

1 typically connect two BellSouth facilities for that CLEC's use. The dedicated
2 transport unbundled element is also identical to the transport used by a CLEC
3 to interconnect directly to a BellSouth end office as displayed on these same
4 diagrams and D10 and D13. As such, the same cost study is used for these two
5 applications of dedicated transport.

6
7 In addition to the transport capability, a facility may be necessary to connect
8 the CLEC to the BellSouth wire center. This element is defined as a local
9 channel and is included here because it directly relates to the transport
10 function. A local channel might be used by a CLEC that is interconnecting at
11 BellSouth's tandem or local switch and requires a dedicated facility provided
12 by BellSouth from the CLEC switch to the BellSouth switch.

13

14 Q. PLEASE DESCRIBE BELLSOUTH'S PROPOSAL FOR UNBUNDLED
15 TANDEM SWITCHING.

16

17 A. Tandem switching is shown in Exhibit AJV-1, D11. As displayed in Exhibit
18 AJV-2, unbundled tandem switching is the same tandem switching used for
19 interconnection. One cost study was performed to represent both of these
20 applications. As discussed previously, the unbundled tandem switching
21 function is also included in the local usage charge.

22

23 Q. ARE THERE ANY OTHER PRICING ISSUES UNDER CHECKLIST ITEM
24 # 5?

25

1 A. Yes. There is a pricing issue regarding the tandem intermediary element for
2 which there are no unique cost elements.

3

4 Q. IF THERE ARE NO UNIQUE COSTS FOR THE TANDEM
5 INTERMEDIARY ELEMENT, WHY IS A RATE PROPOSED?

6

7 A. The tandem intermediary function is part of interconnection and it allows a
8 CLEC to connect through a BellSouth tandem to another CLEC or possibly to
9 an incumbent local exchange company other than BellSouth. The availability
10 of this capability eliminates the need for CLECs to connect directly to each
11 other or to other incumbent local exchange companies in the local calling area
12 and, as such, provides a very significant value to these carriers. This added
13 value justifies a charge in addition to the basic transport and tandem switching
14 elements. BellSouth proposes the charge of \$0.002 per minute be used as the
15 final rate. It is significant to point out that this capability is not required by the
16 Act, therefore pricing standards of Section 252 (d) do not apply.

17

18 **CHECKLIST ITEM 6: Local Switching**

19

20 Q. PLEASE SUMMARIZE THE ISSUES THAT RELATE TO UNBUNDLED
21 LOCAL SWITCHING.

22

23 A. There are two issues related to this unbundled element. First, as was discussed
24 with the unbundled loop, the question of recovery of historical costs is also
25 relevant to the port, i.e., the monthly recurring component of unbundled

1 switching. Secondly, the treatment of vertical features that can be provided
2 through the switch is also at issue. Both issues are explained in detail below.

3

4 Q. PLEASE EXPLAIN THE STRUCTURE AND RATES FOR THE
5 UNBUNDLED PORT.

6

7 A. The recurring costs associated with unbundled switching, or port, are shown on
8 Exhibit AJV-1, D7 - D9. There are several different types of ports included in
9 various agreements. The port types and the proposed rates are shown on
10 Exhibit AJV-2, lines B.1.1 through B.1.8.

11

12 The port costs include the TELRIC-based costs and a portion of historical costs
13 in a manner similar to the loop. The port element may also contain the vertical
14 feature costs. Examples of the proposed port rates are provided below:

15

Port Type	Proposed Recurring Rate	Recurring Rate With All Features Included
2-Wire Analog	\$2.92	\$10.87
2-Wire ISDN	\$58.18	\$65.11
4-Wire ISDN DS1	\$251.99	\$313.65

16

17

18

19

20

21 Q. PLEASE EXPLAIN BELLSOUTH'S PROPOSAL FOR UNBUNDLED
22 SWITCHING AND THE INCLUSION OF VERTICAL FEATURES.

23

24

25

In its July 18, 1997 decision, the Eight Circuit determined that vertical features
are unbundled network elements and therefore are to be provided under the

1 cost standards in Section 252(d) of the Act. In the AT&T arbitration
2 proceeding, the cost studies submitted by BellSouth did not include the vertical
3 features because BellSouth treated these features as retail services subject to
4 resale. The Hatfield model data submitted by AT&T was said to include the
5 features in the switching costs. Neither BellSouth nor AT&T, however,
6 provided a study with and without the vertical features to determine what the
7 cost of these features were.

8
9 In order to comply with the Eighth Circuit's decision, BellSouth has provided
10 switching and port costs excluding the vertical features, but has also included
11 the costs of the most popular vertical features. To determine the rate for
12 switching including these vertical features, it is necessary to add up the costs of
13 all the vertical features and add them to the port cost. This would yield a
14 monthly 2-wire analog port cost of \$10.87.

15
16 The Eighth Circuit's recent decision and the FCC's August 18, 1997 Third
17 Order on Reconsideration appear to more clearly define what BellSouth is
18 obligated to offer under the Act. As a result of these Orders, BellSouth has
19 analyzed its obligations under the Act and what additional services it may want
20 to offer. Because BellSouth is only required to offer a port with all compatible
21 features for which it has provided cost studies, BellSouth is not required to
22 offer individual vertical features on a stand alone basis. In order to be
23 responsive to CLECs and their customers, however, in addition to the required
24 offering, BellSouth is also offering two additional options. First, BellSouth
25 will offer a 2-wire analog port without any features at a monthly price equal to

1 the actual cost of \$2.92. Second, if features are desired, BellSouth is offering a
2 2-wire analog port that contains up to three features of the CLEC's choosing.
3 This three feature package will be priced at \$6.86 per month which includes
4 the port (\$2.92) and the cost of the three highest cost features (totaling \$3.94).
5 This method insures that this option is not priced below cost regardless of the
6 features selected. For this \$6.86 monthly charge, a CLEC can choose any one,
7 two or three features that BellSouth offers. Our data shows that vast majority
8 of customers have three or fewer features, therefore, this option should be
9 sufficient to serve the majority of CLEC end users. Additional features beyond
10 the three included in the package may be purchased at the individual feature
11 prices on the price list (Exhibit AJV-2). Of course, a CLEC can always
12 purchase the full featured 2-wire analog port for \$10.87. These two additional
13 options provide a considerable savings for the CLEC. The 2-wire analog PBX
14 line port and 2-wire ISDN line ports are also offered with a three feature
15 package priced using the same method used for a 2-wire analog port as shown
16 in Exhibit AJV-2, page 6.

17

18 Q. HOW DOES THIS APPROACH COMPARE WITH THE FCC'S
19 DEFINITION OF UNBUNDLED LOCAL SWITCHING?

20

21 A. The approach BellSouth is proposing complies with the FCC's requirements
22 and offers lower priced options that are not required by the FCC. In its August
23 8, 1996 Interconnection Order, the FCC concluded that, "...the local switching
24 element includes all vertical features...". (paragraph 412) The FCC's Order,
25 however, goes on to say that, "At this time we decline to require further

1 unbundling of the local switch into a basic switching element and independent
2 vertical feature elements”. (emphasis added, paragraph 414) The FCC further
3 states, “In addition, the record indicates that the incremental costs associated
4 with vertical switching features on a per-line basis may be quite small, and
5 may not justify the administrative difficulty for the incumbent LEC or the
6 arbitrator to determine a price for each vertical element. Thus, states can
7 investigate, in arbitration or other proceedings, whether vertical switching
8 features should be made available as separate network elements”. (footnote
9 omitted, paragraph 414)

10
11 As BellSouth’s submission in this proceeding demonstrates, the incremental
12 costs of the vertical features are not necessarily small in all instances and
13 further, the ability to arrive at individual costs and rates is not overly
14 burdensome.

15

16 **CHECKLIST ITEM 9: Number administration**

17

18 Q. BELLSOUTH HAS NOT FILED ANY COSTS ASSOCIATED WITH
19 NUMBER ADMINISTRATION. IS THERE ANY SITUATION IN WHICH
20 COSTS MAY BE INCURRED AND SHOULD BE RECOVERED?

21

22 A. Yes. Currently, BellSouth is the number administrator within the majority of
23 its service territory in the nine state region. It is anticipated that in the future,
24 an FCC designated third party will be the administrator of the North American
25 Numbering Plan (NANP) and related numbering issues. At such time, should

1 BellSouth be required to provide interface functions with that third party on
2 behalf of independent telephone companies, CLECs, Commercial Mobile
3 Radio Service providers, etc., BellSouth should be able to recover from those
4 parties the costs involved. For example, BellSouth today enters and
5 administers routing and rating information into national databases for other
6 entities at no charge, even though costs are incurred. Once a third party
7 administrator is in place, BellSouth will still continue to enter this information.
8 At the time BellSouth is charged for access and use of these national databases,
9 it should be able to recover the costs associated with entering information for
10 other entities.

11

12 **CHECKLIST ITEM 10: Signaling and Databases**

13

14 Q. PLEASE EXPLAIN THE ADVANCED INTELLIGENT NETWORK (AIN)
15 COST ELEMENTS THAT HAVE BEEN FILED.

16

17 A. BellSouth has submitted cost studies for several elements to reflect the various
18 AIN capabilities that it offers. The following table translates the cost elements
19 to specific AIN capabilities.

20

21

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Requested Item	Cost Components (see AJV-2)
Access to AIN (SCE/SMS)	K.1.1 Service Estab. for SMS K2.1 Service Estab. for Toolkit K1.3 & K1.4 (customer selects) K1.5 & K1.6 (one minimum; additional are optional) K1.7 (usage based) K1.8 (usage based) K1.9 (optional) K2.10 (optional)
Requested Item	Cost Components (see AJV-2)
Trigger Activation	K2.3 - K2.8 (customer selects use of one or more)
SCP Storage and Report	K2.11 (usage) K2.12 - K2.15 (optional, per report)
Query - Referred to as: SSP to SCP Transmission SCP Processing SCP to SSP Transmission	K2.9 (usage) Included in K2.9 Included in K2.9 Included in K2.9
Training	K2.2 (optional)

Q. EXHIBIT AJV-2, LINE E.3.1 SHOWS A CCS7 SIGNALING CONNECTION, PER 56KBPS . WHAT IS THE PURPOSE OF THIS ELEMENT?

A. The purpose of the CCS7 Signaling Connection, per 56Kbps element, is to replace what was previously described as CCS7 Signaling Links (A&B). The 56Kbps connection performs the same function as Signaling Link A and Signaling Link B and is more descriptive of the actual element. Therefore, BellSouth has elected to replace these links with one 56Kbps element.

1

2 Q. EXHIBIT AJV-2 LINES G.9 AND G.9.1 REFER TO SELECTIVE
3 (CUSTOMIZED) ROUTING. UPON WHAT METHOD OF
4 PROVISIONING ARE THESE COSTS PROVIDED?

5

6 A. Selective (customized) routing as listed in my Exhibit AJV-2 is provided
7 through the use of line class codes. During the arbitration proceedings, there
8 was considerable discussion regarding the provision of customized routing and
9 the methods currently available. BellSouth's position was and continues to be
10 that line class codes (though finite in number) are currently the only method
11 capable of providing customized routing until such time as a long term solution
12 is developed and implemented. In its May 8, 1997 Order, the Commission
13 approved the Arbitration Panel's recommendation that customized routing be
14 provided on an interim basis. The Panel Recommendation went on to
15 encourage the parties to work together to develop a long term solution. As
16 such, BellSouth's costs for customized routing were developed based on the
17 provision of line class codes. When other means are available to accomplish
18 customized routing, BellSouth will make them available to CLECs.

19

20 **CHECKLIST ITEM 13: Reciprocal compensation**

21 The issues regarding pricing components of reciprocal compensation are
22 covered under checklist item 1.

23

24 **OTHER ISSUES RELATED TO BELL SOUTH'S COST STUDIES**

25

1 Q. HOW WILL NONRECURRING CHARGES BE APPLIED WHEN
2 MULTIPLE ELEMENTS ARE INSTALLED AT THE SAME TIME?

3
4 A. The nonrecurring charges for unbundled network elements have been studied
5 and costs developed on a stand-alone basis. The applicable rate will be
6 charged for each individual element for which a nonrecurring charge applies.
7 This is true whether the element is ordered alone or in multiples. The one
8 exception is when an element has one nonrecurring charge for the first unit
9 installed and another nonrecurring charge for additional unit(s) installed at the
10 same time. For example, if a CLEC ordered five units of the same item, one
11 first unit charge would apply and four additional unit charges would apply.

12
13 Q. HOW WILL THE RATE TRUE-UP BE APPLIED TO UNEs AND
14 INTERCONNECTION ELEMENTS INSTALLED UNDER THE SGAT?

15
16 A. Should the SGAT be approved prior to the establishment of rates in this
17 proceeding, the SGAT will be updated to reflect the new rates that are
18 approved. In addition, any interconnection arrangements or UNEs installed
19 under the interim rates in the SGAT will be trued-up based on the difference
20 between the interim rates and the rates approved in this proceeding.

21
22 Q. PLEASE IDENTIFY THE CHECKLIST ITEMS NOT ADDRESSED IN
23 THIS TESTIMONY.

24
25 A. As noted earlier, not all checklist items require discussion or explanation.

1 Those items not covered in this testimony include Checklist Items 7, 8, 11, 12
2 and 14. For Checklist Item 7 (Nondiscriminatory access to 911/E911,
3 directory assistance and operator services) and Item 11 (interim number
4 portability), BellSouth proposes that the Commission adopt its cost study
5 results as the permanent rates. For Checklist Item 8 (white pages directory
6 listings) and Item 12 (local dialing parity), no costs or rates apply. Checklist
7 Item 14 (resale of services) refers to the wholesale discount rate determined by
8 retail rates minus avoided costs. The Commission has already established
9 discount percentages for residential and business services.

10

11 Q. PLEASE SUMMARIZE YOUR TESTIMONY.

12

13 A. BellSouth requests the Commission approve BellSouth's proposed prices for
14 interconnection and UNEs. The Act allows an ILEC to develop rates based on
15 cost and to include a reasonable profit. BellSouth's proposed UNE and
16 interconnection rates are based on TELRIC, including shared costs, and
17 include cost components for common and historical costs. These are the
18 lowest prices that can be charged and allow BellSouth to recover its costs.

19

20 BellSouth must be allowed to recover its actual costs of providing a service
21 including historical and common costs. The benefits of historical and common
22 facilities and costs should be shared by BellSouth's end user customers and by
23 those CLECs that interconnect with and purchase UNEs from BellSouth. I
24 would not expect, because MCI needs a switch to enter the local telephone
25 market, that Lucent Technologies would provide that switch at its TELRIC or

1 any other similar cost. Just as Lucent needs a reasonable contribution to its
2 shared and common costs and recovery of its historical costs, BellSouth also
3 needs such cost recovery. If BellSouth is unable to recover such costs, the
4 shortfall will impact its retail prices. Consequently, BellSouth's end users,
5 particularly residential customers, will be harmed while competitors are being
6 subsidized through below cost prices.

7
8 The cost of providing services must also include a component to recover
9 historical costs. BellSouth's actual forward-looking economic cost of a service
10 cannot exclude historical costs. BellSouth has calculated the impact of this
11 cost component and applied those costs only on unbundled loops and ports.

12
13 BellSouth is not asking for anything extraordinary from the Commission.
14 BellSouth asks only that the Commission recognize that BellSouth has real
15 costs associated with the provision of UNEs and interconnection that are over
16 and above those submitted in its TELRIC studies and to allow BellSouth to
17 recover those costs in a competitively fair manner. BellSouth further requests
18 that the Commission adopt its prices for UNEs and interconnection as outlined
19 in my testimony and as specified in my Exhibit AJV-2.

20
21 Q. DOES THIS COMPLETE YOUR TESTIMONY?

22
23 A. Yes.

24

25

Unbundled Elements Cost and Rate Analysis With Cost Ref. #s

Diagram 1

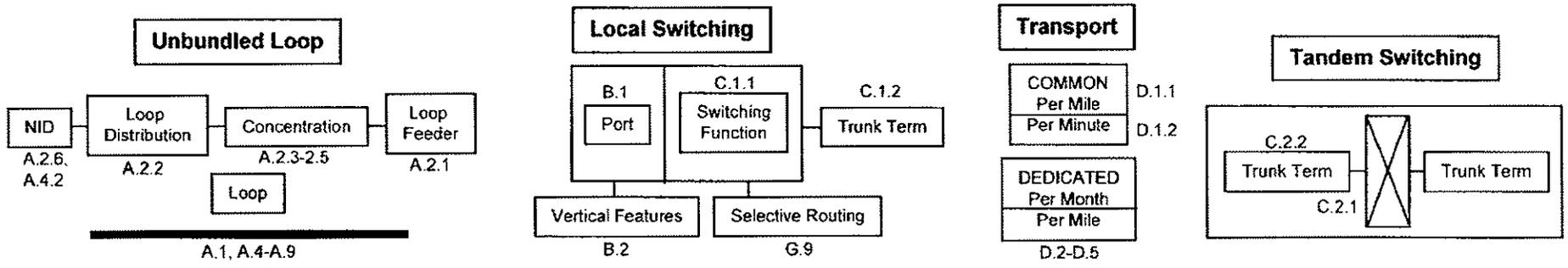
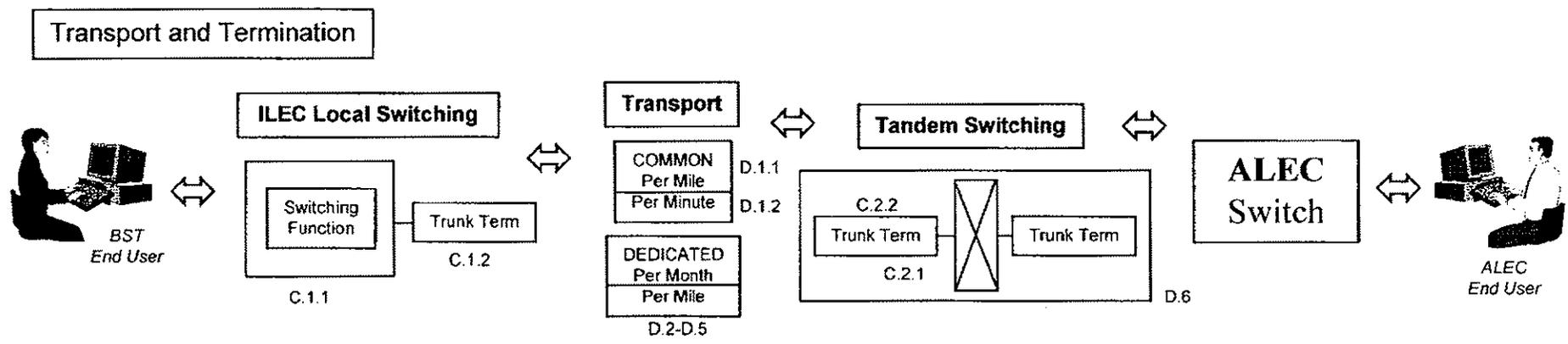
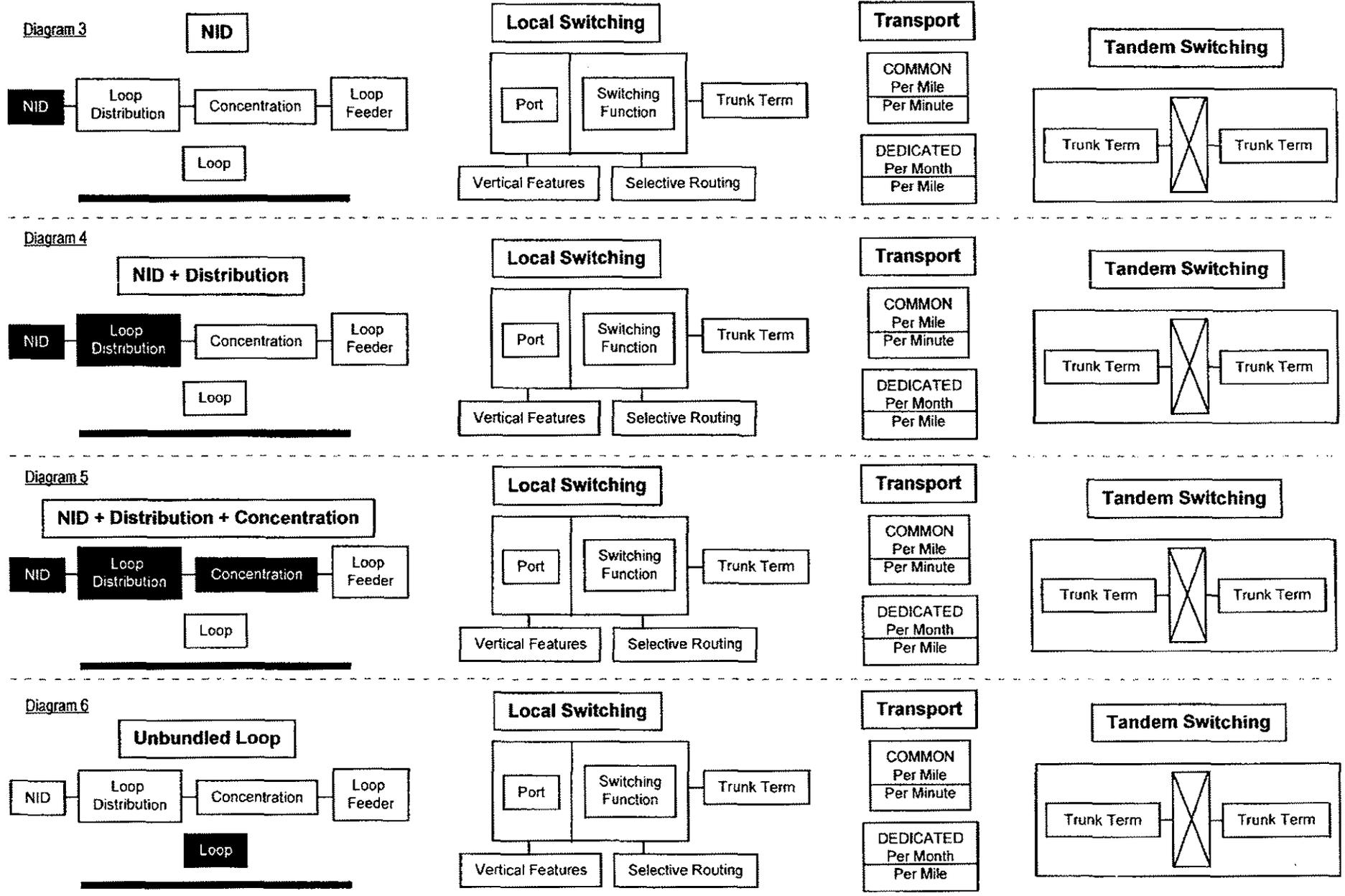


Diagram 2



Unbundled Loop



Unbundled Switching

Diagram 7

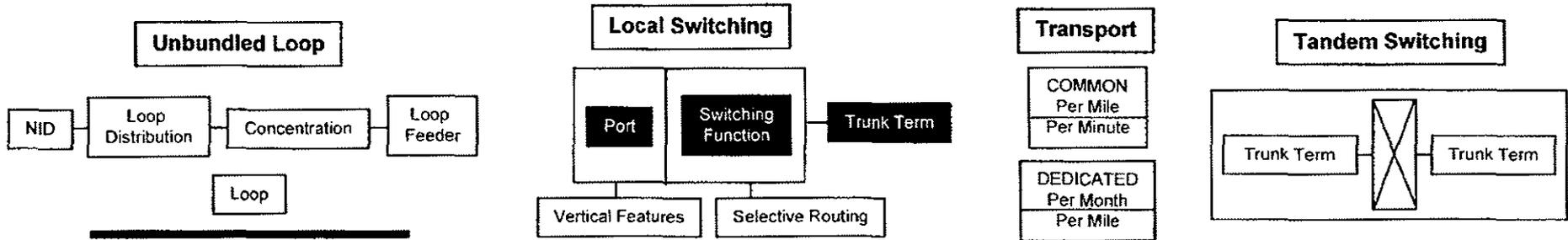


Diagram 8

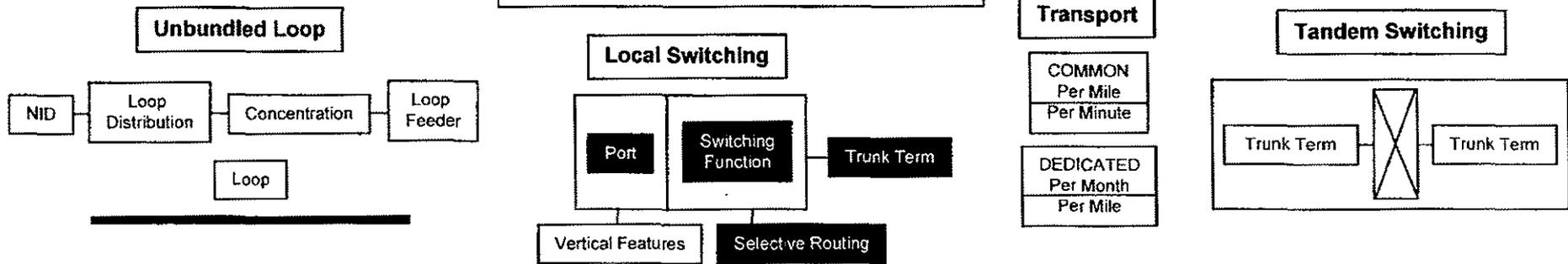
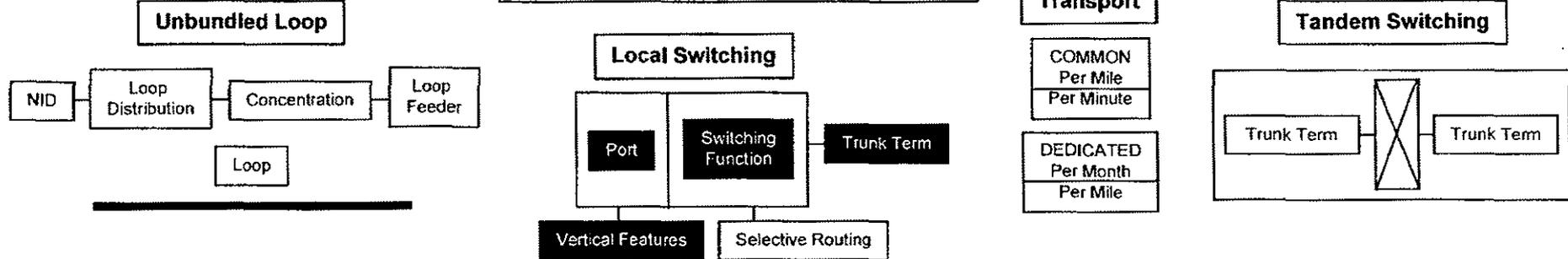


Diagram 9



Unbundled Switching + Transport + Tandem Switching

Diagram 10

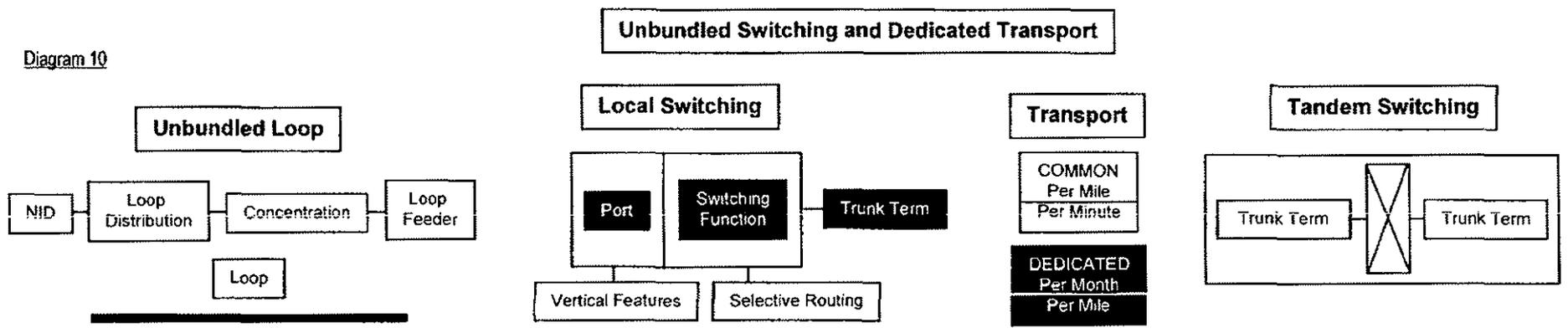
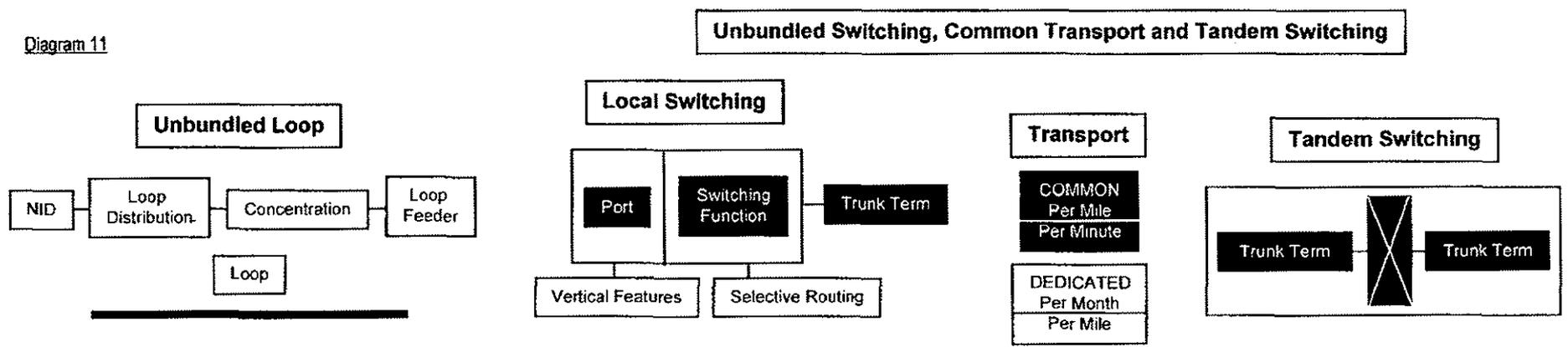
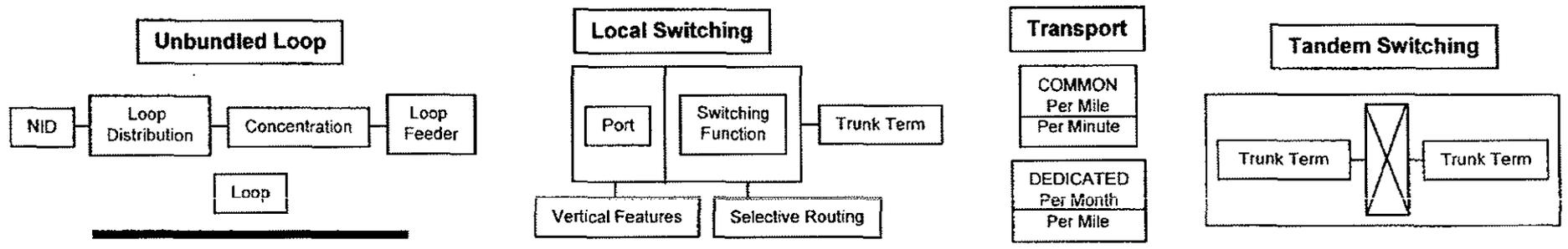


Diagram 11



Local Usage

Diagram 12



Transport and Termination

Diagram 13

Direct End Office Connection

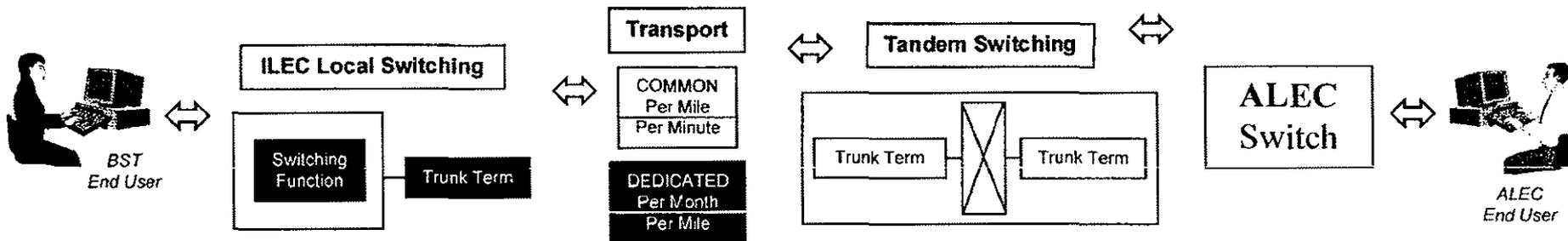
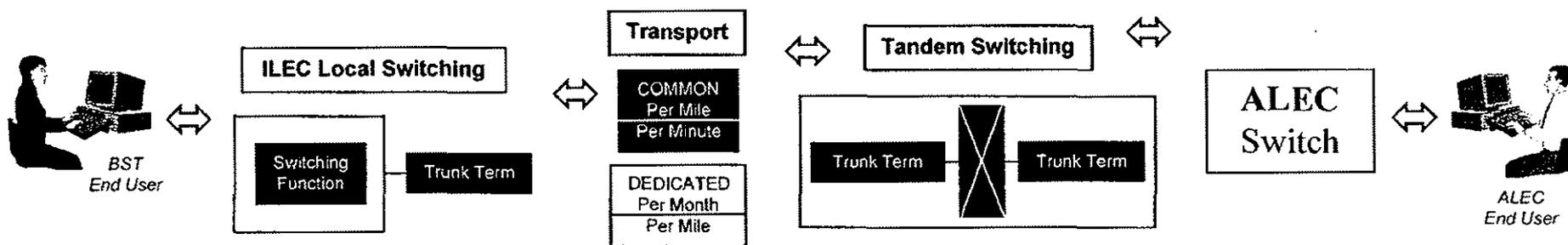


Diagram 14

Tandem Connection



Mississippi Rate and Cost Analysis

Cost Ref. #	✓ list Item	Rate Element	Current Rates		Cost				Proposed Rate		
			Recurring	Non-Recurring	Recurring		Non-Recurring(A)		Recurring	Non-Recurring(A)	
A.0	4	Unbundled Local Loop			(B)				(D)		
A.1		2-Wire Analog Voice Grade Loop	25.24 ⁽¹⁾	25.00 ⁽¹⁾ 10.00 ⁽¹⁾					See A.1.1 to A.1.5		
A.1.1		2-wire analog voice grade loop - service level 1			24.85	8.05	75.30 48.62	115.99 60.12	32.90	75.30 48.62	115.99 60.12
A.1.2		2-wire analog voice grade loop - service level 2			28.98	8.05	184.10 134.25	224.79 145.75	37.03	184.10 134.25	224.79 145.75
A.1.3		2-wire analog voice grade loop - service level 1 - manual order coordination					62.75 62.75	62.75 62.75		62.75 62.75	62.75 62.75
A.1.4		2-wire analog voice grade loop - service level 1 - order coordination for specified conversion time					45.81	45.81		45.81	45.81
A.1.5		2-wire analog voice grade loop - service level 2 - order coordination for specified conversion time					45.81	45.81		45.81	45.81
A.2		Sub-Loop 2-Wire Analog									
A.2.6		NID per 2-wire analog voice grade loop	.67 ⁽¹⁾		1.39		5.49 5.49	46.18 16.99	1.39	5.49 5.49	46.18 16.99
A.3		Loop Channelization and CO Interface (inside CO)									
A.3.1		Loop channelization system - digital loop carrier	397.55 ⁽¹⁾	350.00 ⁽¹⁾	422.39		434.45 106.15	474.51 117.65	422.39	434.45 106.15	474.51 117.65
A.3.2		CO channel interface - 2 wire voice grade	1.24 ⁽¹⁾	8.00 ⁽¹⁾	1.11		35.99 35.75	35.99 35.75	1.11	35.99 35.75	35.99 35.75
A.4		4-Wire Analog Voice Grade Loop									

Notes:

Under Current Rates Column: Source of rates: (1) Commission Order dated 5/8/97 approving AT&T Agreement, (2) SGAT and other agreements, (T) Existing Tariff Rates

Under Cost Column: (A) Single entry in first column indicates an electronic order, single entry in second column indicates a manual order; where four costs/rates are shown, the first column is first and additional for electronic orders, second column is first and additional for manual orders. (B) First column for loops and ports represents TELRIC; second column for loops and ports represents residual recovery requirement (C) Port costs do not include vertical feature costs shown in Section B.2.

Under Proposed Rate Column: (A) Same as above. (D) Proposed rate based on "actual" costs. (E) Port rates do not include vertical feature rates shown in Section B.2. (T) Existing Tariff Rates.

Mississippi Rate and Cost Analysis

Cost Ref. #	✓ list Item	Rate Element	Current Rates		Cost				Proposed Rate		
			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)	
A.4.1		4-wire analog voice grade loop	38.02 ⁽¹⁾	25.00 ⁽¹⁾ 10.00 ⁽¹⁾	35.70	11.56	390.49 293.30	430.69 304.80	47.26	390.49 293.30	430.69 304.80
A.4.2		NID per 4-wire analog voice grade loop			1.53		5.40 5.40	45.60 16.90	1.53	5.40 5.40	45.60 16.90
A.4.3		4-wire analog voice grade loop - order coordination for specified conversion time					45.81	45.81		45.81	45.81
A.5		<i>2-Wire ISDN Digital Grade Loop</i>									
A.5.1		2-wire ISDN digital grade loop	36.47 ⁽¹⁾	25.00 ⁽¹⁾	26.20	6.70	431.82 309.13	472.51 320.63	32.90	431.82 309.13	472.51 320.63
A.5.2/ A.2.6		NID per 2-wire ISDN Digital Grade Loop	See A.2.6								
A.5.3		2-wire ISDN digital grade loop - order coordination for specified conversion time					45.81	45.81		45.81	45.81
A.6		<i>2-Wire Asymmetrical Digital Subscriber Line (ADSL) Loop</i>									
A.6.1		2-wire asymmetrical digital subscriber line (ADSL) loop	25.24 ⁽¹⁾	25.00 ⁽¹⁾ 10.00 ⁽¹⁾	27.05	5.85	611.27 516.87	651.96 528.37	32.90	611.27 516.87	651.96 528.37
A.6.2/ A.2.6		NID per 2-wire asymmetrical digital subscriber line (ADSL) loop	See A.2.6								
A.6.3		2-wire ADSL loop - order coordination for specified conversion time					45.81	45.81		45.81	45.81
A.7		<i>2-Wire High Bit Rate Digital Subscriber Line (HDSL) Loop</i>									
A.7.1		2-wire high bit rate digital subscriber line (HDSL) loop	25.24 ⁽¹⁾	25.00 ⁽¹⁾ 10.00 ⁽¹⁾	13.91	4.51	611.27 516.87	651.96 528.37	18.42	611.27 516.87	651.96 528.37

Notes:
Under Current Rates Column: Source of rates: (1) Commission Order dated 5/8/97 approving AT&T Agreement, (2) SGAT and other agreements, (T) Existing Tariff Rates
Under Cost Column: (A) Single entry in first column indicates an electronic order, single entry in second column indicates a manual order; where four costs/rates are shown, the first column is first and additional for electronic orders, second column is first and additional for manual orders. (B) First column for loops and ports represents TELRIC; second column for loops and ports represents residual recovery requirement (C) Port costs do not include vertical feature costs shown in Section B.2.
Under Proposed Rate Column: (A) Same as above. (D) Proposed rate based on "actual" costs. (E) Port rates do not include vertical feature rates shown in Section B.2. (T) Existing Tariff Rates.

Mississippi Rate and Cost Analysis

Cost Ref. #	✓ list Item	Rate Element	Current Rates		Cost				Proposed Rate		
			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)			
A.7.2/ A.2.6		NID per 2-wire high bit rate digital subscriber line (HDSL) loop	See A.2.6								
A.7.3		2-wire HDSL loop - order coordination for specified conversion time				45.81	45.81		45.81	45.81	
A.8		<i>4-Wire High Bit Rate Digital Subscriber Line (HDSL) Loop</i>									
A.8.1		4-wire high bit rate digital subscriber line (HDSL) loop	38.02 ⁽¹⁾	25.00 ⁽¹⁾ 10.00 ⁽¹⁾	17.31	5.61	634.77 541.89	674.97 553.39	22.92	634.77 541.89	674.97 553.39
A.8.2/ A.4.2		NID per 4-wire high bit rate digital subscriber line (HDSL) loop	See A.4.2								
A.8.3		4-wire HDSL loop - order coordination for specified conversion time				45.81	45.81		45.81	45.81	
A.9		<i>4-Wire DSL Digital Loop</i>									
A.9.1		4-wire DSL digital loop	77.39 ⁽¹⁾	300.00 ⁽¹⁾ 250.00 ⁽¹⁾	78.15		727.06 429.84	767.12 441.34	78.15	727.06 429.84	767.12 441.34
A.9.3		Order Coordination For Specified Conversion Time					48.96	48.96		48.96	48.96
A.10		<i>4-Wire 56 or 64 KBPS Digital Grade Loop</i>									
A.10.1		4-wire 56 or 64 Kbps digital grade loop			39.81	12.90	611.99 401.11	652.19 412.61	52.71	611.99 401.11	652.19 412.61
A.10.2		NID per 4-wire 56 or 64 Kbps digital grade loop	See A.4.2								

Notes:

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Mississippi Rate and Cost Analysis

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)			
A.10.3		4-wire 56 or 64 Kbps digital grade loop - order coordination for specified conversion time					45.81	45.81		45.81	45.81
B.0	6	Unbundled Local Exchange Ports and Features									
<i>B.1</i>		<i>Exchange Ports</i>			(B) (C)				(D) (E)		
B.1.1		Exchange ports - 2-wire analog line port, residence/business	1.99 (1)	3.50(1) 3.50(1)	2.51	.41	29.30 29.30	69.95 40.80	2.92	29.30 29.30	69.95 40.80
B.1.2		Exchange ports - 4-wire analog voice grade port			10.65	.41	28.53 28.53	67.28 40.03	11.06	28.53 28.53	67.28 40.03
B.1.3		Exchange ports - 2-wire DID port	12.08(1)	50.00(1) 50.00(1)	16.66		96.58 96.58	137.28 108.08	16.66	96.58 96.58	137.28 108.08
B.1.4		Exchange ports - 4-wire DID port	130.23(1)	60.00(1) 60.00(1)	177.20		131.08 84.07	171.77 95.57	177.20	131.08 84.07	171.77 95.57
B.1.5		Exchange ports - 2-wire ISDN digital line side port	11.73(1)	50.00(1) 50.00(1)	58.18		70.30 70.30	134.40 134.40	58.18	70.30 70.30	134.40 134.40
B.1.6		Exchange ports - 4-wire ISDN DS1 digital trunk port	270.36(1)	75.00(1) 75.00(1)	251.99		288.19 288.19	346.55 346.55	251.99	288.19 288.19	346.55 346.55
B.1.7		Exchange ports - 2-wire analog line port, PBX			2.51	.41	28.53 28.53	67.28 40.03	2.92	28.53 28.53	67.28 40.03
B.1.8		Exchange ports - Coin port	2.28 (1)	3.50(1) 3.50(1)	2.76	.41	29.19 29.19	69.56 40.69	3.17	29.19 29.19	69.56 40.69
<i>B.2</i>		<i>Features</i>									
B.2.1		Three-Way Calling			1.59		1.52	1.52	1.59	1.52	1.52
B.2.2		Customer Changeable Speed Calling			.0873		1.52	1.52	.09	1.52	1.52

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)		
B.2.3		Call Waiting			.0358	1.52	1.52	.04	1.52	1.52
B.2.4		Remote Activation of Call Forwarding			.5118	1.52	1.52	.51	1.52	1.52
B.2.5		Cancel Call Waiting			.0098	1.52	1.52	.01	1.52	1.52
B.2.6		Automatic Callback			1.20	1.52	1.52	1.20	1.52	1.52
B.2.7		Automatic Recall			.3790	1.52	1.52	.38	1.52	1.52
B.2.8		Calling Number Delivery			.2159	1.52	1.52	.22	1.52	1.52
B.2.9		Calling Number Delivery Blocking			1.04	1.52	1.52	1.04	1.52	1.52
B.2.10		Customer Originated Trace			.2227	1.52	1.52	.22	1.52	1.52
B.2.11		Selective Call Rejection			.2076	1.52	1.52	.21	1.52	1.52
B.2.12		Selective Call Forwarding			.1141	1.52	1.52	.11	1.52	1.52
B.2.13		Selective Call Acceptance			.4777	1.52	1.52	.48	1.52	1.52
B.2.15		Multiline Hunt Service (Rotary) Service per line. (in addition to port)	.12(1)		.1498	1.52	1.52	.15	1.52	1.52
B.2.16		Call Forwarding Variable			.0533	1.52	1.52	.05	1.52	1.52
B.2.17		Call Forwarding Busy Line			.0297	1.52	1.52	.03	1.52	1.52
B.2.18		Call Forwarding Don't Answer All Calls			.0332	1.52	1.52	.03	1.52	1.52
B.2.19		Remote Call Forwarding			1.72	1.52	1.52	1.72	1.52	1.52
B.2.20		Call Transfer			.1659	1.52	1.52	.17	1.52	1.52
B.2.21		Call Hold			.0216	1.52	1.52	.02	1.52	1.52
B.2.22		Toll Restricted Service			.0427	1.52	1.52	.04	1.52	1.52
B.2.23		Message Waiting Indicator - Stutter Dial Tone			.0415	1.52	1.52	.04	1.52	1.52
B.2.24		Anonymous Call Rejection			1.15	1.52	1.52	1.15	1.52	1.52
B.2.25		Shared Call Appearances of a DN			.6076	1.48	1.48	.61	1.48	1.48
B.2.26		Multiple Call Appearances			.1130	1.48	1.48	.11	1.48	1.48
B.2.27		ISDN Bridged Call Exclusion			.0016	1.48	1.48	.00	1.48	1.48
B.2.28		Call by Call Access			61.66	33.58	33.58	61.66	33.58	33.58

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)			
B.2.29		Privacy Release			.0034		1.52	1.52	.00	1.52	1.52
B.2.30		Multi Appearance Directory Number Calls			.1348		1.52	1.52	.13	1.52	1.52
B.2.31		Make Set Busy			.0014		1.52	1.52	.00	1.52	1.52
B.2.32		Teen Service (Res. Dist. Alerting Service)			.1153		1.52	1.52	.12	1.52	1.52
B.2.33		Code Restriction and Diversion			.0520		1.52	1.52	.05	1.52	1.52
B.2.34		Call Park			.0495		1.52	1.52	.05	1.52	1.52
B.2.35		Automatic Line			.1180		1.52	1.52	.12	1.52	1.52
B.2.36		ISDN Message Waiting Indication-Lamp			.0127		1.48	1.48	.01	1.48	1.48
B.2.37		ISDN Feature Function Buttons					1.52	1.52		1.52	1.52
B.2.39		Subsequent Ordering Charge					5.49	7.40		5.49	7.40
							.96	.96		.96	.96
(See page 20 for other ports)		Exchange Port - 2-wire analog (res./bus.) with all available features included			10.46	.41	65.78	106.43	10.87	65.78	106.43
		Exchange Port - 2-wire analog (res./bus.) with three features included			6.45	.41	33.86	74.51	6.86	33.86	74.51
		Exchange Port - 2-wire analog (PBX) with three features included			6.45	.41	33.09	71.84	6.86	33.09	71.84
		Exchange Port - 2-wire ISDN digital line side port with three features included			62.01		74.86	138.96	62.01	74.86	138.96
							74.86	138.96		74.86	138.96
C.0	1.6,13	Unbundled Switching and Local Interconnection									
C.1		<i>End Office Switching</i>									
C.1.1		End office switching function per MOU	.0026(1)		.0028802				.0031136		
C.1.2		End office trunk port - shared per MOU			.0002334				See C.1.1		
C.2		<i>Tandem Switching</i>									

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C.2.1		Tandem switching function per MOU	.0083(1)		.0009492			.0012926		
C.2.2		Tandem trunk port - shared per MOU			.0003434			See C.2.1		
		Tandem intermediary charge	.002(2)					.002(2)		
D.0	1.5.13	Unbundled Transport and Local Interoffice Transport								
D.1		<i>Common Transport</i>								
D.1.1		Common transport - per mile, per MOU	.000012(1)		.0000105			.0000105		
D.1.2		Common transport - facilities termination per MOU	.00036(1)		.0004656			.0004656		
D.2		<i>Interoffice (IO) Transport - Dedicated - Voice Grade</i>								
D.2.1		Interoffice transport - dedicated - 2-wire voice grade - per mile			.0363			.0390		
D.2.2		Interoffice transport - dedicated - 2-wire voice grade - facility termination per month			23.20	141.65 55.87	177.54 91.76	23.20	141.65 55.87	177.54 91.76
D.3		<i>Interoffice Transport - Dedicated - DSO - 56/64kbps</i>								
D.3.1		Interoffice transport - dedicated - DSO - per mile			.0363			.0390		
D.3.2		Interoffice transport - dedicated - DSO - facility termination			22.45	141.65 55.87	177.54 91.76	22.45	141.65 55.87	177.54 91.76
D.4		<i>Interoffice Transport - Dedicated - DSI</i>								

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)		Recurring	Non-Recurring(A)	
D.4.1		Interoffice transport - dedicated - DS1 - per mile	1.60 ⁽¹⁾		.7422			.7422		
D.4.2		Interoffice transport - dedicated - DS1 - facility termination	59.75 ⁽¹⁾	100.49 ⁽¹⁾	80.91	222.17	258.06	80.91	222.17	258.06
						168.07	203.96		168.07	203.96
		Unbundled local exchange access interoffice channel								
		0-8 miles, fixed	16.89 ⁽¹⁾							
		0-8 miles, per mile, per month	.007 ⁽¹⁾							
		9-25 miles, fixed	16.89 ⁽¹⁾							
		9-25 miles, per mile, per month	.007 ⁽¹⁾							
		Over 25 miles, fixed	18.26 ⁽¹⁾							
		Over 25 miles, per mile, per month	.0775 ⁽¹⁾							
		Nonrecurring		10.00 ⁽¹⁾						
D.5	1,13	<i>Local Channel - Dedicated</i>								
D.5.1		Local Channel - Dedicated - 2-wire voice grade			19.37	562.99	603.04	19.37	562.99	603.04
						93.42	104.92		93.42	104.92
D.5.2		Local Channel - Dedicated - 4-wire voice grade			20.67	571.52	611.57	20.67	571.52	611.57
						96.43	107.93		96.43	107.93
D.5.3		Local Channel - Dedicated - DS1			42.48	544.21	628.83	42.48	544.21	628.83
						471.51	471.51		471.51	471.51
D.5.7		Local Channel - Dedicated - DS3			584.08	571.61	625.93	584.08	571.61	625.93
						536.87	591.19		536.87	591.19
D.6	1,13	<i>Interoffice Transport - Dedicated - DS3</i>								

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D.6.1		Interoffice transport - dedicated - DS3, per mile	40.00 ⁽¹⁾		16.89			16.89		
D.6.2		Interoffice transport - dedicated - DS3, facility termination	600.00 ⁽¹⁾	67.19 ⁽¹⁾	809.59	805.89	895.68	809.59	805.89	895.68
						587.87	677.66		587.87	677.66
E.0	10	Signaling Networks, Databases and Service Management Systems								
E.1		<i>800/888 Access Ten Digit Screening</i>								
E.1.1		800 access ten digit screening, per call	.00115 ⁽¹⁾ per query		.0005809			.0005809		
		Per 800 call utilizing access ten digit screening service with 800 number delivery, for 800 numbers with optional complex features, per query	.0012 ⁽¹⁾							
		Per 800 call utilizing access ten digit screening service with POTS number delivery, per query	.00115 ⁽¹⁾							
		Per 800 call utilizing access ten digit screening service with POTS number delivery, with optional complex features, per query	.0012 ⁽¹⁾							
E.1.2		800 access ten digit screening, reservation charge, per 800 number reserved		5.00 ⁽¹⁾ .50 ⁽¹⁾		8.55 .9647	34.42 .9647		8.55 .9647	34.42 .9647
E.1.3		800 access ten digit screening, per 800 # established without POTS translations		5.00 ⁽¹⁾ 2.00 ⁽¹⁾		26.69 2.75	65.98 2.75		26.69 2.75	65.98 2.75
E.1.4		800 access ten digit screening, per 800 # established with POTS translations		5.00 ⁽¹⁾ 2.00 ⁽¹⁾		26.69 2.75	65.98 2.75		26.69 2.75	65.98 2.75

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E.1.5		800 access ten digit screening, customized area of service per 800 #		3.00 ⁽¹⁾ 1.50 ⁽¹⁾			5.67 2.84	5.67 2.84		5.67 2.84	5.67 2.84
E.1.6		800 access ten digit screening, multiple interLATA CXR routing per CXR requested per 800#		3.50 ⁽¹⁾ 2.00 ⁽¹⁾			6.64 3.80	6.64 3.80		6.64 3.80	6.64 3.80
E.1.7		800 access ten digit screening, change charge per request		5.00 ⁽¹⁾ .50 ⁽¹⁾			9.51 .9647	35.38 .9647		9.51 .9647	35.38 .9647
E.1.8		800 access ten digit screening, call handling and destination features		3.00 ⁽¹⁾			5.67	5.67		5.67	5.67
E.2		<i>Line Information Database Access (LIDB)</i>									
E.2.1		LIDB common transport per query	.00004 ⁽¹⁾		.0000534				.0000534		
E.2.2		LIDB validation per query	.00499 ⁽¹⁾		.0144449				.0144449		
E.2.3		LIDB originating point code establishment or change		91.00 ⁽¹⁾			64.16	90.03		64.16	90.03
E.3		<i>CCS7 Signaling Transport</i>									
E.3.1		CCS7 signaling connection, per 56Kbps			23.50		282.95	322.24	23.50	282.95	322.24
		CCS7 signaling links, A link	19.75 ⁽¹⁾							See E.3.1	
		CCS7 signaling links, B/D link	25.25 ⁽¹⁾							See E.3.1	
E.3.2		CCS7 signaling termination, per STP port			192.97				192.97		
E.3.3		CCS7 Signaling Usage, Per Call Setup Message	.00005 ⁽¹⁾		.0000539				.0000539		
E.3.4		CCS7 signaling usage, per TCAP message	.00005 ⁽¹⁾		.0001313				.0001313		
E.3.5		CCS7 signaling usage surrogate, per 56Kbps facility, per LATA per month	395.00 ⁽¹⁾		480.84				480.84		

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F.0		Operations Support Systems (OSS)							
F.1		<i>Operational Support Systems (OSS)</i>							
		OSS Interactive Ordering and Trouble Maintenance, Establishment, per user						50.00	100.00
		Recovery of incremental OSS costs, per electronic order				10.80 per elec. order			10.80 per elec. order
F.1.2		OSS CLEC daily usage file (billing): recording, per message	.008 ⁽¹⁾		.0001428			.0001428	
F.1.3		OSS CLEC daily usage file (billing): message distribution, per message	.004 ⁽¹⁾		.0032647			.0032647	
F.1.4		OSS CLEC daily usage file; message distribution, per magnetic tape provisioned			55.07			55.07	
F.1.5		OSS CLEC daily usage file (billing): data transmission (connect:direct), per message	.001 ⁽¹⁾		.0000365			.0000365	
G.0	7	Operator Services and Directory Assistance							
G.1		<i>Operator Call Processing</i>							
G.1.1		Operator call processing - operator provided cost per minute - using BST LIDB	.30 ⁽¹⁾ per call		1.21			1.21	
G.1.2		Operator call processing - operator provided cost per minute - using foreign LIDB	.30 ⁽¹⁾ per call		1.26			1.26	
G.1.3		Operator call processing - fully automated cost per call - using BST LIDB	.074 ⁽¹⁾ per attempt		.1141546			.1141546	

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G.1.4		Operator call processing - fully automated cost per call - using foreign LIDB	.095 ⁽¹⁾ per attempt		.1319752			.1319752		
G.1.5		Loading expense per announcement for branded announcement					253.74			253.74
G.1.6		Recording expense per announcement for branded announcement					1654.00			1654.00
							1651.00			1651.00
G.2		<i>Inward Operator Services</i>								
G.2.1		Inward operator services - verification, per minute	.81 ⁽¹⁾ per call		1.16			1.16		
G.2.2		Inward operator services - emergency interrupt, per minute	.97 ⁽¹⁾ per call		1.16			1.16		
G.3		<i>Directory Assistance Call Completion (DACC)</i>								
G.3.1		Directory assistance call completion access service, per call attempt	.0287 ⁽¹⁾		.0449241			.0449241		
G.4		<i>Number Services Intercept Access Service</i>								
G.4.1		Number services intercept, per query	.00915 ⁽¹⁾		.0202954			.0202954		
G.5	5	<i>Directory Assistance Access Service</i>								
G.5.1		Directory assistance access service call, cost per call	.26625 ⁽¹⁾		.2669576			.2669576		
		Call completion access termination per completed call	.06 ⁽²⁾							

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Mississippi Rate and Cost Analysis

Cost Ref. #	✓ list Item	Rate Element	Current Rates		Cost			Proposed Rate		
			Recurring	Non-Recurring	Recurring	Non-Recurring(A)		Recurring	Non-Recurring(A)	
G.5.2		Loading expense per announcement for branded announcement					253.74			253.74
							253.74			253.74
G.5.3		Recording expense per announcement for branded announcement					1654.00			1654.00
							1651.00			1651.00
G.6		<i>Directory Transport</i>								
G.6.1/ D.5.3		Directory transport - switched local channel DSI	70.00 ⁽¹⁾	300.00 ⁽¹⁾ 250.00 ⁽¹⁾	42.48		544.21 471.51	628.83 471.51	42.48 471.51	544.21 471.51
G.6.2/ D.4.1		Directory transport - DSI level interoffice per mile	1.60 ⁽¹⁾		.7422				.7422	
G.6.3/ D.4.2		Directory transport - DSI level interoffice per facility termination	59.75 ⁽¹⁾	100.49 ⁽¹⁾	80.91		222.17 168.07	258.06 203.96	80.91 168.07	222.17 203.96
G.6.4		Switched common transport per DA access service per call	.001918 ⁽¹⁾		.0003259				.0003259	
G.6.5		Switched common transport per DA access service per call per mile	.00003 ⁽¹⁾		.0000237				.0000237	
G.6.6		Access tandem switching per DA access service per call	.00245 ⁽¹⁾		.0028731				.0028731	
G.6.7		Directory transport - DA interconnection per DA service call	.00269 ⁽²⁾							
G.6.8		Directory transport - installation NRC. per trunk or signaling connection		00 ⁽¹⁾			410.56 11.09			410.56 11.09
G.7	7	<i>Directory Assistance Database Service (DADS)</i>								
G.7.1		Directory assistance database service, cost per listing	.0192 ⁽²⁾		.0445				.0445	

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Mississippi Rate and Cost Analysis

Cost Ref. #	✓ list Item	Rate Element	Current Rates		Cost			Proposed Rate	
			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)	
G.7.2		Directory assistance database service, monthly recurring cost	120.64 ⁽²⁾		128.28			128.28	
G.8		<i>Direct Access to Directory Assistance</i>							
G.8.1		Direct access to directory assistance service, per month	5,000.00 ⁽²⁾		7,040.00			7,040.00	
G.8.2		Direct access to directory assistance service, per query	.023 ⁽²⁾		.0478454			.0478454	
G.8.3		Direct access to directory assistance service, service establishment charge		1,000.00 ⁽²⁾			1,183.00		1,183.00
G.9	10	<i>Customized Routing (or selective routing)</i>							
G.9.1		Customized routing per unique line class code, per request, per switch				229.86	255.73		229.86 255.73
		Per line or PBX trunk, one-time charge	3.90 ⁽²⁾	10.00 ⁽²⁾					
H.0	2	Collocation							
H.1		<i>Physical Collocation</i>							
H.1.1		Physical collocation - application cost		3,100.00 ⁽¹⁾			7,099.00		7,099.00
H.1.2		Physical collocation - space preparation		ICB	ICB			ICB	
H.1.3		Physical collocation - space construction cost per first 100 square feet		3,750.00 ⁽¹⁾	148.13			148.13	
H.1.4		Physical collocation - space construction cost per additional 50 square feet			17.18			17.18	
H.1.5		Physical collocation - cable installation cost per cable		2,750.00 ⁽¹⁾			2,493.00		2,493.00
H.1.6		Physical collocation - floor space, per square feet - zone A	4.28 ⁽¹⁾		3.85			3.85	

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Mississippi Rate and Cost Analysis

Cost Ref. #	✓ list Item	Rate Element	Current Rates		Cost			Proposed Rate		
			Recurring	Non-Recurring	Recurring	Non-Recurring(A)		Recurring	Non-Recurring(A)	
		Physical collocation - floor space, per square feet - zone B	4.09 ⁽¹⁾		See H.1.6					
H.1.7		Physical collocation - cable support structure, per entrance cable	13.35 ⁽¹⁾		24.90			24.90		
H.1.8		Physical collocation - power, per ampere	3.86 ⁽¹⁾		7.75			7.75		
H.1.9		Physical collocation - 2-wire cross connects	.30 ⁽¹⁾	9.25 ⁽¹⁾	.4346	42.97	47.05	.4346	42.97	47.05
				9.25 ⁽¹⁾		40.38	44.46		40.38	44.46
H.1.10		Physical collocation - 4-wire cross connects	.50 ⁽¹⁾	9.25 ⁽¹⁾	.8692	42.88	46.91	.8692	42.88	46.91
				9.25 ⁽¹⁾		40.21	44.24		40.21	44.24
H.1.11		Physical collocation - DS1 cross connects	3.07 ⁽¹⁾	113.75 ⁽¹⁾	3.15	72.49	76.51	3.15	72.49	76.51
				14.25 ⁽¹⁾		52.29	56.31		52.29	56.31
H.1.12		Physical collocation - DS3 cross connects	39.64 ⁽¹⁾	113.75 ⁽¹⁾	57.98	71.29	75.31	57.98	71.29	75.31
				14.25 ⁽¹⁾		50.63	54.65		50.63	54.65
H.1.13		Physical collocation - 2-wire POT bay	.18 ⁽¹⁾		.1299			.1299		
H.1.14		Physical collocation - 4-wire POT bay	.44 ⁽¹⁾		.2599			.2599		
H.1.15		Physical collocation - DS1 POT bay	.44 ⁽¹⁾		1.07			1.07		
H.1.16		Physical collocation - DS3 POT bay	3.66 ⁽¹⁾		6.31			6.31		
H.1.17		Physical collocation - security escort - basic, per ½ hour & additional ½ hour		41.00 ⁽¹⁾			43.33			43.33
				25.00 ⁽¹⁾			25.74			25.74
H.1.18		Physical collocation - security escort - overtime, per ½ hour & additional ½ hour		48.00 ⁽¹⁾			55.06			55.06
				30.00 ⁽¹⁾			32.69			32.69
H.1.19		Physical collocation - security escort - premium, per ½ hour & additional ½ hour		55.00 ⁽¹⁾			66.80			66.80
				35.00 ⁽¹⁾			39.64			39.64
H.2		<i>Virtual Collocation</i>								
H.2.1		Virtual collocation - application cost		2,848.30 ^(T)			3,670.00			2,848.30 ^(T)

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Mississippi Rate and Cost Analysis

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)		
H.2.2		Virtual collocation - cable installation cost per cable		2,750.00(T)			2,493.00			2,750.00(T)
H.2.3		Virtual collocation - floor space per square feet	3.20(T)		3.85			3.20(T)		
H.2.4		Virtual collocation - floor space power, per ampere	3.48(T)		7.75			3.48(T)		
H.2.5		Virtual collocation - cable support structure, per entrance cable	13.35(T)		21.79			13.35(T)		
H.2.6		Virtual collocation - 2-wire cross connects			.1219		42.97 40.38	.1219	42.97 40.38	47.05 44.46
H.2.7		Virtual collocation - 4-wire cross connects			.2439		42.88 40.21	.2439	42.88 40.21	46.91 44.24
H.2.8		Virtual collocation - DS1 cross connects	7.50 (T)	155.00(T) 14.00(T)	1.32		72.49 52.29	7.50 (T)		155.00(T) 14.00(T)
H.2.9		Virtual collocation - DS3 cross connects	56.25(T)	151.90(T) 11.83(T)	16.84		71.29 50.63	56.25(T)		151.90(T) 11.83(T)
H.2.10		Virtual collocation - security escort - basic, per 1/2 hour & additional 1/2 hour		41.00(T) 25.00(T)			43.33 25.74			41.00(T) 25.00(T)
H.2.11		Virtual collocation - security escort, overtime, per 1/2 hour & additional 1/2 hour		48.00(T) 30.00(T)			55.06 32.69			48.00(T) 30.00(T)
H.2.12		Virtual collocation - security escort, premium, per 1/2 hour & additional 1/2 hour		55.00(T) 35.00(T)			66.80 39.64			55.00(T) 35.00(T)
I.0	11	Service Provider Number Portability								
I.1		<i>Service Provider Number Portability - remote call forwarding</i>								

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Mississippi Rate and Cost Analysis

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)		Recurring	Non-Recurring(A)		
I.1.1		Service provider number portability - remote call forwarding, per number ported, residential			2.72		.7095	.7095	2.72	.7095	.7095
I.1.1		Service provider number portability - remote call forwarding, per number ported, business			2.72		.7095	.7095	2.72	.7095	.7095
I.1.2		Service provider number portability - remote call forwarding, per additional path			.4535				.4535		
I.1.3		Service provider number portability - remote call forwarding, per service order, per end-user location					5.53	46.42		5.53	46.42
							5.53	46.42		5.53	46.42
I.2	11	Service Provider Number Portability - DID									
I.2.1		Service provider number portability - DID per number ported, residence					2.27	2.27		2.27	2.27
I.2.2		Service provider number portability - DID per number ported, business					2.27	2.27		2.27	2.27
I.2.3		Service provider number portability - DID per service order, per location					5.53	46.42		5.53	46.42
							5.53	46.42		5.53	46.42
I.2.4		Service provider number portability - DID per trunk termination, initial			15.74		219.54	219.54	15.74	219.54	219.54
I.2.5		Service provider number portability - DID per trunk termination, subsequent			15.74		74.17	74.17	15.74	74.17	74.17
J.2	3	Access to Poles, Ducts, Conduits and Rights-of-Way									

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Mississippi Rate and Cost Analysis

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)	
J.2.1		Access to poles, per foot, per year	4.89 ^(FCC)		20.67			4.89	
J.2.2		Access to conduits, per foot, per year	2.50 ^(GSST)		.6438091			2.50	
J.2.3		Access to Innerduct, per foot, per year			.5412804				
K.0		Advanced Intelligent Network (AIN) Services							
K.1		<i>BellSouth AIN SMS Access Service</i>							
	Multiple	Access to AIN (SCE/SMS)							
K.1.1		AIN SMS access service - service establishment, per state, initial setup					298.18		298.18
K.1.2		AIN SMS access service - port connection - dial/shared access					87.84		87.84
K.1.3		AIN SMS access service - port connection - ISDN access					87.84		87.84
K.1.4		AIN SMS access service - user identification codes - per user ID code					203.58		203.58
K.1.5		AIN SMS access service - security card, per user ID code, initial or replacement					173.03		173.03
K.1.6		AIN SMS access service - storage, per unit (100 kilobytes)			.0035			.0035	
K.1.7		AIN SMS access service - session, per minute			.1182137			.1182137	
K.1.8		AIN SMS access service - company performed session, per minute			2.08			2.08	
K.2		<i>BellSouth AIN Toolkit Service</i>							
K.2.1		AIN toolkit service - service establishment charge, per state, initial setup					293.39		293.39

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Mississippi Rate and Cost Analysis

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			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)		
K.2.2		AIN toolkit service - training session, per customer					8,344.00			8,344.00
See K.2.3 - K.2.8		Trigger Activation								
K.2.3		AIN toolkit service - trigger access charge, per trigger, per DN, term, attempt					73.47			73.47
K.2.4		AIN toolkit service - trigger access charge, per trigger, per DN, off-hook delay					73.47			73.47
K.2.5		AIN toolkit service - trigger access charge, per trigger, per DN, off-hook immediate					73.47			73.47
K.2.6		AIN toolkit service - trigger access charge, per trigger, per DN, 10-digit PODP					151.21			151.21
K.2.7		AIN toolkit service - trigger access charge, per trigger, per DN, CDP					151.21			151.21
K.2.8		AIN toolkit service - trigger access charge, per trigger, per DN, Feature Code					151.21			151.21
K.2.9		AIN toolkit service - query charge, per query			.0309761			.0309761		
K.2.10		AIN toolkit service - type 1 node charge, per AIN toolkit subscription, per node, per query			.0078952			.0078952		
See K.2.11-K.2.15		SCP Storage and Report								
K.2.11		AIN toolkit service - SCP storage charge, per SMS access account, per 100 kilobytes			2.16			2.16		

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BellSouth Telecommunications, Inc.
 MPSC Docket No. 97-AD-544
 Exhibit AIV-2

Mississippi Rate and Cost Analysis

Cost Ref. #	✓ list Item	Rate Element	Current Rates		Cost			Proposed Rate		
			Recurring	Non-Recurring	Recurring	Non-Recurring(A)	Recurring	Non-Recurring(A)		
K.2.12		AIN toolkit service - monthly report - per AIN toolkit service subscription			15.96		72.66	15.96		72.66
K.2.13		AIN toolkit service - special study - per AIN toolkit service subscription, per study			.0991507		47.63	.0991507		47.63
K.2.14		AIN toolkit service - call event report - per AIN toolkit service subscription			15.86		72.66	15.86		72.66
K.2.15		AIN toolkit service - call event special study - per AIN toolkit service subscription			.0033050		47.63	.0033050		47.63

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EXCHANGE PORTS WITH VERTICAL FEATURES INCLUDED

Cost Ref. #	2-Wire Analog	4-Wire Analog	4-Wire Coin	2-Wire ISDN (BRI)	4-Wire ISDN (PRI)	2-Wire DID	4-Wire DID
B.1.1	x						
B.1.2		x					
B.1.3						x	
B.1.4							x
B.1.5				x			
B.1.6					x		
B.1.8			x				
B.2.1	x	x		x			
B.2.2	x	x		x			
B.2.3	x	x					
B.2.4	x	x					
B.2.5	x	x					
B.2.6	x	x		x			
B.2.7	x	x		x			
B.2.8	x	x					
B.2.9	x	x		x			
B.2.10	x	x		x			
B.2.11	x	x		x			
B.2.12	x	x		x			
B.2.13	x	x		x			
B.2.15	x	x		x			
B.2.16	x	x		x			
B.2.17	x	x		x			
B.2.18	x	x		x			
B.2.20	x	x		x			
B.2.21	x	x		x			
B.2.22	x	x		x			
B.2.23	x	x		x			
B.2.24	x	x					
B.2.25				x			
B.2.26				x			
B.2.27				x			
B.2.28					x		
B.2.29				x			
B.2.30				x			
B.2.31				x			
B.2.32	x	x					
B.2.33	x	x		x			
B.2.34				x			
B.2.35				x			
B.2.36				x			
B.2.37				x			
B.2.39							
B.2.40							
RATES:							
Monthly	10.87	19.01	3.17	65.11	313.65	16.66	177.20
NRC							
Elec. 1 st	65.78	65.01	29.19	112.70	321.77	96.58	131.08
Elec. Add'l	65.78	65.01	29.19	112.70	321.77	96.58	84.07
Manual 1 st	106.43	103.76	69.56	176.80	380.13	137.28	171.77
Manual Add'l	77.28	76.51	40.69	176.80	380.13	108.08	95.57

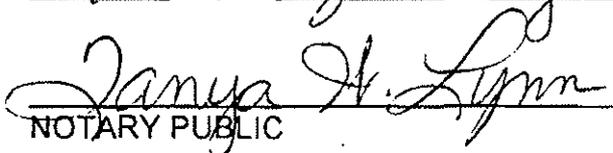
STATE OF FLORIDA)
)
)
COUNTY OF LEON)

BEFORE ME, the undersigned authority, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Alphonso J. Varner, who, being by me first duly sworn deposed and said that:

He is appearing as a witness on behalf of BellSouth Telecommunications, Inc., before the Mississippi Public Service Commission in Docket No. 97-UN-544, Generic Proceeding to Establish Permanent Prices for BST Interconnection and Unbundled Network Elements, and if present before the Commission and duly sworn, his testimony would be set forth in the annexed transcript consisting of 56 pages and 2 exhibits.


Alphonso J. Varner

SWORN TO AND SUBSCRIBED BEFORE ME this
27th day of January, 1998.


NOTARY PUBLIC



Tanya W. Lynn
MY COMMISSION # CC673581 EXPIRES
September 8, 2001
BONDED THRU TROY FAY INSURANCE, INC.

EXHIBIT K

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EXHIBIT L

Location: Hwy 27, 4 and 5 spans N of Welcome Rd

SPAN 4

SPAN 5

Neutral

$$SAG = \frac{21'2'' + 27'3''}{2} - 24'9'' = 22'5''$$

$$CATV = 24'3'' - 22'5'' = 1'10''$$

$$SAG = \frac{20'1'' + 25'7''}{2} - 17'0'' = 17'0''$$

$$AT\&T = 22'10'' - 17'0'' = 5'10''$$

Fiber Optic
Cable Goes

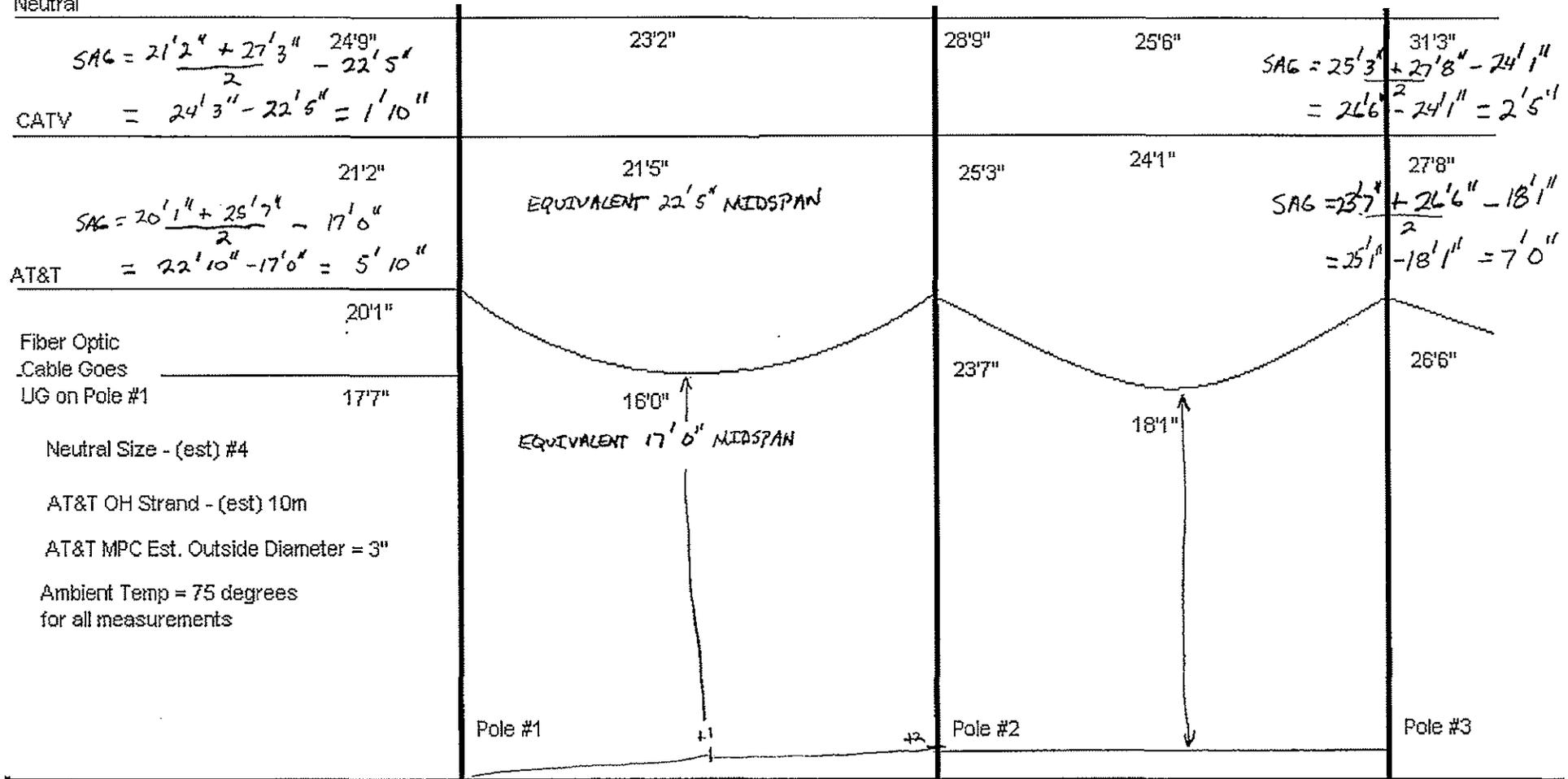
UG on Pole #1

Neutral Size - (est) #4

AT&T OH Strand - (est) 10m

AT&T MPC Est. Outside Diameter = 3"

Ambient Temp = 75 degrees
for all measurements



Span Length = 85 yards

Span Length = 88 yards

Base Level

0

+1

+1

0

0

PoleForeman

Monday, April 21, 2008

ANALYSIS DATA

Pole: 40/5

Horizontal Loading:

Vertical Loading:

Loading District: Medium

72% (250B)

60% (250B)

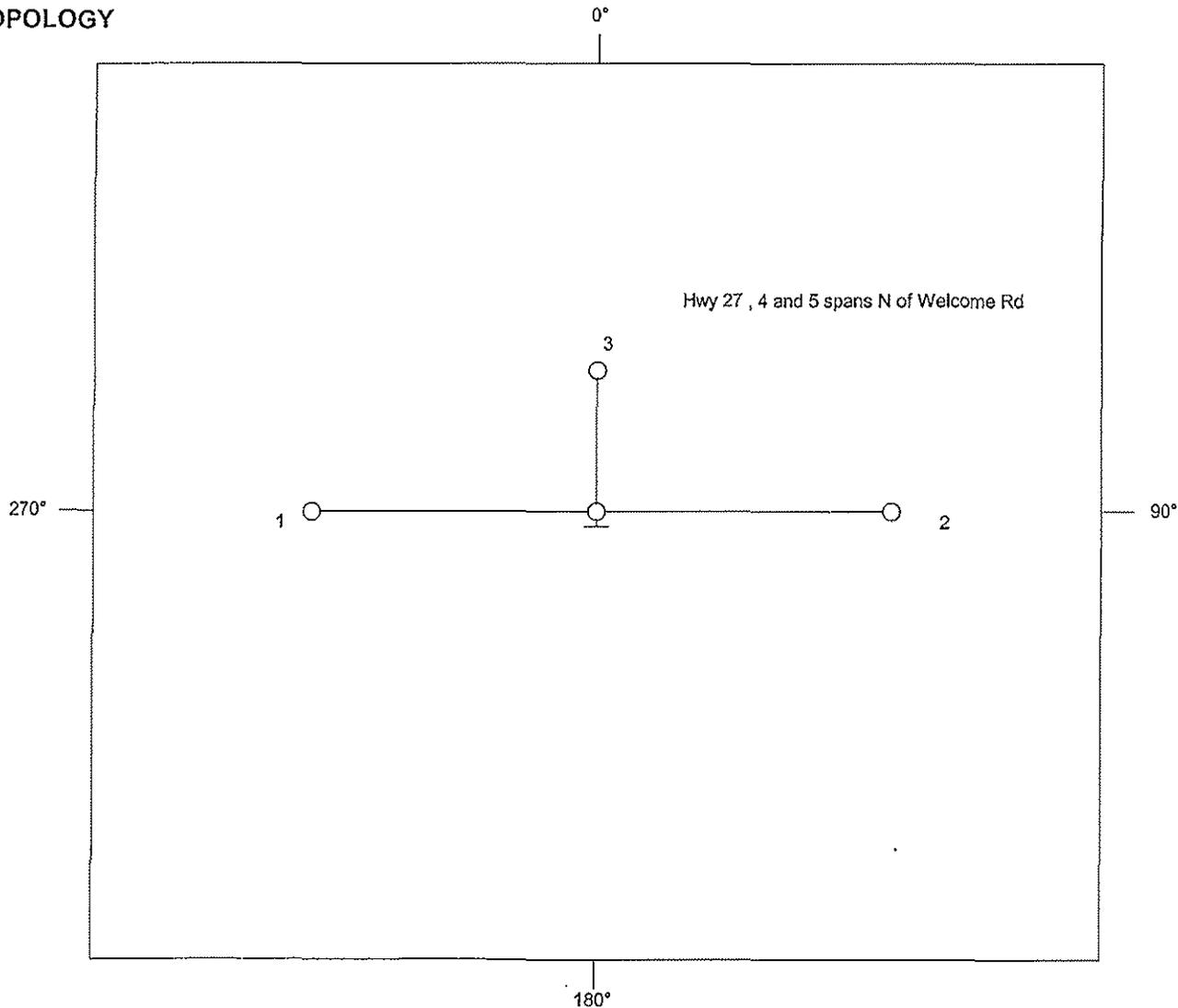
Construction Grade: Grade C (Elsewhere)

Rule 250B Loading: Wind (psf): 4 Ice (in): 0.25

POLES

<u>Pole</u>	<u>Length (ft)</u>	<u>Depth (ft)</u>	<u>Elevation (ft)</u>
0	40	6	0
1	40	6	0
2	40	6	2
3	40	6	0

TOPOLOGY



PoleForeman

Monday, April 21, 2008

SPANS

Span: 1 Span Length (ft): 255 Direction: 270°

Circuit: 1

Primary	Ruling Span (ft)	Offset (in)	Attach A (in)	Attach B (in)	Ten (250B)	Ten (250C)	Ten (250D)
#1/0 ACSR (6/1)	260	30	10	10	1578.8		
#1/0 ACSR (6/1)	260	0	-3	-3	1578.8		
#1/0 ACSR (6/1)	260	-30	10	10	1578.8		

Neutral

#2 ACSR (6/1)	260	0	63	63	1170		
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Joint Use	Diameter (in)	Weight (lbs/ft)	Attach A (in)	Attach B (in)	Tension (lbs)	Sag (in)
JU Cable 1	2.852	3.935	125	125	6351	67
JU Cable 2	0.83	0.229	105	105	1740	18

Span: 2 Span Length (ft): 264 Direction: 90°

Circuit: 1

Primary	Ruling Span (ft)	Offset (in)	Attach A (in)	Attach B (in)	Ten (250B)	Ten (250C)	Ten (250D)
#1/0 ACSR (6/1)	260	30	10	10	1578.8		
#1/0 ACSR (6/1)	260	0	-3	-3	1578.8		
#1/0 ACSR (6/1)	260	-30	10	10	1578.8		

Neutral

#2 ACSR (6/1)	260	0	63	63	1170		
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Joint Use	Diameter (in)	Weight (lbs/ft)	Attach A (in)	Attach B (in)	Tension (lbs)	Sag (in)
JU Cable 1	2.852	3.935	125	125	5851	80
JU Cable 2	0.83	0.229	105	105	1618	23

Span: 3 Span Length (ft): 142 Direction: 0°

Circuit: 1

Primary	Ruling Span (ft)	Offset (in)	Attach A (in)	Attach B (in)	Ten (250B)	Ten (250C)	Ten (250D)
#1/0 ACSR (6/1)	200	0	27	27	1444		

Neutral

#2 ACSR (6/1)	200	0	63	63	1052		
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GUY STRAND DATA

Anchor	Strand	Attach	Length	Direction	Tension	Strength	Loading	NESC Rule
1	3/8" HS	36"	15'	180°	8,473	9,720	87%	250B

ANCHOR DATA

Anchor	Rod	Anchor	Soil	Tension	Rod Strength	Anchor Strength
1	None	None	None	8,473	0	0

ARM / BRACKET DATA

Arm/Bracket	Attach	Vert Loading	Horz Loading
18" Steel PTP	9"	4% (250B)	5% (250B)
60" 2Ø FG 2.0"	24"	7% (250B)	5% (250B)
Spool Rack	63"		

INSULATORS

Insulator	Attach	Loading	Angle
15KV Pin	9"	6% (250B)	0°
15KV Pin	24"	6% (250B)	0°
15KV Pin	24"	6% (250B)	0°
15KV Dead End	27"	19% (250B)	0°
Spool	63"	5% (250B)	0°

PoleForeman

Monday, April 21, 2008

ANALYSIS DATA

Pole: 40/5

Horizontal Loading:

Vertical Loading:

Loading District: Medium

34% (250B)

51% (250B)

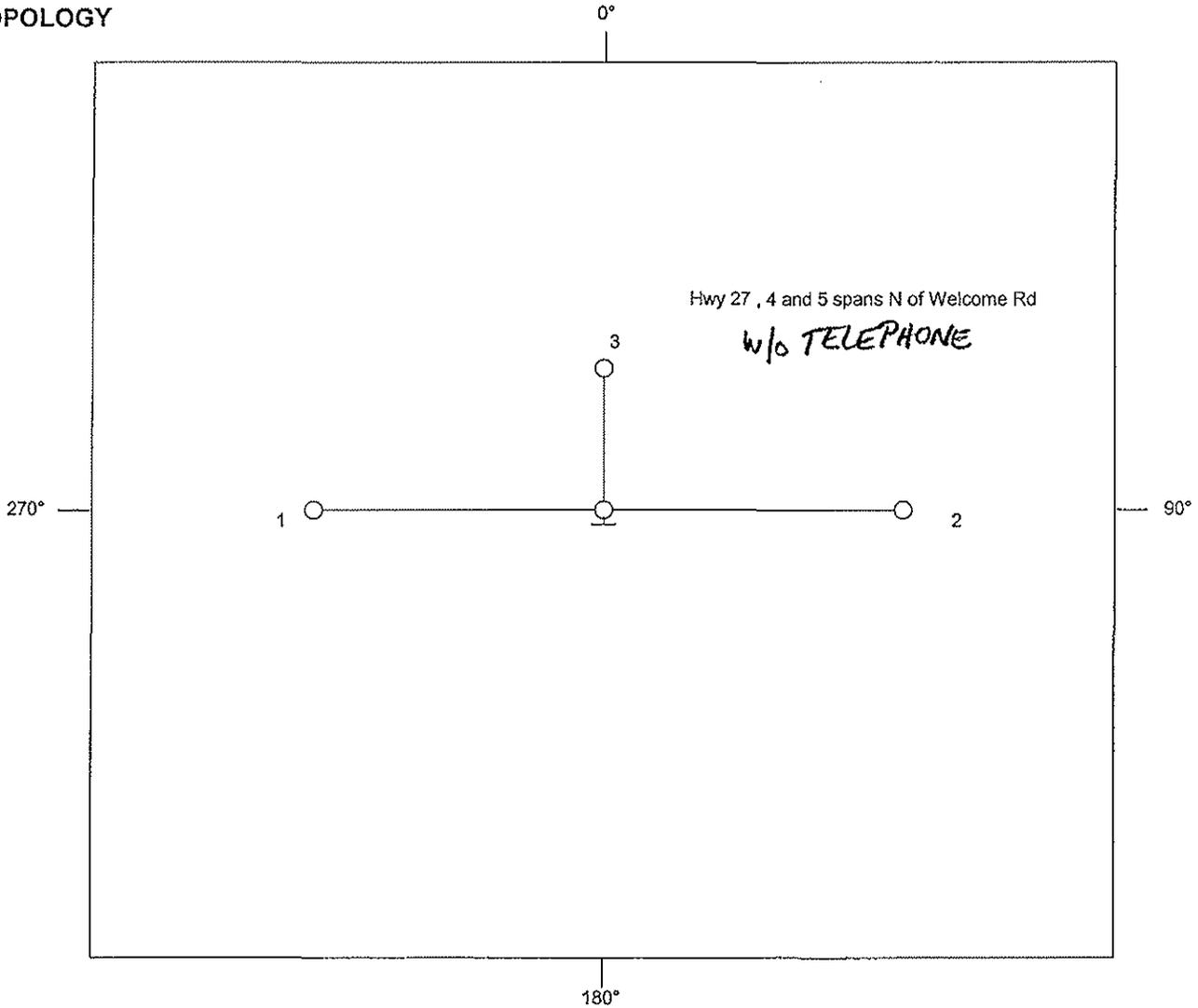
Construction Grade: Grade C (Elsewhere)

Rule 250B Loading: Wind (psf): 4 Ice (in): 0.25

POLES

Pole	Length (ft)	Depth (ft)	Elevation (ft)
0	40	6	0
1	40	6	0
2	40	6	2
3	40	6	0

TOPOLOGY



PoleForeman

Monday, April 21, 2008

SPANS

Span: 1 Span Length (ft): 255 Direction: 270°

Circuit: 1

Primary	<u>Ruling Span (ft)</u>	<u>Offset (in)</u>	<u>Attach A (in)</u>	<u>Attach B (in)</u>	<u>Ten (250B)</u>	<u>Ten (250C)</u>	<u>Ten (250D)</u>
#1/0 ACSR (6/1)	260	30	10	10	1578.8		
#1/0 ACSR (6/1)	260	0	-3	-3	1578.8		
#1/0 ACSR (6/1)	260	-30	10	10	1578.8		

Neutral

#2 ACSR (6/1)	260	0	63	63	1170		
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Joint Use

<u>JU Cable 1</u>	<u>Diameter (in)</u>	<u>Weight (lbs/ft)</u>	<u>Attach A (in)</u>	<u>Attach B (in)</u>	<u>Tension (lbs)</u>	<u>Sag (in)</u>
JU Cable 1	0.83	0.229	125	125	1740	18

Span: 2 Span Length (ft): 264 Direction: 90°

Circuit: 1

Primary	<u>Ruling Span (ft)</u>	<u>Offset (in)</u>	<u>Attach A (in)</u>	<u>Attach B (in)</u>	<u>Ten (250B)</u>	<u>Ten (250C)</u>	<u>Ten (250D)</u>
#1/0 ACSR (6/1)	260	30	10	10	1578.8		
#1/0 ACSR (6/1)	260	0	-3	-3	1578.8		
#1/0 ACSR (6/1)	260	-30	10	10	1578.8		

Neutral

#2 ACSR (6/1)	260	0	63	63	1170		
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Joint Use

<u>JU Cable 1</u>	<u>Diameter (in)</u>	<u>Weight (lbs/ft)</u>	<u>Attach A (in)</u>	<u>Attach B (in)</u>	<u>Tension (lbs)</u>	<u>Sag (in)</u>
JU Cable 1	0.83	0.229	125	125	1618	23

Span: 3 Span Length (ft): 142 Direction: 0°

Circuit: 1

Primary	<u>Ruling Span (ft)</u>	<u>Offset (in)</u>	<u>Attach A (in)</u>	<u>Attach B (in)</u>	<u>Ten (250B)</u>	<u>Ten (250C)</u>	<u>Ten (250D)</u>
#1/0 ACSR (6/1)	200	0	27	27	1444		

Neutral

#2 ACSR (6/1)	200	0	63	63	1052		
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GUY STRAND DATA

<u>Anchor</u>	<u>Strand</u>	<u>Attach</u>	<u>Length</u>	<u>Direction</u>	<u>Tension</u>	<u>Strength</u>	<u>Loading</u>	<u>NESC Rule</u>
1	3/8" HS	36"	15'	180°	7,689	9,720	79%	250B

ANCHOR DATA

<u>Anchor</u>	<u>Rod</u>	<u>Anchor</u>	<u>Soil</u>	<u>Tension</u>	<u>Rod Strength</u>	<u>Anchor Strength</u>
1	None	None	None	7,689	0	0

ARM / BRACKET DATA

<u>Arm/Bracket</u>	<u>Attach</u>	<u>Vert Loading</u>	<u>Horz Loading</u>
18" Steel PTP	9"	4% (250B)	5% (250B)
60" 2Ø FG 2.0"	24"	7% (250B)	5% (250B)
Spool Rack	63"		

INSULATORS

<u>Insulator</u>	<u>Attach</u>	<u>Loading</u>	<u>Angle</u>
15KV Pin	9"	6% (250B)	0°
15KV Pin	24"	6% (250B)	0°
15KV Pin	24"	6% (250B)	0°
15KV Dead End	27"	19% (250B)	0°
Spool	63"	5% (250B)	0°