material-Only Actuals and New BellSouth Projections** | | | | | | | | Source: Attachment 3, Page 5 | | | | | | | Source: Attachment 2, Page 4-6 | | | | | | | |
| | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | ACTUAL | BS Proj | BS Proj | BS Proj | BS Proj | BS Proj | BS Proj | BS Proj | | | | | | | | |
| 1C | 17.3 | 0.0 | -0.2 | 0.7 | 0.0 | -4.2 | 0.3 | 0.6 | 0.6 | 2.4 | 0.6 | 0.6 | 4.2 | 1.9 | 114.5 | 134.3 | 134.3 | 134.0 | 134.9 | 134.9 | 129.2 | 129.6 |
| 22C | 21.7 | 1.7 | -1.0 | -5.6 | -2.9 | -2.0 | 0.3 | -5.9 | 0.8 | 4.0 | 2.5 | 2.0 | 2.0 | 2.4 | 83.5 | 101.6 | 103.3 | 102.3 | 96.6 | 93.8 | 91.9 | 92.2 |
| 45C | 12.2 | -0.9 | 1.7 | -5.6 | -2.1 | 2.3 | 0.3 | -4.6 | 1.2 | 3.2 | 2.3 | 1.9 | 1.8 | 2.1 | 89.8 | 100.8 | 99.9 | 101.6 | 95.9 | 93.9 | 96.1 | 96.4 |
| 4C | 13.5 | -8.2 | -1.2 | -6.2 | -5.3 | 7.1 | 1.8 | -4.0 | 2.7 | 2.1 | 2.2 | 2.3 | 2.3 | 2.4 | 73.9 | 83.9 | 77.0 | 76.1 | 71.4 | 67.6 | 72.4 | 73.7 |
| 52C | 15.2 | 3.2 | -5.6 | -6.2 | 0.9 | -2.9 | -0.1 | -5.7 | 0.8 | 4.0 | 2.5 | 2.0 | 2.0 | 2.4 | 86.6 | 99.8 | 103.0 | 97.2 | 91.2 | 92.0 | 89.3 | 89.2 |
| 5C | 24.5 | 0.5 | -4.4 | -4.4 | 4.0 | -0.8 | 0.1 | -5.9 | 1.0 | 4.2 | 2.5 | 2.2 | 2.4 | 2.8 | 75.9 | 94.5 | 95.0 | 90.8 | 86.8 | 90.3 | 89.6 | 89.7 |
| 822C | -7.1 | 0.0 | -1.5 | -8.9 | -10.8 | -2.1 | 0.5 | -1.0 | -3.0 | -2.5 | -2.5 | -5.0 | -2.5 | -2.5 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| 845C | -7.1 | 0.0 | -1.5 | -8.9 | -10.8 | -2.1 | 0.5 | -1.0 | -3.0 | -2.5 | -2.5 | -5.0 | -2.5 | -2.5 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| 852C | -7.1 | 0.0 | -1.5 | -8.9 | -10.8 | -2.1 | 0.5 | -1.0 | -3.0 | -2.5 | -2.5 | -5.0 | -2.5 | -2.5 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| 85C | -7.1 | 0.0 | -1.5 | -8.9 | -10.8 | -2.1 | 0.5 | -1.0 | -3.0 | -2.5 | -2.5 | -5.0 | -2.5 | -2.5 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |

CONTAINS BELLSOUTH PROPRIETARY INFORMATION

DECLASSIFIED

**BELLSOUTH TELECOMMUNICATIONS**
**HISTORICAL TELEPHONE PLANT INDEXES**
**ACCOUNTS ON A PART 32 USOA BASIS**
**1988=100**



| ACCOUNT NAME | ACCT # | FRC | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 1/01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BUILDINGS | 2121 | 10C | 100.0 | 100.5 | 102.5 | 104.9 | 108.6 | 109.7 | 112.4 | 115.6 | 119.1 | 119.6 | 120.0 | 122.2 | 123.7 | 124.9 |
| MOTOR VEHICLES | 2112 | 40C | 100.0 | 102.7 | 104.5 | 108.0 | 110.4 | 113.2 | 116.2 | 117.6 | 118.6 | 117.4 | 116.2 | 116.4 | 117.0 | 117.8 |
| AIRCRAFT | 2113 | 140C | 100.0 | 104.1 | 110.3 | 117.7 | 122.9 | 125.8 | 129.6 | 135.7 | 141.0 | 143.6 | 143.8 | 145.0 | 152.8 | 158.4 |
| GARAGE WORK EQUIP. | 2115 | 340C | 100.0 | 105.7 | 112.1 | 118.0 | 122.4 | 124.7 | 128.1 | 131.9 | 135.0 | 136.4 | 138.0 | 139.8 | 141.4 | 142.4 |
| OTHER WORK EQUIP. | 2116 | 540C | 100.0 | 104.8 | 108.8 | 112.0 | 115.1 | 118.1 | 119.6 | 122.3 | 125.0 | 127.1 | 129.7 | 131.7 | 132.9 | 133.3 |
| FURNITURE | 2122 | 30C | 100.0 | 103.9 | 107.4 | 109.7 | 111.2 | 113.1 | 116.5 | 119.3 | 122.1 | 124.2 | 125.0 | 126.1 | 127.5 | 128.4 |
| OFFICE EQ. | 2123 | | 100.0 | 99.2 | 94.9 | 99.1 | 102.6 | 102.5 | 103.7 | 103.7 | 105.0 | 105.2 | 107.5 | 106.6 | 106.4 | 106.2 |
| OFFICE SUPPORT EQUIP. | | 430C | 100.0 | 102.3 | 102.3 | 102.6 | 103.7 | 103.7 | 104.0 | 104.2 | 104.7 | 105.1 | 105.0 | 105.0 | 105.4 | 105.3 |
| OFFICE COMMON EQUIP. | | 718C | 100.0 | 98.8 | 94.4 | 98.7 | 102.3 | 102.1 | 103.9 | 103.9 | 105.6 | 105.7 | 108.1 | 106.9 | 106.4 | 106.2 |
| COMPUTER EQUIPMENT | 2124 | 530C | 100.0 | 99.9 | 95.8 | 79.4 | 66.6 | 58.4 | 53.7 | 48.1 | 40.4 | 32.6 | 26.0 | 21.7 | 19.2 | 18.2 |
| GENERAL EQ. COMPOSITE | | | 100.0 | 100.6 | 97.5 | 89.3 | 83.0 | 76.0 | 72.2 | 67.5 | 60.2 | 52.5 | 45.3 | 40.5 | 37.8 | 36.7 |
| ANALOG ELECTRONIC | 2211 | 77C | 100.0 | 105.3 | 107.4 | 112.1 | 113.8 | 113.2 | 113.8 | 114.8 | 121.2 | 119.7 | 122.3 | 121.3 | 125.6 | 120.4 |
| DIGITAL ELECTRONIC | 2212 | 377C | 100.0 | 96.6 | 96.7 | 93.8 | 97.2 | 99.9 | 96.6 | 97.4 | 107.7 | 107.3 | 104.3 | 99.5 | 99.3 | 102.1 |
| OPERATOR SYSTEMS | 2220 | 117C | 100.0 | 97.2 | 95.3 | 92.1 | 92.7 | 95.3 | 91.3 | 92.0 | 100.5 | 101.0 | 102.7 | 96.4 | 96.7 | 99.4 |
| RADIO | 2231 | 67C | 100.0 | 104.9 | 108.1 | 121.0 | 127.5 | 132.6 | 128.0 | 125.4 | 123.5 | 124.0 | 119.5 | 115.0 | 110.3 | 108.6 |
| CIRCUIT COMPOSITE | 2232 | | 100.0 | 100.3 | 99.9 | 102.5 | 100.6 | 103.1 | 100.2 | 98.6 | 96.7 | 96.2 | 95.8 | 90.3 | 87.8 | 86.7 |
| ANALOG CIRCUIT | | 57C | 100.0 | 102.4 | 104.8 | 108.9 | 111.0 | 112.7 | 116.6 | 118.2 | 119.3 | 124.3 | 122.3 | 125.0 | 121.0 | 121.3 |
| DIGITAL SUBS PAIR GAIN | | 257C | 100.0 | 100.7 | 99.8 | 104.9 | 100.8 | 103.8 | 101.8 | 101.4 | 99.4 | 100.5 | 100.9 | 94.4 | 92.8 | 92.8 |
| OTHER DIGITAL CIRCUIT | | 157C,357C | 100.0 | 99.1 | 99.2 | 98.1 | 98.7 | 100.8 | 96.1 | 92.6 | 90.6 | 87.7 | 86.7 | 82.2 | 78.9 | 76.9 |
| CENTAL OFC COMPOSITE | | | 100.0 | 99.6 | 99.6 | 99.9 | 100.7 | 103.2 | 100.2 | 99.7 | 102.2 | 101.7 | 100.4 | 95.1 | 93.6 | 93.9 |
| STATION APPARATUS | 2311 | 318C | 100.0 | 98.3 | 93.4 | 97.9 | 101.7 | 99.4 | 100.2 | 101.0 | 102.6 | 102.4 | 104.2 | 102.2 | 101.2 | 100.6 |
| LARGE PBX | 2341 | 258C | 100.0 | 103.4 | 103.2 | 105.9 | 105.2 | 107.8 | 104.4 | 101.8 | 100.6 | 100.1 | 97.0 | 91.4 | 87.6 | 86.3 |
| PUBLIC TELEPHONES | 2351 | 198C | 100.0 | 99.7 | 99.0 | 99.5 | 98.9 | 101.5 | 101.6 | 103.0 | 103.8 | 104.5 | 106.0 | 103.5 | 103.5 | 103.5 |
| OTHER TERM EQUIPMENT | 2362 | 558C,858C | 100.0 | 101.2 | 101.1 | 102.4 | 102.6 | 104.6 | 103.7 | 102.2 | 100.2 | 99.7 | 101.3 | 98.4 | 95.9 | 95.7 |
| STATION COMPOSITE | | | 100.0 | 100.5 | 100.2 | 101.2 | 101.0 | 103.4 | 102.7 | 102.4 | 101.2 | 101.1 | 101.3 | 97.7 | 94.5 | 94.0 |
| INSIDE PLANT COMPOSITE | | | 100.0 | 99.6 | 99.6 | 100.0 | 100.7 | 103.2 | 100.3 | 99.8 | 102.2 | 101.7 | 100.4 | 95.2 | 93.6 | 93.9 |

**PRIVATE/PROPRIETARY**

CONTAINS PRIVATE AND/OR PROPRIETARY INFORMATION.
MAY NOT BE USED OR DISCLOSED OUTSIDE THE BELLSOUTH COMPANIES
EXCEPT PURSUANT TO A WRITTEN AGREEMENT.

CONTAINS BELLSOUTH PROPRIETARY INFORMATION

**BELLSOUTH TELECOMMUNICATIONS**
**HISTORICAL TELEPHONE PLANT INDEXES**
**ACCOUNTS ON A PART 32 USOA BASIS**
**1988=100**

| ACCOUNT NAME | ACCT # | FRC | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 1/01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CIRCUIT-ANALOG & DIGITAL | 2232 | | 100.0 | 100.3 | 99.9 | 102.5 | 100.6 | 103.1 | 100.2 | 98.6 | 96.7 | 96.2 | 95.8 | 90.3 | 87.8 | 86.7 |
| ANALOG CIRCUIT | | 57C | 100.0 | 102.4 | 104.8 | 108.9 | 111.0 | 112.7 | 116.6 | 118.2 | 119.3 | 124.3 | 122.3 | 125.0 | 121.0 | 121.3 |
| MATERIAL (UNLOADED) | | | 100.0 | 103.8 | 105.9 | 109.3 | 112.2 | 112.5 | 118.1 | 121.7 | 120.9 | 125.6 | 123.6 | 127.5 | 123.7 | 124.0 |
| INSTALLATION | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| EQ SPEC | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| LOADED MATERIAL | | | 100.0 | 102.2 | 104.5 | 109.7 | 111.9 | 113.4 | 117.4 | 119.5 | 120.5 | 125.7 | 123.3 | 126.1 | 122.0 | 122.3 |
| TELCO LABOR COE | | | 100.0 | 103.3 | 105.9 | 107.4 | 108.8 | 112.0 | 115.7 | 114.3 | 117.5 | 119.8 | 123.5 | 124.5 | 124.4 | 126.8 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.0 | 106.5 | 107.7 | 108.1 | 109.8 | 117.4 | 119.4 | 124.6 | 129.8 | 123.7 | 121.9 | 124.3 |
| OTHER DIGITAL CIRCUIT | | 157C,357C | 100.0 | 99.1 | 99.2 | 98.1 | 98.7 | 100.8 | 96.1 | 92.6 | 90.6 | 87.7 | 86.7 | 82.2 | 78.9 | 76.9 |
| MATERIAL (UNLOADED) | | | 100.0 | 99.2 | 98.8 | 99.4 | 100.0 | 101.2 | 97.8 | 94.4 | 91.4 | 89.7 | 86.4 | 81.8 | 77.5 | 75.5 |
| INSTALLATION | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| EQ SPEC | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| LOADED MATERIAL | | | 100.0 | 98.8 | 98.8 | 97.6 | 98.2 | 100.2 | 95.2 | 91.4 | 89.2 | 86.2 | 85.1 | 80.6 | 77.3 | 75.3 |
| TELCO LABOR COE | | | 100.0 | 103.3 | 105.9 | 107.3 | 108.8 | 112.0 | 115.7 | 114.3 | 117.5 | 119.8 | 123.5 | 124.5 | 124.3 | 126.7 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.0 | 106.5 | 107.7 | 108.1 | 109.9 | 117.4 | 119.4 | 124.7 | 129.9 | 123.7 | 121.9 | 124.3 |
| CIRCUIT-DIG. SUB. PAIR GAIN | | 257C | 100.0 | 100.7 | 99.8 | 104.9 | 100.8 | 103.8 | 101.8 | 101.4 | 99.4 | 100.5 | 100.9 | 94.4 | 92.8 | 92.8 |
| MATERIAL (UNLOADED) | | | 100.0 | 100.8 | 99.3 | 100.8 | 99.7 | 101.5 | 99.2 | 99.0 | 95.8 | 95.1 | 92.2 | 87.9 | 85.8 | 85.6 |
| INSTALLATION | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| EQ SPEC | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| LOADED MATERIAL | | | 100.0 | 100.5 | 99.3 | 104.7 | 100.1 | 103.1 | 100.8 | 100.2 | 98.0 | 99.0 | 99.2 | 92.4 | 90.8 | 90.6 |
| TELCO LABOR COE | | | 100.0 | 103.3 | 105.8 | 107.3 | 108.8 | 112.0 | 115.7 | 114.2 | 117.5 | 119.8 | 123.4 | 124.5 | 124.3 | 126.7 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.7 | 108.1 | 109.9 | 117.4 | 119.4 | 124.7 | 129.9 | 123.7 | 121.9 | 124.3 |
| STATION APPARATUS | 2311 | 318C | 100.0 | 98.3 | 93.4 | 97.9 | 101.7 | 99.4 | 100.2 | 101.0 | 102.6 | 102.4 | 104.2 | 102.2 | 101.2 | 100.6 |
| LARGE PBX | 2341 | 258C | 100.0 | 103.4 | 103.2 | 105.9 | 105.2 | 107.8 | 104.4 | 101.8 | 100.6 | 100.1 | 97.0 | 91.4 | 87.6 | 86.3 |
| MATERIAL (UNLOADED) | | | 100.0 | 100.6 | 99.6 | 100.8 | 100.4 | 102.0 | 99.3 | 97.5 | 94.5 | 93.4 | 90.3 | 85.9 | 82.5 | 81.2 |
| LOADED MATERIAL | | | 100.0 | 103.3 | 102.7 | 105.7 | 104.6 | 107.3 | 103.1 | 100.0 | 98.4 | 97.6 | 94.1 | 88.7 | 85.0 | 83.7 |
| INSTALLATION (CONTRACT) | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TELCO LABOR | | | 100.0 | 103.3 | 105.9 | 107.4 | 108.9 | 112.1 | 115.8 | 114.4 | 117.6 | 119.9 | 123.6 | 124.6 | 124.5 | 126.9 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.0 | 106.5 | 107.7 | 108.1 | 109.8 | 117.4 | 119.4 | 124.6 | 129.8 | 123.7 | 121.9 | 124.3 |
| PUBLIC TELEPHONES | 2351 | 198C | 100.0 | 99.7 | 99.0 | 99.5 | 98.9 | 101.5 | 101.6 | 103.0 | 103.8 | 104.5 | 106.0 | 103.5 | 103.5 | 103.5 |
| MATERIAL | | | 100.0 | 99.7 | 99.0 | 99.5 | 98.9 | 101.5 | 101.6 | 102.9 | 103.8 | 104.5 | 105.9 | 103.5 | 103.5 | 103.5 |
| TELCO LABOR | | | 100.0 | 103.3 | 105.9 | 107.5 | 108.9 | 112.1 | 115.8 | 114.4 | 117.6 | 119.9 | 123.6 | 124.6 | 124.5 | 126.9 |
| CONTRACT LABOR | | | 100.0 | 101.6 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 130.9 | 135.6 | 140.6 | 143.4 |
| OTHER TERMINAL EQUIPMENT | 2362 | 558C,858C | 100.0 | 101.2 | 101.1 | 102.4 | 102.6 | 104.6 | 103.7 | 102.2 | 100.2 | 99.7 | 101.3 | 98.4 | 95.9 | 95.7 |
| MATERIAL | | | 100.0 | 100.6 | 99.6 | 100.8 | 100.4 | 102.0 | 99.3 | 97.5 | 94.5 | 93.4 | 90.3 | 85.9 | 82.5 | 81.2 |
| TELCO LABOR | | | 100.0 | 103.3 | 105.8 | 107.3 | 108.8 | 112.0 | 115.7 | 114.2 | 117.5 | 119.7 | 123.4 | 124.4 | 124.3 | 126.7 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.0 | 106.5 | 107.7 | 108.1 | 109.9 | 117.4 | 119.4 | 124.7 | 129.9 | 123.7 | 121.9 | 124.3 |
| CONTRACT LABOR | | | 100.0 | 101.6 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 130.9 | 135.6 | 140.6 | 143.4 |

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**BELLSOUTH TELECOMMUNICATIONS**
**HISTORICAL TELEPHONE PLANT INDEXES**
**ACCOUNTS ON A PART 32 USOA BASIS**
**1988=100**

| ACCOUNT NAME | ACCT # | FRC | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 1/01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AERIAL CABLE COMPOSITE | 2421 | | 100.0 | 111.7 | 110.6 | 113.6 | 104.9 | 104.6 | 99.1 | 107.5 | 109.7 | 111.6 | 109.9 | 108.0 | 107.8 | 109.2 |
| AERIAL CABLE-COPPER | | 22C | 100.0 | 113.6 | 112.8 | 116.1 | 105.9 | 106.3 | 101.4 | 111.5 | 114.0 | 116.1 | 115.1 | 114.5 | 114.4 | 115.9 |
| MATERIAL | | | 100.0 | 126.9 | 122.2 | 127.7 | 97.5 | 94.3 | 83.5 | 101.6 | 103.3 | 102.3 | 96.6 | 93.8 | 91.9 | 92.2 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.3 | 108.2 | 111.0 | 115.8 | 114.8 | 115.8 | 119.2 | 124.8 | 128.3 | 130.5 | 132.2 | 134.9 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.3 | 131.4 | 135.3 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 101.6 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 130.9 | 135.6 | 140.6 | 143.4 |
| AERIAL CABLE-OPTICAL | | 822C | 100.0 | 92.0 | 89.8 | 91.1 | 90.2 | 86.1 | 77.2 | 75.4 | 76.2 | 76.8 | 73.2 | 68.9 | 68.6 | 69.3 |
| MATERIAL | | | 100.0 | 84.5 | 80.8 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.5 | 108.6 | 111.5 | 116.3 | 115.3 | 116.3 | 119.8 | 125.3 | 128.9 | 131.1 | 132.8 | 135.5 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 127.4 | 131.5 | 135.4 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 101.6 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 130.9 | 135.6 | 140.6 | 143.4 |
| U.G. CABLE COMPOSITE | 2422 | | 100.0 | 101.8 | 99.1 | 100.5 | 95.8 | 93.2 | 85.2 | 88.9 | 89.9 | 89.9 | 86.5 | 83.8 | 83.4 | 84.2 |
| U.G. CABLE-COPPER | | 5C | 100.0 | 110.3 | 107.9 | 109.8 | 100.2 | 101.3 | 96.2 | 107.3 | 109.0 | 108.8 | 107.7 | 110.7 | 111.0 | 112.1 |
| MATERIAL | | | 100.0 | 117.8 | 109.9 | 111.6 | 85.9 | 85.3 | 75.9 | 94.5 | 95.0 | 90.8 | 86.8 | 90.3 | 89.6 | 89.7 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.2 | 111.1 | 115.9 | 114.9 | 115.9 | 119.3 | 124.9 | 128.4 | 130.6 | 132.3 | 135.0 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.4 | 131.5 | 135.4 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 118.9 | 121.2 | 122.7 | 124.5 |
| U.G. CABLE-OPTICAL | | 85C | 100.0 | 90.9 | 88.2 | 89.2 | 87.9 | 82.5 | 72.6 | 70.3 | 70.9 | 71.0 | 66.9 | 62.0 | 61.4 | 61.9 |
| MATERIAL | | | 100.0 | 84.5 | 80.8 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.0 | 107.2 | 110.0 | 114.8 | 113.7 | 114.8 | 118.2 | 123.7 | 127.1 | 129.3 | 131.0 | 133.7 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.1 | 106.4 | 107.7 | 108.1 | 109.8 | 117.4 | 119.3 | 124.6 | 129.8 | 123.7 | 121.9 | 124.3 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 105.1 | 106.4 | 107.7 | 108.1 | 109.8 | 117.4 | 119.3 | 124.6 | 127.2 | 131.3 | 135.2 | 137.5 |
| OTHER CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 118.9 | 121.2 | 122.7 | 124.5 |
| BURIED CABLE COMPOSITE | 2423 | | 100.0 | 108.7 | 108.3 | 112.4 | 105.4 | 103.7 | 102.1 | 107.2 | 109.4 | 112.5 | 112.2 | 112.2 | 113.6 | 115.1 |
| BURIED CABLE-COPPER | | 45C | 100.0 | 110.4 | 110.0 | 114.4 | 106.2 | 105.1 | 104.1 | 110.0 | 112.2 | 115.6 | 115.8 | 116.5 | 118.3 | 119.9 |
| MATERIAL | | | 100.0 | 124.1 | 118.9 | 127.9 | 95.7 | 94.6 | 89.8 | 100.8 | 99.9 | 101.6 | 95.9 | 93.9 | 96.1 | 96.4 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.5 | 111.3 | 116.2 | 115.1 | 116.2 | 119.6 | 125.2 | 128.7 | 130.9 | 132.6 | 135.3 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.3 | 131.4 | 135.4 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 118.9 | 121.2 | 122.7 | 124.5 |
| BURIED CABLE-OPTICAL | | 845C | 100.0 | 94.5 | 93.7 | 95.4 | 95.7 | 90.6 | 86.2 | 86.6 | 88.4 | 89.7 | 87.9 | 86.3 | 86.6 | 87.7 |
| MATERIAL | | | 100.0 | 84.5 | 80.8 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.0 | 107.2 | 110.0 | 114.8 | 113.7 | 114.8 | 118.2 | 123.7 | 127.1 | 129.3 | 131.0 | 133.7 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.6 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.6 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 127.4 | 131.5 | 135.4 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 118.9 | 121.2 | 122.7 | 124.5 |

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FLORIDA DOCKET 990649-TP
ATTACHMENT BFP-15
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BELLSOUTH TELECOMMUNICATIONS
HISTORICAL TELEPHONE PLANT INDEXES
ACCOUNTS ON A PART 32 USOA BASIS
1988=100

| ACCOUNT NAME | ACCT # | FRC | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 1/01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUB CABLE-COMPOSITE | 2424 | | 100.0 | 106.5 | 106.5 | 109.7 | 107.2 | 100.8 | 95.8 | 96.1 | 98.4 | 100.6 | 102.1 | 95.2 | 95.0 | 95.4 |
| SUB. CABLE-COPPER | | 6C | 100.0 | 116.3 | 119.2 | 123.4 | 119.3 | 116.8 | 116.3 | 124.1 | 125.5 | 129.2 | 131.2 | 128.9 | 131.7 | 132.4 |
| MATERIAL | | | 100.0 | 124.1 | 118.9 | 127.9 | 95.7 | 94.6 | 89.8 | 100.8 | 99.9 | 101.6 | 95.9 | 93.9 | 96.1 | 96.4 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.1 | 107.4 | 110.2 | 115.0 | 113.9 | 115.0 | 118.4 | 123.9 | 127.4 | 129.5 | 131.3 | 134.0 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.1 | 106.4 | 107.7 | 108.1 | 109.8 | 117.4 | 119.3 | 124.6 | 129.8 | 123.7 | 121.9 | 124.3 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 105.1 | 106.4 | 107.7 | 108.1 | 109.8 | 117.4 | 119.3 | 124.6 | 127.2 | 131.3 | 135.2 | 137.5 |
| OTHER CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 118.9 | 121.2 | 122.7 | 124.5 |
| SUB. CABLE-OPTICAL | | 86C | 100.0 | 97.1 | 95.7 | 97.4 | 97.2 | 91.2 | 86.4 | 86.4 | 86.7 | 90.5 | 91.9 | 82.9 | 81.5 | 81.8 |
| MATERIAL | | | 100.0 | 84.5 | 80.9 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.3 | 111.1 | 115.9 | 114.9 | 115.9 | 119.3 | 124.9 | 128.4 | 130.6 | 132.3 | 135.1 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.6 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | | | | | | | | | | | 127.4 | 131.5 | 135.4 | 137.7 |
| OTHER CONTRACT LABOR | | | 100.0 | 102.0 | 104.2 | 107.0 | 109.9 | 105.1 | 106.6 | 109.4 | 113.1 | 116.4 | 118.9 | 121.2 | 122.7 | 124.5 |
| INTBLDG NW CABLE-COMPOSITE | 2426 | | 100.0 | 114.4 | 113.3 | 116.8 | 103.6 | 105.5 | 99.8 | 107.6 | 110.8 | 108.7 | 107.6 | 107.4 | 106.8 | 108.0 |
| INTBLDG NW CABLE -COPPER | | 52C | 100.0 | 114.9 | 113.9 | 117.5 | 103.9 | 106.4 | 101.1 | 109.8 | 113.2 | 110.8 | 109.7 | 110.2 | 109.5 | 110.7 |
| MATERIAL | | | 100.0 | 126.9 | 122.2 | 127.7 | 94.4 | 95.8 | 86.6 | 99.8 | 103.0 | 97.2 | 91.2 | 92.0 | 89.3 | 89.2 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.4 | 111.2 | 116.0 | 115.0 | 116.0 | 119.5 | 125.0 | 128.5 | 130.7 | 132.5 | 135.2 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.3 | 131.4 | 135.4 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 101.8 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 130.9 | 135.6 | 140.6 | 143.4 |
| INTBLDG NW CABLE-OPTICAL | | 852C | 100.0 | 96.2 | 93.6 | 95.1 | 94.1 | 89.3 | 79.1 | 76.6 | 77.8 | 79.1 | 77.6 | 74.5 | 74.4 | 75.4 |
| MATERIAL | | | 100.0 | 84.5 | 80.8 | 81.6 | 79.3 | 71.1 | 57.7 | 53.6 | 53.6 | 52.8 | 48.1 | 42.9 | 42.0 | 42.2 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.6 | 108.9 | 111.7 | 116.6 | 115.5 | 116.6 | 120.0 | 125.6 | 129.2 | 131.4 | 133.1 | 135.8 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.6 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.8 | 106.6 | 107.8 | 108.2 | 109.9 | 117.5 | 119.5 | 124.7 | 127.4 | 131.5 | 135.4 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 101.6 | 103.4 | 107.1 | 110.3 | 113.3 | 117.0 | 120.8 | 124.0 | 127.1 | 130.9 | 135.6 | 140.6 | 143.4 |
| CABLE COMPOSITE | | | 100.0 | 108.7 | 107.7 | 111.1 | 104.0 | 102.6 | 99.2 | 105.0 | 107.0 | 109.4 | 108.4 | 107.6 | 108.5 | 109.8 |
| CABLE-COPPER | | | 100.0 | 111.3 | 110.7 | 114.7 | 105.7 | 105.2 | 102.6 | 110.2 | 112.5 | 115.3 | 115.0 | 115.5 | 116.7 | 118.2 |
| CABLE-OPTICAL | | | 100.0 | 92.5 | 90.7 | 92.0 | 91.4 | 86.5 | 79.3 | 78.4 | 79.4 | 80.2 | 77.3 | 74.5 | 74.5 | 75.4 |
| OSP STRUCTURES | | | 100.0 | 99.2 | 99.1 | 98.8 | 100.6 | 94.8 | 98.4 | 106.8 | 108.1 | 110.6 | 112.1 | 112.9 | 115.1 | 117.1 |
| POLE LINES | 2411 | 1C | 100.0 | 102.8 | 104.5 | 106.8 | 111.6 | 113.9 | 116.6 | 125.9 | 128.0 | 131.3 | 134.6 | 136.7 | 137.8 | 139.8 |
| MATERIAL | | | 100.0 | 100.0 | 100.0 | 99.3 | 108.8 | 110.8 | 114.5 | 134.3 | 134.3 | 134.0 | 134.9 | 134.9 | 129.2 | 129.6 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.3 | 111.1 | 115.9 | 114.9 | 115.9 | 119.4 | 124.9 | 128.4 | 130.6 | 132.4 | 135.1 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 105.0 | 106.5 | 107.7 | 108.1 | 109.9 | 117.4 | 119.4 | 124.6 | 129.8 | 123.7 | 121.9 | 124.3 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 105.0 | 106.5 | 107.7 | 108.1 | 109.9 | 117.4 | 119.4 | 124.6 | 127.3 | 131.4 | 135.3 | 137.5 |
| OTHER CONTRACT LABOR | | | 100.0 | 103.5 | 106.8 | 111.2 | 115.5 | 118.1 | 121.2 | 124.9 | 127.8 | 132.1 | 137.1 | 141.3 | 145.9 | 148.5 |
| U.G. CONDUIT | 2441 | 4C | 100.0 | 96.8 | 95.6 | 93.9 | 93.9 | 83.9 | 87.9 | 95.7 | 96.6 | 98.7 | 99.2 | 99.2 | 102.1 | 104.1 |
| MATERIAL | | | 100.0 | 87.0 | 81.3 | 72.1 | 69.5 | 70.0 | 73.9 | 83.9 | 77.0 | 76.1 | 71.4 | 67.6 | 72.4 | 73.7 |
| TELCO LABOR | | | 100.0 | 104.1 | 106.4 | 108.5 | 111.3 | 116.1 | 115.1 | 116.1 | 119.6 | 125.1 | 128.6 | 130.8 | 132.6 | 135.3 |
| TELCO ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 129.9 | 123.8 | 122.0 | 124.4 |
| CONTRACT ENGINEERING | | | 100.0 | 104.9 | 104.9 | 106.5 | 107.8 | 108.2 | 109.9 | 117.5 | 119.4 | 124.7 | 127.3 | 131.4 | 135.4 | 137.6 |
| OTHER CONTRACT LABOR | | | 100.0 | 99.9 | 101.1 | 103.2 | 104.4 | 88.0 | 92.7 | 100.4 | 103.6 | 106.4 | 106.3 | 110.2 | 112.2 | 114.5 |

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BELLSOUTH TELECOMMUNICATIONS

FORECAST TELEPHONE PLANT INDEXES

ACCOUNTS ON PART 32 USOA BASIS

NOVEMBER 2001 FORECAST OF % COST CHANGE

| ACCOUNT NAME | ACCT # | FRC | ACTUAL 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011+ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BUILDINGS | 2121 | 10C | 1.3 | 2.4 | 1.7 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.0 |
| MOTOR VEHICLES | 2112 | 40C | 0.5 | -0.5 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| AIRCRAFT | 2113 | 140C | 5.4 | 5.2 | 1.0 | 1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| GARAGE WORK EQ | 2115 | 340C | 1.2 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| OTHER WORK EQ | 2116 | 540C | 0.9 | 0.2 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| FURNITURE | 2122 | 30C | 1.1 | 1.1 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| OFFICE EQUIPMENT | 2123 | 430,718C | -0.2 | 0.1 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| OFFICE SUPPORT EQUIP. | | | 0.4 | -0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| OTHER COMMON EQUIP. | | | -0.4 | 0.2 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| G.P. COMPUTERS | 2124 | 530C | -11.2 | -12.5 | -13.0 | -14.0 | -14.0 | -14.0 | -14.0 | -14.0 | -14.0 | -14.0 | -14.0 | -8.0 |
| GEN EQUIP. COMPOSITE | | | -6.6 | -7.5 | -7.0 | -7.0 | -6.0 | -6.0 | -5.0 | -5.0 | -4.0 | -3.0 | -3.0 | 0.0 |
| ANALOG ELECTRONIC | 2211 | 77C | 3.5 | 2.3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | -- |
| DIGITAL ELECTRONIC | 2212 | 377C | -0.1 | 0.7 | 0.0 | 0.0 | -2.0 | -2.0 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| OPERATOR SYSTEMS | 2220 | 117C | 0.3 | 0.6 | 0.0 | 0.0 | -2.0 | -2.0 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| RADIO | 2231 | 67C | -4.1 | -1.1 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| CIRCUIT COMPOSITE | 2232 | | -2.8 | -2.4 | -3.0 | -1.0 | -2.0 | -1.0 | -2.0 | -2.0 | -1.0 | -2.0 | -2.0 | 0.0 |
| ANALOG | | 57,457C | -3.2 | 0.8 | -1.0 | 2.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | -- |
| DIGITAL SPG | | 257C | -1.7 | -0.8 | -2.0 | 0.0 | -2.0 | 0.0 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| OTHER DIGITAL | | 157,357C | -3.9 | -4.1 | -4.0 | -2.0 | -2.0 | -2.0 | -2.0 | -3.0 | -3.0 | -4.0 | -4.0 | -1.0 |
| COE COMPOSITE | | | -1.7 | -1.1 | -2.0 | -1.0 | -2.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 1.0 |
| STATION APPARATUS | 2311 | 318C | -1.0 | -0.6 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| LARGE PBX | 2341 | 258C | -4.2 | -2.6 | -3.0 | -1.0 | -3.0 | -2.0 | -3.0 | -3.0 | -3.0 | -3.0 | -3.0 | 1.0 |
| PUBLIC TELEPHONES | 2351 | 198C | 0.0 | -0.3 | -1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| OTHER TERM EQUIP. | 2362 | 558,858C | -2.5 | -0.3 | -1.0 | 1.0 | -1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 |
| STATION COMPOSITE | | | -3.3 | -0.2 | -1.0 | 0.0 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| ISP COMPOSITE | | | -1.7 | -1.0 | -2.0 | -1.0 | -2.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 1.0 |

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**FORECAST TELEPHONE PLANT INDEXES**

**ACCOUNTS ON PART 32 USOA BASIS**

**NOVEMBER 2001 FORECAST OF % COST CHANGE**

| ACCOUNT NAME | ACCT # | FRC | ACTUAL 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011+ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POLES | 2411 | 1C | 0.8 | 3.1 | 2.5 | 2.7 | 3.1 | 2.9 | 3.0 | 3.9 | 3.6 | 3.6 | 3.6 | 4.0 |
| AERIAL CABLE | 2421 | | -0.2 | 2.2 | 0.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.0 |
| COPPER | | 22C | 0.0 | 2.5 | 0.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 |
| OPTICAL | | 822C | -0.6 | 0.9 | 1.0 | 0.0 | 0.0 | 0.0 | -1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 |
| U.G. CABLE | 2422 | | -0.4 | 0.6 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 |
| COPPER | | 5C | 0.3 | 0.6 | -1.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 |
| OPTICAL | | 85C | -1.0 | 0.6 | 0.0 | -1.0 | 0.0 | 0.0 | -2.0 | 0.0 | 0.0 | -2.0 | 1.0 | 1.0 |
| BURIED CABLE | 2423 | | 1.3 | 2.7 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 |
| COPPER | | 45C | 1.6 | 2.7 | 1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| OPTICAL | | 845C | 0.4 | 2.5 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 2.0 |
| SUBMARINE CABLE | 2424 | | -0.2 | -0.3 | -2.0 | -1.0 | 0.0 | 0.0 | -1.0 | 0.0 | 0.0 | -2.0 | 0.0 | 1.0 |
| COPPER | | 6C | 2.2 | 0.3 | -4.0 | 1.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| OPTICAL | | 86C | -1.8 | -0.7 | -1.0 | -2.0 | -2.0 | -2.0 | -4.0 | -2.0 | -2.0 | -5.0 | -1.0 | 0.0 |
| INTRABLDG NETWORK CABLE | 2426 | | -0.5 | 2.2 | 0.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 |
| COPPER | | 52C | -0.6 | 2.3 | 0.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 |
| OPTICAL | | 852C | -0.1 | 1.4 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 |
| CABLE COMPOSITE | | | 0.8 | 2.4 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 |
| COPPER | | | 1.1 | 2.6 | 0.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| OPTICAL | | | 0.0 | 1.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 |
| CONDUIT SYSTEMS | 2441 | 4C | 2.9 | 1.8 | 1.3 | 2.9 | 2.9 | 3.1 | 3.2 | 3.3 | 3.4 | 3.4 | 3.4 | 3.0 |
| OSP STRUCTURES | | | 2.0 | 2.3 | 1.8 | 2.8 | 3.0 | 3.0 | 3.1 | 3.6 | 3.5 | 3.5 | 3.5 | 3.0 |
| OSP COMPOSITE | | | 0.9 | 2.5 | 0.7 | 2.2 | 2.6 | 2.5 | 2.5 | 2.9 | 3.1 | 2.9 | 3.2 | 3.0 |
| TOTAL COMPOSITE | | | -1.3 | -0.5 | -1.0 | 0.0 | -1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | |

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**FORECAST TELEPHONE PLANT INDEXES**

**ACCOUNTS ON PART 32 USOA BASIS**

**NOVEMBER 2001 FORECAST OF % COST CHANGE**

| ACCOUNT NAME | ACCT # | FRC | ACTUAL 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BUILDINGS | 2121 | 10C | 123.7 | 126.5 | 128.5 | 131.6 | 134.6 | 137.7 | 140.8 | 143.8 | 146.9 | 149.9 | 153.0 |
| MOTOR VEHICLES | 2112 | 40C | 117.0 | 115.8 | 116.0 | 116.0 | 117.2 | 118.2 | 119.2 | 120.2 | 121.2 | 122.2 | 123.2 |
| AIRCRAFT | 2113 | 140C | 152.8 | 160.7 | 162.6 | 164.6 | 170.0 | 175.1 | 180.3 | 185.4 | 190.6 | 196.7 | 202.9 |
| GARAGE WORK EQUIPMENT | 2115 | 340C | 141.4 | 142.4 | 143.4 | 144.4 | 145.4 | 146.5 | 147.5 | 148.5 | 149.5 | 150.5 | 151.5 |
| OTHER WORK EQUIPMENT | 2116 | 540C | 132.9 | 133.0 | 133.0 | 134.3 | 135.3 | 137.7 | 140.8 | 143.8 | 146.9 | 149.9 | 153.0 |
| FURNITURE | 2122 | 30C | 127.5 | 129.3 | 130.3 | 132.6 | 135.7 | 137.4 | 138.4 | 139.4 | 140.4 | 141.4 | 142.4 |
| OFFICE EQUIPMENT | 2123 | 430,718C | 106.4 | 106.0 | 106.0 | 107.1 | 108.1 | 109.1 | 109.0 | 110.1 | 111.1 | 112.1 | 113.1 |
| OFFICE SUPPORT EQUIP. | 2123.1 | | 105.4 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 |
| OFFICE COMM EQUIP. | 2123.2 | | 106.4 | 106.0 | 106.0 | 107.1 | 108.1 | 109.1 | 110.1 | 111.1 | 112.1 | 113.1 | 114.1 |
| COMPUTER EQUIPMENT | 2124 | 530C | 19.2 | 16.5 | 14.8 | 12.9 | 11.2 | 9.5 | 7.7 | 6.9 | 6.0 | 5.2 | 4.3 |
| GEN EQUIP. COMPOSITE | | | 37.8 | 35.0 | 32.6 | 30.7 | 29.1 | 27.3 | 25.7 | 24.7 | 24.0 | 23.3 | 22.3 |
| ANALOG ELECTRONIC | 2211 | 77C | 125.6 | 128.5 | 131.6 | 134.6 | 137.7 | 140.8 | 143.8 | 146.9 | 149.9 | 153.0 | 156.1 |
| DIGITAL ELECTRONIC | 2212 | 377C | 99.3 | 100.0 | 100.0 | 100.0 | 98.0 | 96.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| OPERATOR SYSTEMS | 2220 | 117C | 96.7 | 98.0 | 98.0 | 98.0 | 96.0 | 94.1 | 93.1 | 93.0 | 93.0 | 93.0 | 93.0 |
| RADIO | 2231 | 67C | 110.3 | 108.9 | 107.9 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 |
| CIRCUIT COMPOSITE | 2232 | | 87.8 | 86.2 | 83.4 | 82.2 | 80.4 | 79.2 | 77.4 | 75.5 | 74.3 | 72.5 | 71.5 |
| ANALOG | | 57,457C | 121.0 | 122.2 | 120.8 | 123.4 | 123.0 | 125.5 | 125.0 | 125.0 | 125.0 | 126.3 | 127.3 |
| DIGITAL SUBS PAIR GAIN | | 257C | 92.8 | 92.1 | 90.2 | 90.0 | 88.2 | 88.0 | 87.1 | 87.0 | 87.0 | 87.0 | 87.0 |
| OTHER DIGITAL | | 157,357C | 78.9 | 75.8 | 73.0 | 71.5 | 70.6 | 69.6 | 68.6 | 66.9 | 65.0 | 62.4 | 59.5 |
| COE COMPOSITE | | | 93.6 | 93.1 | 91.1 | 90.1 | 88.2 | 87.1 | 86.1 | 85.1 | 84.2 | 83.2 | 82.2 |
| STATION APPARATUS | 2311 | 318C | 101.2 | 100.0 | 100.0 | 100.0 | 100.0 | 101.0 | 102.0 | 103.0 | 104.0 | 105.0 | 106.1 |
| LARGE PBX | 2341 | 258C | 87.6 | 85.4 | 82.5 | 81.2 | 78.6 | 77.4 | 74.7 | 72.8 | 70.8 | 68.9 | 66.9 |
| PUBLIC TELEPHONES | 2351 | 198C | 103.5 | 104.0 | 103.0 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 |
| OTHER TERM EQUIPMENT | 2362 | 558,858C | 95.9 | 96.0 | 95.0 | 96.0 | 95.0 | 95.0 | 95.0 | 95.0 | 96.0 | 96.0 | 97.0 |
| STATION COMPOSITE | | | 94.5 | 95.0 | 94.1 | 94.0 | 93.1 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| INSIDE PLANT COMPOSITE | | | 93.6 | 93.1 | 91.1 | 90.1 | 88.2 | 87.1 | 86.1 | 85.1 | 84.2 | 83.2 | 82.2 |

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BELLSOUTH TELECOMMUNICATIONS TPI COMPONENTS
NOVEMBER 2001 FORECAST



MATERIALS
(percentage changes)

| | COPPER AERIAL CABLE | COPPER U.G. CABLE | COPPER BURIED CABLE | COPPER SUBMARINE CABLE | COPPER INTRBLDG CABLE | COMBINED COPPER CABLE | COMBINED OPTICAL CABLE | POLES | CONDUIT |
|---|---|---|---|---|---|---|---|---|---|
| 1998 | -5.6 | -4.4 | -5.6 | -5.6 | -6.2 | -5.5 | -8.9 | 0.7 | -6.2 |
| 1999 | -2.9 | 4.0 | -2.1 | -2.1 | 0.9 | -1.7 | -10.8 | 0.0 | -5.4 |
| 2000 | -2.0 | -0.8 | 2.3 | 2.3 | -2.9 | 0.4 | -2.1 | -4.2 | 7.2 |
| 2001 | 1.0 | -2.1 | 0.6 | -0.2 | 0.8 | 0.5 | -1.0 | 0.2 | -4.4 |
| 2002 | -5.9 | -5.9 | -4.6 | -4.4 | -5.7 | -5.2 | -1.0 | 0.6 | -4.0 |
| 2003 | 0.8 | 1.0 | 1.2 | 0.7 | 0.8 | 1.0 | -3.0 | 0.6 | 2.7 |
| 2004 | 4.0 | 4.2 | 3.2 | 3.2 | 4.0 | 3.6 | -2.5 | 2.4 | 2.1 |
| 2005 | 2.5 | 2.5 | 2.3 | 2.2 | 2.5 | 2.4 | -2.5 | 0.6 | 2.2 |
| 2006 | 2.0 | 2.2 | 1.9 | 1.8 | 2.0 | 2.0 | -5.0 | 0.6 | 2.3 |
| 2007 | 2.0 | 2.4 | 1.8 | 1.7 | 2.0 | 1.9 | -2.5 | 4.2 | 2.3 |
| 2008 | 2.4 | 2.8 | 2.1 | 2.0 | 2.4 | 2.3 | -2.5 | 1.9 | 2.4 |
| 2009 | 2.6 | 2.9 | 2.3 | 2.2 | 2.6 | 2.4 | -6.5 | 2.0 | 2.4 |
| 2010 | 2.6 | 2.9 | 2.3 | 2.2 | 2.6 | 2.4 | -2.5 | 2.1 | 2.4 |

| | UNLOADED RADIO | UNLOADED ANALOG CIRCUIT | UNLOADED DIGITAL SPG | UNLOADED OTHER DIG CIRCUIT | UNLOADED ANALOG ESS | UNLOADED DIGITAL ESS | UNLOADED OPERATOR SYSTEMS |
|---|---|---|---|---|---|---|---|
| 1998 | -3.5 | -1.6 | -3.0 | -3.7 | 2.4 | 2.0 | 2.0 |
| 1999 | -2.9 | 3.2 | -4.7 | -5.3 | 0.1 | -5.3 | -5.3 |
| 2000 | -3.9 | -3.0 | -2.4 | -5.2 | 4.0 | 0.6 | 0.6 |
| 2001 | -1.2 | 0.7 | -1.0 | -4.2 | 2.2 | 0.7 | 0.7 |
| 2002 | -1.0 | -1.3 | -2.5 | -4.2 | 1.9 | 0.1 | 0.1 |
| 2003 | -0.1 | 2.1 | -0.6 | -1.9 | 2.4 | -0.4 | -0.4 |
| 2004 | -0.2 | -0.4 | -2.4 | -2.0 | 2.4 | -1.6 | -1.6 |
| 2005 | -0.3 | 2.0 | 0.1 | -2.0 | 2.4 | -1.8 | -1.8 |
| 2006 | -0.5 | -0.1 | -1.7 | -2.0 | 2.2 | -1.3 | -1.3 |
| 2007 | -0.5 | 0.1 | -0.8 | -3.0 | 2.1 | -0.4 | -0.4 |
| 2008 | -0.4 | 0.3 | -0.6 | -3.0 | 2.1 | 0.0 | 0.0 |
| 2009 | -0.4 | 0.5 | -0.5 | -4.0 | 2.1 | 0.1 | 0.1 |
| 2010 | -0.4 | 0.5 | -0.5 | -4.0 | 2.1 | 0.1 | 0.1 |

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BELLSOUTH TELECOMMUNICATIONS TPI COMPONENTS

NOVEMBER 2001 FORECAST



MATERIALS

(percentage changes)

| | VEHICLES | WORK EQUIP | GARAGE WORK EQUIP | OFFICE EQUIP | FURNITURE | COMPUTERS | OTHER COMM EQUIP | PUBLIC PHONES | OTHER TERM EQUIP | STATION APPARATUS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1998 | -1.0 | 2.0 | 1.2 | -0.1 | 0.6 | -20.4 | 1.8 | 1.3 | -3.1 | 0.0 |
| 1999 | 0.2 | 1.5 | 1.3 | 0.0 | 0.9 | -16.6 | -1.9 | -2.3 | -5.1 | 0.0 |
| 2000 | 0.5 | 0.9 | 1.2 | 0.4 | 1.1 | -11.3 | -1.0 | 0.0 | -4.0 | 0.0 |
| 2001 | -0.5 | 0.2 | 0.7 | -0.2 | 1.1 | -12.5 | -0.4 | -0.3 | -2.5 | 0.3 |
| 2002 | 0.3 | 0.4 | 0.9 | 0.3 | 1.0 | -13.4 | 0.0 | -0.9 | -3.3 | 0.3 |
| 2003 | 0.4 | 1.2 | 1.2 | 0.3 | 1.8 | -13.5 | 0.3 | 1.0 | -1.2 | 0.3 |
| 2004 | 0.6 | 1.3 | 1.3 | 0.3 | 1.6 | -14.0 | 0.6 | 0.2 | -2.9 | 0.3 |
| 2005 | 0.6 | 1.5 | 1.5 | 0.3 | 1.5 | -14.1 | 0.5 | 0.3 | -1.7 | 0.3 |
| 2006 | 0.6 | 1.5 | 1.5 | 0.3 | 1.4 | -14.2 | -0.1 | 0.1 | -2.6 | 0.3 |
| 2007 | 0.6 | 1.5 | 1.5 | 0.3 | 1.4 | -14.2 | -0.1 | 0.1 | -2.7 | 0.3 |
| 2008 | 0.6 | 1.5 | 1.5 | 0.3 | 1.5 | -14.3 | -0.1 | 0.2 | -2.6 | 0.3 |
| 2009 | 0.6 | 1.5 | 1.5 | 0.3 | 1.5 | -14.3 | 0.2 | 0.1 | -3.0 | 0.3 |
| 2010 | 0.6 | 1.5 | 1.5 | 0.3 | 1.5 | -14.3 | 0.2 | 0.1 | -3.0 | 0.3 |

LABOR

(percentage changes)

| | TELCO ENGINEERING | TELCO COE | TELCO OSP | TELCO STATION | CONTRACT CONDUIT | CONTRACT BUR&UG CABLE | CONTRACT AERIAL CABLE | CONTRACT POLES | CONTRACT ENGINEER OSP |
|---|---|---|---|---|---|---|---|---|---|
| 1998 | 4.2 | 3.1 | 2.8 | 3.1 | 1.8 | 2.1 | 3.0 | 3.8 | 2.1 |
| 1999 | -4.8 | 0.8 | 1.7 | 0.8 | 1.8 | 1.9 | 3.6 | 3.1 | 3.2 |
| 2000 | -1.4 | -0.1 | 1.3 | -0.1 | 1.8 | 2.5 | 3.7 | 3.3 | 4.5 |
| 2001 | 3.2 | 3.3 | 3.0 | 3.3 | 3.2 | 3.3 | 3.8 | 3.8 | 4.1 |
| 2002 | 2.8 | 3.2 | 3.2 | 3.2 | 2.4 | 2.3 | 3.1 | 3.1 | 3.3 |
| 2003 | 2.9 | 3.8 | 3.7 | 3.8 | 2.9 | 2.6 | 3.3 | 3.3 | 3.3 |
| 2004 | 3.4 | 2.6 | 3.1 | 2.6 | 3.0 | 2.7 | 3.4 | 3.4 | 3.3 |
| 2005 | 3.7 | 2.7 | 2.7 | 2.7 | 3.2 | 3.1 | 3.7 | 3.7 | 3.7 |
| 2006 | 3.8 | 3.4 | 3.6 | 3.4 | 3.3 | 3.2 | 3.7 | 3.7 | 3.8 |
| 2007 | 3.9 | 3.7 | 3.9 | 3.7 | 3.4 | 3.3 | 3.8 | 3.8 | 3.9 |
| 2008 | 4.1 | 4.1 | 4.1 | 4.1 | 3.5 | 3.5 | 4.0 | 4.0 | 4.1 |
| 2009 | 4.1 | 4.1 | 4.1 | 4.1 | 3.5 | 3.5 | 4.0 | 4.0 | 4.1 |
| 2010 | 4.1 | 4.1 | 4.1 | 4.1 | 3.5 | 3.5 | 4.0 | 4.0 | 4.1 |

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CONTAINS PRIVATE AND/OR PROPRIETARY INFORMATION.
MAY NOT BE USED OR DISCLOSED OUTSIDE THE BELLSOUTH COMPANIES
EXCEPT PURSUANT TO A WRITTEN AGREEMENT.



CONTAINS BELLSOUTH PROPRIETARY INFORMATION

**BELLSOUTH'S CALCULATION OF COPPER AERIAL 24 GAUGE CABLE**
**CORRECTION FOR MATERIAL ONLY INFLATION RATE***

| Line No. | Description | Formula | Rate | BellSouth Total Cost with Blended Inflation 1200 Pair | Rate | BellSouth Total Cost with Material Inflation 1200 |
|---|---|---|---|---|---|---|
| 1 | Material Cost Per Foot | BSTLM Input | | $6.58 | | $6.58 |
| 2 | Tax Rate | Rate * Ln1 | 6.00% | $0.39 | 6.00% | $0.39 |
| 3 | Misc. Material Loading | Rate * Ln1 | 121.26% | $7.98 | 121.26% | $7.98 |
| 4 | Supply Expense Loading | Rate * Ln1 | 11.47% | $0.75 | 11.47% | $0.75 |
| 5 | Other Loading | Rate * Ln1 | 34.29% | $2.26 | 34.29% | $2.26 |
| 6 | Inflation | Rate * Sum (Ln 1 : Ln 5) | **8.22%** | $1.48 | **-3.75%** | -$0.67 |
| 7 | Material Loading | Sum (Ln 2 : Ln 6) | | $12.86 | | $10.71 |
| 8 | Placing Cost | Attachment BFP-8A Pg 3 Ln 19 | | $0.61 | | $0.61 |
| 9 | Splicing Cost | Attachment BFP-8A Pg 3 Ln 20 | | $3.26 | | $3.26 |
| 10 | Material, Material Loading and Labor | Ln 1 + Ln7 + Ln 8 + Ln9 | | $23.31 | | $21.16 |
| 11 | Engineering Loading | Rate * Ln10 | 27.07% | $6.31 | 27.07% | $5.73 |
| 12 | Total Loading | Ln7 + Ln8 + Ln9 + Ln11 | | $23.04 | | $20.31 |
| 13 | Total Cable Cost per Foot | Ln1 + Ln12 | | **$29.62** | | **$26.89** |

**Reduction in Total Material Loading** **-16.7%**

**Reduction in Total Cable Cost Per Foot** **-9.2%**

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CONTAINS BELLSOUTH PROPRIETARY INFORMATION

**AT&T AND WORLDCOM'S CALCULATION OF COPPER AERIAL 24 GAUGE CABLE**
**CORRECTION FOR MATERIAL ONLY INFLATION RATE***

| Line No. | Description | Formula | Rate | AT&T / WCom Total Cost with Blended Inflation 1200 Pair | Rate | AT&T / WCom Total Cost with Material Inflation 1200 |
|---|---|---|---|---|---|---|
| 1 | Material Cost Per Foot | BSTLM Input | | $6.58 | | $6.58 |
| 2 | Tax Rate | Rate * Ln1 | 6.00% | $0.39 | 6.00% | $0.39 |
| 3 | Misc. Material Loading** | Rate * Ln1 | | $0.13 | | $0.13 |
| 4 | Supply Expense Loading | Rate * Ln1 | 11.47% | $0.75 | 11.47% | $0.75 |
| 5 | Other Loading | Rate * Ln1 | 4.71% | $0.31 | 4.71% | $0.31 |
| 6 | Inflation | Rate * Sum (Ln 1 : Ln 5) | **8.22%** | $0.67 | **-3.75%** | -$0.31 |
| 7 | Material Loading | Sum (Ln 2 : Ln 6) | | $2.26 | | $1.29 |
| 8 | Placing Cost | Attachment BFP-8A Pg 3 Ln 19 | | $0.09 | | $0.09 |
| 9 | Splicing Cost | Attachment BFP-8A Pg 3 Ln 20 | | $0.58 | | $0.58 |
| 10 | Material, Material Loading and Labor | Ln 1 + Ln7 + Ln 8 + Ln9 | | $9.51 | | $8.53 |
| 11 | Engineering Loading | Rate * Ln10 | 10.00% | $0.95 | 10.00% | $0.85 |
| 12 | Total Loading | Ln7 + Ln8 + Ln9 + Ln11 | | $3.88 | | $2.80 |
| 13 | Total Cable Cost per Foot | Ln1 + Ln12 | | **$10.46** | | **$9.38** |

**Reduction in Total Material Loading** **-43.2%**

**Reduction in Total Cable Cost Per Foot** **-10.3%**

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## COMPARISON OF AT&T AND WORLDCOM'S ORIGINAL INPUTS AND UPDATED INPUTS

| Table | Element | Variable | AT&T / WCom Original | AT&T / WCom Updated |
|---|---|---|---|---|
| Material Loading | Engineering Rate | AerialCU | 0.1 | 0.0730 |
| Material Loading | Engineering Rate | AerialCU24G | 0.1 | 0.0730 |
| Material Loading | Engineering Rate | AerialFO | 0.1 | 0.0661 |
| Material Loading | Engineering Rate | BuildingCU | 0.1 | 0.0852 |
| Material Loading | Engineering Rate | BuildingCU24G | 0.1 | 0.0852 |
| Material Loading | Engineering Rate | BuildingFO | 0.1 | 0.0869 |
| Material Loading | Engineering Rate | BuriedCU | 0.1 | 0.1024 |
| Material Loading | Engineering Rate | BuriedCU24G | 0.1 | 0.1024 |
| Material Loading | Engineering Rate | BuriedFO | 0.1 | 0.1110 |
| Material Loading | Engineering Rate | Conduit | 0.1 | 0.0000 |
| Material Loading | Engineering Rate | IntrabuildingCU | 0.1 | 0.0786 |
| Material Loading | Engineering Rate | IntrabuildingCU24G | 0.1 | 0.0786 |
| Material Loading | Engineering Rate | IntrabuildingFO | 0.1 | 0.0918 |
| Material Loading | Engineering Rate | Pole | 0.1 | 0.0941 |
| Material Loading | Engineering Rate | UndergroundCU | 0.1 | 0.0741 |
| Material Loading | Engineering Rate | UndergroundCU24G | 0.1 | 0.0741 |
| Material Loading | Engineering Rate | UndergroundFO | 0.1 | 0.0462 |
| Material Loading | Supply Expense Rate | Conduit | 0.024809 | 0 |
| Material Loading | Tax Rate | Conduit | 0.06 | 0 |
| Material Loading | Other Rate | Conduit | 0.095644 | 0 |
| Material Loading | AerialCU | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | AerialCU24G | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | AerialFO | Material Inflation | 1.020134 | 0.978850 |
| Material Loading | BuildingCU | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | BuildingCU24G | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | BuildingFO | Material Inflation | 1.020134 | 0.978850 |
| Material Loading | BuriedCU | Material Inflation | 1.071512 | 1.009818 |
| Material Loading | BuriedCU24G | Material Inflation | 1.071512 | 1.009818 |
| Material Loading | BuriedFO | Material Inflation | 1.040536 | 0.978850 |
| Material Loading | Conduit | Material Inflation | 1.069988 | 1.000000 |
| Material Loading | IntrabuildingCU | Material Inflation | 1.09256 | 0.951506 |
| Material Loading | IntrabuildingCU24G | Material Inflation | 1.09256 | 0.951506 |
| Material Loading | IntrabuildingFO | Material Inflation | 1.040536 | 0.978850 |
| Material Loading | Pole | Material Inflation | 1.076832 | 0.961645 |
| Material Loading | UndergroundCU | Material Inflation | 1.09256 | 0.973450 |
| Material Loading | UndergroundCU24G | Material Inflation | 1.09256 | 0.973450 |
| Material Loading | UndergroundFO | Material Inflation | 1 | 0.978850 |

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## COMPARISON OF AT&T AND WORLDCOM'S ORIGINAL INPUTS AND UPDATED INPUTS

| Table | Element | Variable | AT&T / WCom Original | AT&T / WCom Updated |
|---|---|---|---|---|
| FDI Placing Hours | Aerial | SAI Size 50 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 100 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 200 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 300 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 400 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 600 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 900 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 1000 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 1200 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 1400 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 1500 | 9.31 | 7.31 |
| FDI Placing Hours | Aerial | SAI Size 1800 | 14.4 | 11.31 |
| FDI Placing Hours | Aerial | SAI Size 2100 | 14.4 | 11.31 |
| FDI Placing Hours | Aerial | SAI Size 2400 | 14.4 | 11.31 |
| FDI Placing Hours | Aerial | SAI Size 2700 | 14.4 | 11.31 |
| FDI Placing Hours | Aerial | SAI Size 3000 | 14.4 | 11.31 |
| FDI Placing Hours | Aerial | SAI Size 3300 | 14.4 | 11.31 |
| FDI Placing Hours | Aerial | SAI Size 3600 | 14.4 | 11.31 |
| FDI Placing Hours | Aerial | SAI Size 4200 | 19.69 | 15.46 |
| FDI Placing Hours | Aerial | SAI Size 4800 | 19.69 | 15.46 |
| FDI Placing Hours | Aerial | SAI Size 5400 | 19.69 | 15.46 |
| FDI Placing Hours | Aerial | SAI Size 7200 | 19.69 | 15.46 |
| FDI Placing Hours | Buried | SAI Size 50 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 100 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 200 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 300 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 400 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 600 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 900 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 1000 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 1200 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 1400 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 1500 | 9.31 | 7.31 |
| FDI Placing Hours | Buried | SAI Size 1800 | 14.4 | 11.31 |
| FDI Placing Hours | Buried | SAI Size 2100 | 14.4 | 11.31 |
| FDI Placing Hours | Buried | SAI Size 2400 | 14.4 | 11.31 |
| FDI Placing Hours | Buried | SAI Size 2700 | 14.4 | 11.31 |
| FDI Placing Hours | Buried | SAI Size 3000 | 14.4 | 11.31 |
| FDI Placing Hours | Buried | SAI Size 3300 | 14.4 | 11.31 |
| FDI Placing Hours | Buried | SAI Size 3600 | 14.4 | 11.31 |
| FDI Placing Hours | Buried | SAI Size 4200 | 19.69 | 15.46 |
| FDI Placing Hours | Buried | SAI Size 4800 | 19.69 | 15.46 |
| FDI Placing Hours | Buried | SAI Size 5400 | 19.69 | 15.46 |
| FDI Placing Hours | Buried | SAI Size 7200 | 19.69 | 15.46 |
| Labor Rate | Placing | Rate/Hour | 58.86 | 50.51 |
| Labor Rate | Splicing | Rate/Hour | 58.86 | 50.51 |
| Cost Calculator | Inflation | FRC 22 | 1.009727 | 0.962545 |
| Cost Calculator | Inflation | FRC 45 | 0.978072 | 1.009818 |
| Cost Calculator | Inflation | FRC 377 | 0.927619 | 1.01675 |
| Cost Calculator | Inflation | FRC 257 | 1.010582 | 0.937397 |

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## COMPARISON OF BELLSOUTH INPUTS TO AT&T AND WORLDCOM INPUTS

| Input Table | Element | Variable | BellSouth Input | AT&T-WCom Input |
|---|---|---|---|---|
| Media Splicing and Placing Hours | AerialCU | Closure and Setup (hours) | 0 | 2.25 |
| Media Splicing and Placing Hours | AerialCU | Placing (hours/100 ft) | 1.25 | 0.18 |
| Media Splicing and Placing Hours | AerialCU | Splice (hours/100 pairs or hours/strand) | 3.32 | 0.4 |
| Media Splicing and Placing Hours | BuriedCU | Closure and Setup (hours) | 0 | 2.25 |
| Media Splicing and Placing Hours | BuriedCU | Placing (hours/100 ft) | 0 | 0.11 |
| Media Splicing and Placing Hours | BuriedCU | Splice (hours/100 pairs or hours/strand) | 3.07 | 0.4 |
| Media Splicing and Placing Hours | UndergroundCU | Closure and Setup (hours) | 0 | 2.25 |
| Media Splicing and Placing Hours | UndergroundCU | Placing (hours/100 ft) | 2.5 | 0.58 |
| Media Splicing and Placing Hours | UndergroundCU | Splice (hours/100 pairs or hours/strand) | 5.32 | 0.4 |
| Media Splicing and Placing Hours | AerialFO | Closure and Setup (hours) | 0 | 2.25 |
| Media Splicing and Placing Hours | AerialFO | Placing (hours/100 ft) | 1.17 | 0.18 |
| Media Splicing and Placing Hours | AerialFO | Splice (hours/100 pairs or hours/strand) | 0.08 | 0.1 |
| Media Splicing and Placing Hours | BuriedFO | Closure and Setup (hours) | 0 | 2.25 |
| Media Splicing and Placing Hours | BuriedFO | Placing (hours/100 ft) | 0 | 0.11 |
| 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 |
| Media Splicing and Placing Hours | UndergroundFO | Placing (hours/100 ft) | 1.5 | 0.58 |
| Media Splicing and Placing Hours | UndergroundFO | Splice (hours/100 pairs or hours/strand) | 0.1 | 0.1 |
| Material Loading | AerialCU | Engineering Rate | 0.125173 | 0.0730 |
| Material Loading | AerialCU24G | Engineering Rate | 0.125173 | 0.0730 |
| Material Loading | AerialFO | Engineering Rate | 0.079891 | 0.0661 |
| Material Loading | BuildingCU | Engineering Rate | 0.527361 | 0.0852 |
| Material Loading | BuildingCU24G | Engineering Rate | 0.527361 | 0.0852 |
| Material Loading | BuildingFO | Engineering Rate | 0.251673 | 0.0869 |
| Material Loading | BuriedCU | Engineering Rate | 0.207567 | 0.1024 |
| Material Loading | BuriedCU24G | Engineering Rate | 0.207567 | 0.1024 |
| Material Loading | BuriedFO | Engineering Rate | 0.229043 | 0.1110 |
| Material Loading | IntrabuildingCU | Engineering Rate | 0.37602 | 0.0786 |
| Material Loading | IntrabuildingCU24G | Engineering Rate | 0.37602 | 0.0786 |
| Material Loading | IntrabuildingFO | Engineering Rate | 0.094364 | 0.0918 |
| Material Loading | Pole | Engineering Rate | 0.419046 | 0.0941 |
| Material Loading | UndergroundCU | Engineering Rate | 0.088109 | 0.0741 |
| Material Loading | UndergroundCU24G | Engineering Rate | 0.088109 | 0.0741 |
| Material Loading | UndergroundFO | Engineering Rate | 0.081247 | 0.0462 |
| Material Loading | AerialCU | Other Rate | 0.342901 | 0.047103 |
| Material Loading | AerialCU24G | Other Rate | 0.342901 | 0.047103 |
| Material Loading | AerialFO | Other Rate | 0.144844 | 0.069703 |
| Material Loading | BuildingCU | Other Rate | 0.273744 | 0.004078 |
| Material Loading | BuildingCU24G | Other Rate | 0.273744 | 0.004078 |
| Material Loading | BuildingFO | Other Rate | 0.348742 | 0.010254 |
| Material Loading | BuriedCU | Other Rate | 0.226429 | 0.098799 |
| Material Loading | BuriedCU24G | Other Rate | 0.226429 | 0.098799 |
| Material Loading | BuriedFO | Other Rate | 0.093719 | 0.049723 |
| Material Loading | IntrabuildingCU | Other Rate | 0.406793 | 0.016407 |
| Material Loading | IntrabuildingCU24G | Other Rate | 0.406793 | 0.016407 |
| Material Loading | IntrabuildingFO | Other Rate | 0.562154 | - |
| Material Loading | Pole | Other Rate | 0.161566 | 0.106971 |
| Material Loading | UndergroundCU | Other Rate | 0.271775 | 0.033078 |
| Material Loading | UndergroundCU24G | Other Rate | 0.271775 | 0.033078 |
| Material Loading | UndergroundFO | Other Rate | 0.078187 | 0.034546 |
| Material Loading | AerialCU | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | AerialCU24G | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | AerialFO | Material Inflation | 1.020134 | 0.978850 |
| Material Loading | BuildingCU | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | BuildingCU24G | Material Inflation | 1.082155 | 0.962545 |
| Material Loading | BuildingFO | Material Inflation | 1.020134 | 0.978850 |
| Material Loading | BuriedCU | Material Inflation | 1.071512 | 1.009818 |
| Material Loading | BuriedCU24G | Material Inflation | 1.071512 | 1.009818 |
| Material Loading | BuriedFO | Material Inflation | 1.040536 | 0.978850 |
| Material Loading | IntrabuildingCU | Material Inflation | 1.09256 | 0.951506 |
| Material Loading | IntrabuildingCU24G | Material Inflation | 1.09256 | 0.951506 |
| Material Loading | IntrabuildingFO | Material Inflation | 1.040536 | 0.978850 |
| Material Loading | Pole | Material Inflation | 1.076832 | 0.961645 |
| Material Loading | UndergroundCU | Material Inflation | 1.09256 | 0.973450 |
| Material Loading | UndergroundCU24G | Material Inflation | 1.09256 | 0.973450 |
| Material Loading | UndergroundFO | Material Inflation | 1 | 0.978850 |
| Material Loading | AerialCU | Misc. Material Rate | 1.21256 | 0 |
| Material Loading | AerialCU24G | Misc. Material Rate | 1.21256 | 0 |
| Material Loading | AerialFO | Misc. Material Rate | 0.305805 | 0 |
| Material Loading | BuildingCU | Misc. Material Rate | 1.114668 | 0 |
| Material Loading | BuildingCU24G | Misc. Material Rate | 1.114668 | 0 |

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## COMPARISON OF BELLSOUTH INPUTS TO AT&T AND WORLDCOM INPUTS

| Input Table | Element | Variable | BellSouth Input | AT&T-WCom Input |
|---|---|---|---|---|
| Material Loading | BuildingFO | Misc. Material Rate | 1.442284 | 0 |
| Material Loading | BuriedCU | Misc. Material Rate | 0.526531 | 0 |
| Material Loading | BuriedCU24G | Misc. Material Rate | 0.526531 | 0 |
| Material Loading | BuriedFO | Misc. Material Rate | 0.182974 | 0 |
| Material Loading | IntrabuildingCU | Misc. Material Rate | 1.633235 | 0 |
| Material Loading | IntrabuildingCU24G | Misc. Material Rate | 1.633235 | 0 |
| Material Loading | IntrabuildingFO | Misc. Material Rate | 2.344201 | 0 |
| Material Loading | Pole | Misc. Material Rate | 0.224429 | 0 |
| Material Loading | UndergroundCU | Misc. Material Rate | 0.988971 | 0 |
| Material Loading | UndergroundCU24G | Misc. Material Rate | 0.988971 | 0 |
| Material Loading | UndergroundFO | Misc. Material Rate | 0.179838 | 0 |
| Aerial Structure | Poles 25 | Material Cost | 300.16 | 239.31 |
| Aerial Structure | Poles 30 | Material Cost | 300.16 | 239.31 |
| Aerial Structure | Poles 35 | Material Cost | 300.16 | 239.31 |
| Aerial Structure | Poles 40 | Material Cost | 300.16 | 239.31 |
| Aerial Structure | Poles 45 | Material Cost | 300.16 | 239.31 |
| Aerial Structure | Poles 50 | Material Cost | 300.16 | 239.31 |
| Aerial Structure | Poles 55 | Material Cost | 300.16 | 239.31 |
| Aerial Structure | Poles 60 | Material Cost | 300.16 | 239.31 |
| Aerial Contract Labor | Poles 25 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Poles 30 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Poles 35 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Poles 40 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Poles 45 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Poles 50 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Poles 55 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Poles 60 | Contract Labor Cost | 233.19 | 177.23 |
| Aerial Contract Labor | Anchor | Contract Labor Cost | 99.71 | 95.39 |
| Aerial Structural Placing Hours | Guy (all types) | Telco Placing Hours | 0.75 | 0 |
| Labor Rate | Placing | Rate/Hour | 49.05 | 50.51 |
| Labor Rate | Splicing | Rate/Hour | 49.05 | 50.51 |
| Aerial Structure Spacing | Poles 25 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Poles 30 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Poles 35 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Poles 40 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Poles 45 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Poles 50 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Poles 55 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Poles 60 | Spacing | 120 | 184 |
| Aerial Structure Spacing | Anchor | Spacing | 500 | 600 |
| Aerial Structure Spacing | Guy (all types) | Spacing | 500 | 600 |
| Underground Contract Labor | Duct CU | Softrock Contract Labor Cost | 2.77 | 0.82 |
| Underground Contract Labor | Duct CU | Normal Contract Labor Cost | 2.77 | 0.82 |
| Underground Contract Labor | Duct CU | Hardrock Contract Labor Cost | 2.77 | 0.82 |
| Underground Contract Labor | Duct CU | Water Contract Labor Cost | 2.77 | 0.82 |
| Underground Contract Labor | Duct FO | Softrock Contract Labor Cost | 2.77 | 0.82 |
| Underground Contract Labor | Duct FO | Normal Contract Labor Cost | 2.77 | 0.82 |
| Underground Contract Labor | Duct FO | Hardrock Contract Labor Cost | 2.77 | 0.82 |
| Underground Contract Labor | Duct FO | Water Contract Labor Cost | 2.77 | 0.82 |
| Underground Excavation Contract Labor | Backhoe Trench | Softrock Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Bore Cable | Softrock Contract Labor Cost | 316.08 | 179.6 |
| Underground Excavation Contract Labor | Cut & Restore Asphalt | Softrock Contract Labor Cost | 20.78 | 15.26 |
| Underground Excavation Contract Labor | Cut & Restore Concrete | Softrock Contract Labor Cost | 20.78 | 14 |
| Underground Excavation Contract Labor | Cut & Restore Sod | Softrock Contract Labor Cost | 20.78 | 12.23 |
| Underground Excavation Contract Labor | Hand Dig Trench | Softrock Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Rocky Trench | Softrock Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Trench & Backfill | Softrock Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Backhoe Trench | Normal Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Bore Cable | Normal Contract Labor Cost | 316.08 | 179.6 |
| Underground Excavation Contract Labor | Cut & Restore Asphalt | Normal Contract Labor Cost | 20.78 | 15.26 |
| Underground Excavation Contract Labor | Cut & Restore Concrete | Normal Contract Labor Cost | 20.78 | 14 |
| Underground Excavation Contract Labor | Cut & Restore Sod | Normal Contract Labor Cost | 20.78 | 12.23 |
| Underground Excavation Contract Labor | Hand Dig Trench | Normal Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Rocky Trench | Normal Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Trench & Backfill | Normal Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Backhoe Trench | Hardrock Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Bore Cable | Hardrock Contract Labor Cost | 316.08 | 179.6 |
| Underground Excavation Contract Labor | Cut & Restore Asphalt | Hardrock Contract Labor Cost | 20.78 | 15.26 |
| Underground Excavation Contract Labor | Cut & Restore Concrete | Hardrock Contract Labor Cost | 20.78 | 14 |
| Underground Excavation Contract Labor | Cut & Restore Sod | Hardrock Contract Labor Cost | 20.78 | 12.23 |
| Underground Excavation Contract Labor | Hand Dig Trench | Hardrock Contract Labor Cost | 20.78 | 11.44 |

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**COMPARISON OF BELLSOUTH INPUTS TO AT&T AND WORLDCOM INPUTS**

| Input Table | Element | Variable | BellSouth Input | AT&T-WCom Input |
|---|---|---|---|---|
| Underground Excavation Contract Labor | Rocky Trench | Hardrock Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Trench & Backfill | Hardrock Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Backhoe Trench | Water Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Bore Cable | Water Contract Labor Cost | 316.08 | 179.6 |
| Underground Excavation Contract Labor | Cut & Restore Asphalt | Water Contract Labor Cost | 20.78 | 15.26 |
| Underground Excavation Contract Labor | Cut & Restore Concrete | Water Contract Labor Cost | 20.78 | 14 |
| Underground Excavation Contract Labor | Cut & Restore Sod | Water Contract Labor Cost | 20.78 | 12.23 |
| Underground Excavation Contract Labor | Hand Dig Trench | Water Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Rocky Trench | Water Contract Labor Cost | 20.78 | 11.44 |
| Underground Excavation Contract Labor | Trench & Backfill | Water Contract Labor Cost | 20.78 | 11.44 |
| Underground Rural Excavation Activity | Bore Cable | Normal Terrain: % of Activity | 0.0267 | 0.0023 |
| Underground Rural Excavation Activity | Trench & Backfill | Normal Terrain: % of Activity | 0.64 | 0.6644 |
| Underground Rural Excavation Activity | Backhoe Trench | SoftRock Terrain: % of Activity | 0.45 | 0.22 |
| Underground Rural Excavation Activity | Bore Cable | SoftRock Terrain: % of Activity | 0.0367 | 0.0023 |
| Underground Rural Excavation Activity | Hand Dig Trench | SoftRock Terrain: % of Activity | 0.0433 | 0.03 |
| Underground Rural Excavation Activity | Rocky Trench | SoftRock Terrain: % of Activity | 0.3367 | 0 |
| Underground Rural Excavation Activity | Trench & Backfill | SoftRock Terrain: % of Activity | 0.05 | 0.6644 |
| Underground Rural Excavation Activity | Backhoe Trench | HardRock: % of Activity | 0.3033 | 0.22 |
| Underground Rural Excavation Activity | Bore Cable | HardRock: % of Activity | 0.0267 | 0.0023 |
| Underground Rural Excavation Activity | Hand Dig Trench | HardRock: % of Activity | 0.0433 | 0.03 |
| Underground Rural Excavation Activity | Rocky Trench | HardRock: % of Activity | 0.5433 | 0 |
| Underground Rural Excavation Activity | Trench & Backfill | HardRock: % of Activity | 0 | 0.6644 |
| Underground Rural Excavation Activity | Backhoe Trench | Water: % of Activity | 0.3033 | 0.22 |
| Underground Rural Excavation Activity | Bore Cable | Water: % of Activity | 0.0267 | 0.0023 |
| Underground Rural Excavation Activity | Hand Dig Trench | Water: % of Activity | 0.0433 | 0.03 |
| Underground Rural Excavation Activity | Rocky Trench | Water: % of Activity | 0.5433 | 0 |
| Underground Rural Excavation Activity | Trench & Backfill | Water: % of Activity | 0 | 0.6644 |
| Underground Suburban Excavation Activity | Bore Cable | Normal Terrain: % of Activity | 0.0575 | 0.0049 |
| Underground Suburban Excavation Activity | Trench & Backfill | Normal Terrain: % of Activity | 0.235 | 0.2876 |
| Underground Suburban Excavation Activity | Backhoe Trench | SoftRock Terrain: % of Activity | 0.195 | 0.2825 |
| Underground Suburban Excavation Activity | Bore Cable | SoftRock Terrain: % of Activity | 0.0575 | 0.0049 |
| Underground Suburban Excavation Activity | Rocky Trench | SoftRock Terrain: % of Activity | 0.235 | 0 |
| Underground Suburban Excavation Activity | Trench & Backfill | SoftRock Terrain: % of Activity | 0.0875 | 0.2876 |
| Underground Suburban Excavation Activity | Backhoe Trench | HardRock: % of Activity | 0.13 | 0.2825 |
| Underground Suburban Excavation Activity | Bore Cable | HardRock: % of Activity | 0.0575 | 0.0049 |
| Underground Suburban Excavation Activity | Rocky Trench | HardRock: % of Activity | 0.3875 | 0 |
| Underground Suburban Excavation Activity | Trench & Backfill | HardRock: % of Activity | 0 | 0.2876 |
| Underground Suburban Excavation Activity | Backhoe Trench | Water: % of Activity | 0.13 | 0.2825 |
| Underground Suburban Excavation Activity | Bore Cable | Water: % of Activity | 0.0575 | 0.0049 |
| Underground Suburban Excavation Activity | Rocky Trench | Water: % of Activity | 0.3875 | 0 |
| Underground Suburban Excavation Activity | Trench & Backfill | Water: % of Activity | 0 | 0.2876 |
| Underground Urban Excavation Activity | Bore Cable | Normal Terrain: % of Activity | 0.125 | 0.0108 |
| Underground Urban Excavation Activity | Trench & Backfill | Normal Terrain: % of Activity | 0.04 | 0.1542 |
| Underground Urban Excavation Activity | Backhoe Trench | SoftRock Terrain: % of Activity | 0.15 | 0.175 |
| Underground Urban Excavation Activity | Bore Cable | SoftRock Terrain: % of Activity | 0.125 | 0.0108 |
| Underground Urban Excavation Activity | Rocky Trench | SoftRock Terrain: % of Activity | 0.055 | 0 |
| Underground Urban Excavation Activity | Trench & Backfill | SoftRock Terrain: % of Activity | 0.01 | 0.1542 |
| Underground Urban Excavation Activity | Backhoe Trench | HardRock: % of Activity | 0.09 | 0.175 |
| Underground Urban Excavation Activity | Bore Cable | HardRock: % of Activity | 0.125 | 0.0108 |
| Underground Urban Excavation Activity | Rocky Trench | HardRock: % of Activity | 0.125 | 0 |
| Underground Urban Excavation Activity | Trench & Backfill | HardRock: % of Activity | 0 | 0.1542 |
| Underground Urban Excavation Activity | Backhoe Trench | Water: % of Activity | 0.09 | 0.175 |
| Underground Urban Excavation Activity | Bore Cable | Water: % of Activity | 0.125 | 0.0108 |
| Underground Urban Excavation Activity | Rocky Trench | Water: % of Activity | 0.125 | 0 |
| Underground Urban Excavation Activity | Trench & Backfill | Water: % of Activity | 0 | 0.1542 |
| Underground Sharing | Backhoe Trench | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Bore Cable | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Cut & Restore Asphalt | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Cut & Restore Concrete | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Cut & Restore Sod | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Hand Dig Trench | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Rocky Trench | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Trench & Backfill | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Backhoe Trench | Rural Shared Percent Assigned to Telephone | 0.99 | 0.50 |
| Underground Sharing | Bore Cable | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Cut & Restore Asphalt | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Cut & Restore Concrete | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Cut & Restore Sod | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Hand Dig Trench | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Rocky Trench | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Trench & Backfill | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |

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**COMPARISON OF BELLSOUTH INPUTS TO AT&T AND WORLDCOM INPUTS**

| Input Table | Element | Variable | BellSouth Input | AT&T-WCom Input |
|---|---|---|---|---|
| Underground Sharing | Backhoe Trench | Suburb Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Bore Cable | Urban Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Cut & Restore Asphalt | Urban Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Cut & Restore Concrete | Urban Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Cut & Restore Sod | Urban Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Hand Dig Trench | Urban Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Rocky Trench | Urban Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Underground Sharing | Trench & Backfill | Urban Shared Percent Assigned to Telephone | 0.99 | 0.3300 |
| Buried Excavation Contract Labor | Backhoe Trench | Softrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Bore Cable | Softrock Contract Labor Cost | 23.14 | 14.05 |
| Buried Excavation Contract Labor | Cut & Restore Asphalt | Softrock Contract Labor Cost | 5.18 | 6.02 |
| Buried Excavation Contract Labor | Cut & Restore Concrete | Softrock Contract Labor Cost | 5.18 | 4.76 |
| Buried Excavation Contract Labor | Cut & Restore Sod | Softrock Contract Labor Cost | 5.18 | 2.99 |
| Buried Excavation Contract Labor | Free Trench (i.e. Developer) | Softrock Contract Labor Cost | 1.14 | 0.91 |
| Buried Excavation Contract Labor | Hand Dig Trench | Softrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Plow | Softrock Contract Labor Cost | 5.18 | 0.80 |
| Buried Excavation Contract Labor | Push Pipe & Pull Cable | Softrock Contract Labor Cost | 6.01 | 17.06 |
| Buried Excavation Contract Labor | Rocky Plow | Softrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Rocky Trench | Softrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Trench & Backfill | Softrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Backhoe Trench | Normal Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Bore Cable | Normal Contract Labor Cost | 23.14 | 14.05 |
| Buried Excavation Contract Labor | Cut & Restore Asphalt | Normal Contract Labor Cost | 5.18 | 6.02 |
| Buried Excavation Contract Labor | Cut & Restore Concrete | Normal Contract Labor Cost | 5.18 | 4.76 |
| Buried Excavation Contract Labor | Cut & Restore Sod | Normal Contract Labor Cost | 5.18 | 2.99 |
| Buried Excavation Contract Labor | Free Trench (i.e. Developer) | Normal Contract Labor Cost | 1.14 | 0.91 |
| Buried Excavation Contract Labor | Hand Dig Trench | Normal Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Plow | Normal Contract Labor Cost | 5.18 | 0.80 |
| Buried Excavation Contract Labor | Push Pipe & Pull Cable | Normal Contract Labor Cost | 6.01 | 17.06 |
| Buried Excavation Contract Labor | Rocky Plow | Normal Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Rocky Trench | Normal Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Trench & Backfill | Normal Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Backhoe Trench | Hardrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Bore Cable | Hardrock Contract Labor Cost | 23.14 | 14.05 |
| Buried Excavation Contract Labor | Cut & Restore Asphalt | Hardrock Contract Labor Cost | 5.18 | 6.02 |
| Buried Excavation Contract Labor | Cut & Restore Concrete | Hardrock Contract Labor Cost | 5.18 | 4.76 |
| Buried Excavation Contract Labor | Cut & Restore Sod | Hardrock Contract Labor Cost | 5.18 | 2.99 |
| Buried Excavation Contract Labor | Free Trench (i.e. Developer) | Hardrock Contract Labor Cost | 1.14 | 0.91 |
| Buried Excavation Contract Labor | Hand Dig Trench | Hardrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Plow | Hardrock Contract Labor Cost | 5.18 | 0.80 |
| Buried Excavation Contract Labor | Push Pipe & Pull Cable | Hardrock Contract Labor Cost | 6.01 | 17.06 |
| Buried Excavation Contract Labor | Rocky Plow | Hardrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Rocky Trench | Hardrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Trench & Backfill | Hardrock Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Backhoe Trench | Water Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Bore Cable | Water Contract Labor Cost | 23.14 | 14.05 |
| Buried Excavation Contract Labor | Cut & Restore Asphalt | Water Contract Labor Cost | 5.18 | 6.02 |
| Buried Excavation Contract Labor | Cut & Restore Concrete | Water Contract Labor Cost | 5.18 | 4.76 |
| Buried Excavation Contract Labor | Cut & Restore Sod | Water Contract Labor Cost | 5.18 | 2.99 |
| Buried Excavation Contract Labor | Free Trench (i.e. Developer) | Water Contract Labor Cost | 1.14 | 0.91 |
| Buried Excavation Contract Labor | Hand Dig Trench | Water Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Plow | Water Contract Labor Cost | 5.18 | 0.80 |
| Buried Excavation Contract Labor | Push Pipe & Pull Cable | Water Contract Labor Cost | 6.01 | 17.06 |
| Buried Excavation Contract Labor | Rocky Plow | Water Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Rocky Trench | Water Contract Labor Cost | 5.18 | 2.20 |
| Buried Excavation Contract Labor | Trench & Backfill | Water Contract Labor Cost | 5.18 | 2.20 |
| Buried Rural Excavation Activity | Bore Cable | Normal: % of Activity | 0.01 | 0.001 |
| Buried Rural Excavation Activity | Trench & Backfill | Normal: % of Activity | 0.067 | 0.08 |
| Buried Rural Excavation Activity | Backhoe Trench | SoftRock: % of Activity | 0.08 | 0.0367 |
| Buried Rural Excavation Activity | Bore Cable | SoftRock: % of Activity | 0.01 | 0.001 |
| Buried Rural Excavation Activity | Hand Dig Trench | SoftRock: % of Activity | 0.0367 | 0.02 |
| Buried Rural Excavation Activity | Plow | SoftRock: % of Activity | 0.33 | 0.78 |
| Buried Rural Excavation Activity | Push Pipe & Pull 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 | Trench & 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 | 0.0033 |

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**COMPARISON OF BELLSOUTH INPUTS TO AT&T AND WORLDCOM INPUTS**

| Input Table | Element | Variable | BellSouth Input | AT&T-WCom Input |
|---|---|---|---|---|
| Buried Rural Excavation Activity | Rocky Plow | HardRock: % of Activity | 0.4933 | 0 |
| Buried Rural Excavation Activity | Rocky Trench | HardRock: % of Activity | 0.2933 | 0 |
| Buried Rural Excavation Activity | Trench & Backfill | HardRock: % of Activity | 0.06 | 0.08 |
| Buried Rural Excavation Activity | Backhoe Trench | Water: % of Activity | 0.0267 | 0.0367 |
| Buried Rural Excavation Activity | Bore Cable | Water: % of Activity | 0.01 | 0.001 |
| Buried Rural Excavation Activity | Hand Dig Trench | Water: % of Activity | 0.0233 | 0.02 |
| Buried Rural Excavation Activity | Plow | Water: % of Activity | 0 | 0.78 |
| Buried Rural Excavation Activity | Push Pipe & Pull Cable | Water: % of Activity | 0.01 | 0.0033 |
| 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 | 0.1925 | 0.2451 |
| Buried Suburban Excavation Activity | Backhoe Trench | SoftRock: % of Activity | 0.1125 | 0.13 |
| Buried Suburban Excavation Activity | Bore Cable | SoftRock: % of Activity | 0.0575 | 0.0049 |
| Buried Suburban Excavation Activity | Plow | SoftRock: % of Activity | 0.0275 | 0.1575 |
| Buried Suburban Excavation Activity | Rocky Plow | SoftRock: % of Activity | 0.0475 | 0 |
| Buried Suburban Excavation Activity | Rocky Trench | SoftRock: % of Activity | 0.2 | 0 |
| Buried Suburban Excavation Activity | Trench & Backfill | SoftRock: % of Activity | 0.0925 | 0.2451 |
| Buried Suburban Excavation Activity | Backhoe Trench | HardRock: % of Activity | 0.12 | 0.13 |
| Buried Suburban Excavation Activity | Bore Cable | HardRock: % of Activity | 0.0575 | 0.0049 |
| Buried Suburban Excavation Activity | Plow | HardRock: % of Activity | 0 | 0.1575 |
| Buried Suburban Excavation Activity | Rocky Plow | HardRock: % of Activity | 0.0475 | 0 |
| Buried Suburban Excavation Activity | Rocky Trench | HardRock: % of Activity | 0.3125 | 0 |
| Buried Suburban Excavation Activity | Trench & Backfill | HardRock: % of Activity | 0 | 0.2451 |
| 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 |
| Buried Suburban Excavation Activity | Plow | Water: % of Activity | 0 | 0.1575 |
| Buried Suburban Excavation Activity | Rocky Plow | Water: % of Activity | 0.0475 | 0 |
| Buried Suburban Excavation Activity | Rocky Trench | Water: % of Activity | 0.3125 | 0 |
| Buried Suburban Excavation Activity | Trench & Backfill | Water: % of Activity | 0 | 0.2451 |
| Buried Urban Excavation Activity | Bore Cable | Normal: % of Activity | 0.125 | 0.0108 |
| Buried Urban Excavation Activity | Trench & Backfill | Normal: % of Activity | 0.04 | 0.1542 |
| Buried Urban Excavation Activity | Backhoe Trench | SoftRock: % of Activity | 0.15 | 0.175 |
| Buried Urban Excavation Activity | Bore Cable | SoftRock: % of Activity | 0.125 | 0.0108 |
| Buried Urban Excavation Activity | Rocky Trench | SoftRock: % of Activity | 0.055 | 0 |
| Buried Urban Excavation Activity | Trench & Backfill | SoftRock: % of Activity | 0.01 | 0.1542 |
| Buried Urban Excavation Activity | Backhoe Trench | HardRock: % of Activity | 0.09 | 0.175 |
| Buried Urban Excavation Activity | Bore Cable | HardRock: % of Activity | 0.125 | 0.0108 |
| Buried Urban Excavation Activity | Rocky Trench | HardRock: % of Activity | 0.125 | 0 |
| Buried Urban Excavation Activity | Trench & Backfill | HardRock: % of Activity | 0 | 0.1542 |
| Buried Urban Excavation Activity | Backhoe Trench | Water: % of Activity | 0.09 | 0.175 |
| Buried Urban Excavation Activity | Bore Cable | Water: % of Activity | 0.125 | 0.0108 |
| Buried Urban Excavation Activity | Rocky Trench | Water: % of Activity | 0.125 | 0 |
| Buried Urban Excavation Activity | Trench & Backfill | Water: % of Activity | 0 | 0.1542 |
| Buried Sharing | Backhoe Trench | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Bore Cable | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Cut & Restore Asphalt | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Cut & Restore Concrete | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Cut & Restore Sod | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Free Trench (i.e. Developer) | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Hand Dig Trench | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Plow | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Push Pipe & Pull Cable | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Rocky Plow | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Rocky Trench | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Trench & Backfill | Rural: % Telco | 0.96 | 0.5 |
| Buried Sharing | Backhoe Trench | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Bore Cable | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Cut & Restore Asphalt | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Cut & Restore Concrete | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Cut & Restore Sod | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Free Trench (i.e. Developer) | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Hand Dig Trench | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Plow | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Push Pipe & Pull Cable | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Rocky Plow | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Rocky Trench | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Trench & Backfill | Suburban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Backhoe Trench | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Bore Cable | Urban: % Telco | 0.96 | 0.33 |

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## COMPARISON OF BELLSOUTH INPUTS TO AT&T AND WORLDCOM INPUTS

| Input Table | Element | Variable | BellSouth Input | AT&T-WCom Input |
|---|---|---|---|---|
| Buried Sharing | Cut & Restore Asphalt | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Cut & Restore Concrete | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Cut & Restore Sod | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Free Trench (i.e. Developer) | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Hand Dig Trench | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Plow | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Push Pipe & Pull Cable | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Rocky Plow | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Rocky Trench | Urban: % Telco | 0.96 | 0.33 |
| Buried Sharing | Trench & Backfill | Urban: % Telco | 0.96 | 0.33 |
| Underground Contract Labor | Manholes 1 | Softrock Contract Labor Cost | 6509.21 | 1463.36 |
| Underground Contract Labor | Manholes 2 | Softrock Contract Labor Cost | 6509.21 | 731.68 |
| Underground Contract Labor | Manholes 3 | Softrock Contract Labor Cost | 19337.15 | 731.68 |
| Underground Contract Labor | Manholes 5 | Softrock Contract Labor Cost | 15330.54 | 2016.04 |
| Underground Contract Labor | Manholes 1 | Normal Contract Labor Cost | 6509.21 | 1463.36 |
| Underground Contract Labor | Manholes 2 | Normal Contract Labor Cost | 6509.21 | 731.68 |
| Underground Contract Labor | Manholes 3 | Normal Contract Labor Cost | 19337.15 | 731.68 |
| Underground Contract Labor | Manholes 5 | Normal Contract Labor Cost | 15330.54 | 2016.04 |
| Underground Contract Labor | Manholes 1 | Hardrock Contract Labor Cost | 6509.21 | 1463.36 |
| Underground Contract Labor | Manholes 2 | Hardrock Contract Labor Cost | 6509.21 | 731.68 |
| Underground Contract Labor | Manholes 3 | Hardrock Contract Labor Cost | 19337.15 | 731.68 |
| Underground Contract Labor | Manholes 5 | Hardrock Contract Labor Cost | 15330.54 | 2016.04 |
| Underground Contract Labor | Manholes 1 | Water Contract Labor Cost | 6509.21 | 1463.36 |
| Underground Contract Labor | Manholes 2 | Water Contract Labor Cost | 6509.21 | 731.68 |
| Underground Contract Labor | Manholes 3 | Water Contract Labor Cost | 19337.15 | 731.68 |
| Underground Contract Labor | Manholes 5 | Water Contract Labor Cost | 15330.54 | 2016.04 |
| Facility Sharing (Plant Sharing) | Rural | Aerial Facility Sharing Percentage | 0.25 | 0.75 |
| Facility Sharing (Plant Sharing) | Suburban | Aerial Facility Sharing Percentage | 0.25 | 0.75 |
| Facility Sharing (Plant Sharing) | Urban | Aerial Facility Sharing Percentage | 0.25 | 0.75 |
| 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 |
| Facility Sharing (Plant Sharing) | Urban | Buried Facility Sharing Percentage | 0.25 | 0.75 |
| Facility Sharing (Plant Sharing) | Rural | UG Facility Sharing Percentage | 0.25 | 0.75 |
| Facility Sharing (Plant Sharing) | Suburban | UG Facility Sharing Percentage | 0.25 | 0.75 |
| Facility Sharing (Plant Sharing) | Urban | UG Facility Sharing Percentage | 0.25 | 0.75 |
| Cost Calculator | In-Plant Factor | DLC Plug-In Equipment | 1.1682 | 1.00239 |
| Cost Calculator | In-Plant Factor | DLC Hardwire Equipment | 2.5184 | 1.168 |
| Cost Calculator | Inflation | FRC 22 | 1.0822 | 0.962545 |
| Cost Calculator | Inflation | FRC 45 | 1.0715 | 1.009818 |
| Cost Calculator | Inflation | FRC 377 | 1.0201 | 1.01675 |
| Cost Calculator | Inflation | FRC 257 | 0.98 | 0.937397 |

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