Document No. 1

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FPSC-RECORDS/REPORTING

Memorandum

To:

Darrell Kelley

From:

Joe Wareham

Date:

June 29, 1993

Subject:

Competitive Pricing Analysis

Per your request to Alan Sykes, attached is the Competitive Pricing Analysis with Ohio included. Information for Indiana is not available at this time. We will be preparing the analysis for all states in order of size, so it will be probably a couple of weeks before Indiana is completed. Embedded direct cost data was not available for Ohio so a graph of EDC by service like the one Alan distributed for Florida and Nevada could not be developed. This package also includes backup material and a listing of our assumptions.

If you or your people have any questions about this material, please call me at 913-624-3592 or Mike Hunsucker at 913-624-3968.

COMPETITIVE PRICING ANALYSIS

June 1993

CONFIDENTIAL

A

FLORIDA

NEVADA ○ OHIO

A. 1992 Annual Revenue - Total 1992 Annual Revenue - Interstate Access Less: Interstate RIC 456 Interstate Special Access Competitive Impact Interstate Switched Access Competitive Impact Total 7 % of Interstate Access 8 C. 1992 Annual Revenue - Intrastate Access Intrastate RIC 10 Intrastate Mirroring of Current Interstate Rates 11 Intrastate Special Access Competitive Impact 12 Intrastate Switched Access Competitive Impact 13 Total 14 % of intrastate Access 15 D. 1992 Annual Revenue - IntraLATA MTS Less: IntraLATA MTS Competitive Impact 16

19 E. Summary

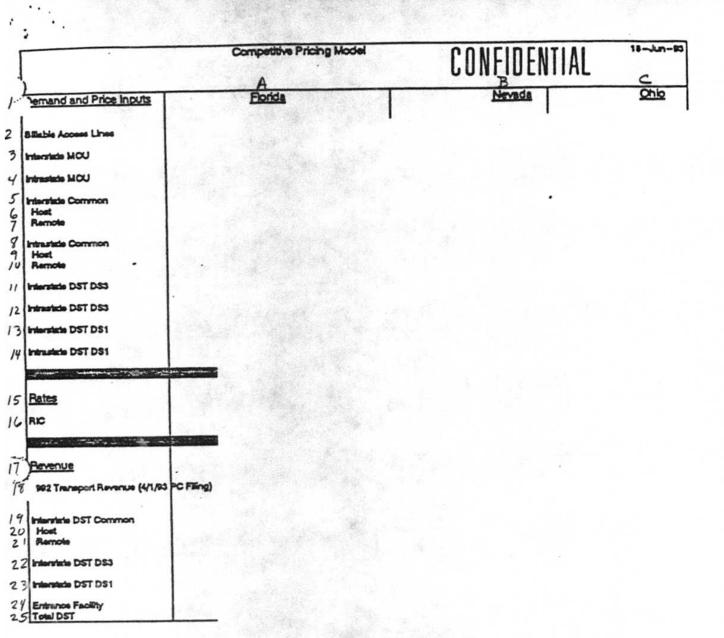
17

18

20 Interstate Access Revenue Intrastate Access Revenue IntraLATA MTS
23 Total
24 % of Total Rew nue
25 1992 Billable Access Lines
26 Revenue per Access Line

Total

% of IntraLATA MTS



Competitive Pricing Model 18-An-03 Florida Ohio Interstate Revenue (YESZ) Any Rep/Certal T Rep) End User Charge 3 Carrier Common Line Switched 5678 **Buttching** into Surcharge Misc. 10 - ---12 Primateta Revenue (192) 13 Rev RepiCental T Rep) End User Charge Carrier Common Line Switching into Surpharge 20 Misc. 2 | Special Access
2 2 Total Programme WATR Impact
(Rev Rep/Cental T Rep/Km's) 25 End User (26 Carrier Cor. 27 Switched 38 Settching 29 Transport 30 RIC End User Charge Carrier Common Line 31 Into Surpharge Bacopy 72 33 Misc. Special Access Total A SECOND COMPANY OF THE PROPERTY OF THE PROPER Intrastate Revenue WATR Impact (Rev Rep/Cernal 'T' Rep/Kim's) End User Charge Cerrier Common Line **Burliched Switching** 41 Transport 42 43 44 45 RIC Info Surcharge Misc. Intrastate Revenue Mirroring Interstate Rev Rep/Contel T' Rep/Kim's) 50 50 End User Charge Cerrier Common Line **Burkshed Burkshing** 53 Transport RIC 55 Into 8 55 Minc. 57 Specie Info Burcharge Special Acce

59 Difference from OutremUTR

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)	Proposed Annual DS1 Revenue			
1	Revenue Difference .			
100	Intrastate Special Access Comp Impas	•		
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ı	Proposed Annual DS1 Revenue			
2	Revenue Difference			
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4			1	
4	Interstate Current Composite Rate		1	
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9	Interstate Proposed Rate		C 004	
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333				
313	brienstate Difference trinustate Difference Total Difference			
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3	8 InsulaTA MOUS			
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4	(3 Revenue Difference			

COMPETITIVE PRICING ANALYSIS

Basic Methodology and Assumptions
June 1993

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Basic Methodology and Assumptions
June 1993

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30

COMPETITIVE PRICING ANALYSIS EXECUTIVE OVERVIEW OF ASSUMPTIONS

UNITED TELEPHONE OF FLORIDA COMPETITIVE PRICING ANALYSIS

FLORIDA

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2 A. 1992 Annual Revenue - Total
    B. 1992 Annual Revenue - Interstate Access
                               Interstate RIC
 567
                               Interstate Special Access Competitive Impact
                               Interstate Switched Access Competitive Impact
                               Total
                               % of Interstate Access
 9 C. 1992 Annual Revenue - Intrastate Access
 10
                               Intrastate RIC
 11
                               Intrastate Mirroring of Current Interstate Rates
                               Intrastate Special Access Competitive Impact
 12
                               Intrastate InterLATA Switched Competitive Impact
 13
 145
                               Intrastate IntraLATA Switched Competitive Impact
                               Total
                               % of Intrastate Access
17 D. 1992 Annual Revenue - IntraLATA MTS
                              IntraLATA MTS Competitive Impact
 18
  19
                               Total
                              % of IntraLATA MTS
21 E Summery
       Interstate Access Revenue
23
       Intrastate Access Revenue
 24
       IntraLATA MTS
 25
       Total
```

% of Total Revenue

27 1992 Year End Access Lines

29 Revenue per Access Line per Month

 \mathcal{B}

Intrastate Revenue W/LTR Impact

Florida

End User Charge

Cerrier Con mon Line Switched

Switching Transport

RIC

Info Surcharge

Misc.

Special Access

Total

Intrastate Rev Mirroring Interstate

Intrastate Switched Usage

Interstate Switched Rate (less RIC) Intrastate Switched Rate (less RIC)

% Difference

Revenue Difference

Interstate Revenue (YE92)

End User Charge

Carrier Common Line Usage
Carrier Common Line Other

5 Switched

6 Switching

7 Transport

8 Info Surcharge

9 Misc.

10 Special Access

// Total

/2 Intrastate InterLATA Revenue (YE92)

/3 End User Charge

/ Carrier Common Line

15 Switched

16 Switching

/7 Transport

/8 Info Surcharge

19 Misc.

20 Special Access

2/ Total

22 Interstate Revenue W/LTR Impact

23 End User Charge

24 Carrier Common Line Usage

25 Carrier Common Line Other -

24 Switched

27 Switching

2 % Transport

29 RIC

30 Info Surcharge

3/ Misc.

32 Special Access

23Total

UNITED TELEPHONE OF FLORIDA COMPETITIVE PRICING ANALYSIS

A

22-Oct-93

B

Florida

1	Interstate Special Access Comp Impact	Florida
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10	Current Annual DS1 Revenue	
12	Proposed Annual DS1 Revenue	
-	Revenue Difference	
17	Intrastate Special Access Comp Impact	
20 21 23 23	DS1 Zone 1 Quantity DS1 Zone 2 Quantity DS1 Zone 3 Quantity DS1 Current Price DS1 Zone 1 Proposed Price DS1 Zone 2 Proposed Price (DS1 Zone 3 Proposed Price	
2:	Current Annual DS1 Revenue	
25	7 7 Proposed Annual DS1 Revenue	
2.9	Revenue Difference	
30	IntraLATA MTS Competitive Impact	
31	IntraLATA MTS Revenue	
	Current intraLATA MTS rate Proposed intraLATA MTS rate	
34	% Difference	

CO35 Revenue Difference

Interstate Switched Usage Rev (less RIC) Intrastate Switched Usage Rev (less RIC) Interstate Switched Composite Rate

Switched Access Competitive Impact

Interstate Proposed Rate

% Price Change

Interstate Proposed Rev Intrastate Proposed Rev **Total Proposed Rev**

Interstate Difference Intrastate Difference Revenue Difference

IntraLATA Access Competitive Impact

Intrastate IntraLATA Access Rev

Intrastate IntraLATA Access Rate

Intrastate Proposed Rate

% Price Change Proposed IntraLATA Access Revenue

Intrastate IntraLATA Difference

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UNITED TELEPHONE OF FLORIDA COMPETITIVE PRICING ANALYSIS INPUTS

FLORIDA INPUT 92 Year end access lines Interstate MOU Intrastate MOU Interstate RIC Rev Interstate Transport Rev Intrastate Ric Rev Intrastate Transport Rev Interstate RIC Intrastate RIC 12 Interstate End User Charge /3 Interstate CCL Usage 14 Interstate CCL other 15 Interstate Switching // Interstate Transport /7 Interstate Info Surcharge / 8 Interstate Misc 17 Interstate Special Access 2o 1992 Interstate Rev 22 Intrastate End User Charge 13 Intrastate CCL 24 Intrastate Switching 2.5 Intrastate Transport z 6 Intrastate Info Surcharge 27 Intrastate Misc 27 Intrastate Special Access 27 1992 Intrastate Rev >1 1992 Annual Rev 33 Interstate DS1 Qty-Zone 1 34 Interstate DS1 Qty-Zone 2 35 Interstate DS1 City-Zone 3 34 Current DS1 Svc Term Rate 37 Current DS1 Per Mile Rate 32 Current DS1 Fixed Rate

39 Interstate DS1 Current Rate

46 Interstate Zone 1 Rate

41 Interstate Zone 2 Rate
42 Interstate Zone 3 Rate

INPUT FLORIDA

Current Local Transport Rate Current Local Switching Rate Current Info Surch Rate Current Orig CCL Current Term CCL Interstate Switch Comp Rate Interstate Switch Prop Rate

Intrastate DS1 Qty-Zone 2

Intrastate DS1 City-Zone 3 Current DS1 Svc Term Rate

Current DS1 Per Mile Rate

Intrastate DS1 Current Rate

Current DS1 Fixed Rate

Intrastate Zone 1 Rate

Intrastate Zone 2 Rate

Intrastate Zone 3 Rate

Current IntraLATA Rate Proposed IntraLATA Rate 1992 IntraLATA MTS Rev % MTS Revenue Operator

IntraLATA CCLC
IntraLATA Switching
IntraLATA Transport
IntraLATA Info Surch
IntraLATA Misc
IntraLATA Acc Rev
1993 Estimated Acc Rev

Current Local Transport Rate
Current Local Switching Rate
Current Info Surch Rate
Current Orig CCL
Current Term CCL
Line Termination
BHMOC
Intrastate Switch Comp Rate
Intrastate Switch Prop Rate

CONFIDENTIAL

COMPETITIVE PRICING ANALYSIS

19

TOTAL A

A

FLORIDA (C)

ı				FLORIDA (U)
2	A.	1992 Annual Revenue - Total		
3	B.	1992 Annual Revenue - Interst	ate Access	
4 6 7 8		Less:	Interstate RIC Interstate Special Access Competitive Impact Interstate Switched Access Competitive Impact Total % of Interstate Access	
9	c.	1992 Annual Revenue - Intrast	ate Access	
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17	D.	1992 Annual Revenue - IntraLi	ATA MTS	
/8 19 20		Less:	IntraLATA MTS Competitive Impact Total % of IntraLATA MTS	
2.1	E	Summary .	-	
12 23 24 25 26		Interstate Access Revenue Intrastate Access Revenue IntraLATA MTS Total % of Total Revenue 1992 Year End Access Lines	% of IntraLATA MTS	
28	1	Revenue per Access Line per Monti		

Florida (U) Florida (C)

Intrastate Rev W/LTR Impact

End User Charge

Info Surcharge

Special Access

Switched

RIC

Misc.

Total

Switching

Transport

Carrier Common Line

C Florida (U)

Florida (C)

CONFIDENTIAL

End User Charge

Carrier Common Line Usage

Interstate Revenue (YE92)

Carrier Common Line Other

Switched

Switching

Transport

Info Surcharge

Misc.

Special Access

Total

Intrastate InterLATA Rev (YE92)

13 End User Charge

// Carrier Common Line

15 Switched

Switching

Transport

Info Surcharge

19 Misc.

2º Special Access

2 / Total

12 Interstate Revenue W/LTR Impact

2 3 End User Charge

24 Carrier Common Line Usage

25 Carrier Common Line Other

2 & Switched

27 Switching

28 Transport

21 RIC

30 Info Surcharge

31 Misc.

32 Special Access

33 Total

Intrastate Rev Mirror Interstate

Intrastate Switched Usage

Interstate Switched Rate (less RIC) Intrastate Switched Rate (less RIC)

% Difference

Revenue Difference

SPRINT LTD - FLORIDA COMPETITIVE PRICING ANALYSIS

	4	2		_	D
Interstate Special Acc Comp Impact	A Florida (U)	B Florida (C)	Switched Access Comp Impact	Florida (U)	Florida (C)
2 DS1 Zone 1 Quantity 3 DS1 Zone 2 Quantity			Interstate Switched Usage Rev (less RIC) Intrastate Switched Usage Rev (less RIC)		
9 DS1 Zone 3 Quantity 5 DS1 Current Price			Interstate Switched Composite Rate		
DS1 Zone 1 Proposed Price DS1 Zone 2 Proposed Price DS1 Zone 3 Proposed Price			Interstate Proposed Rate .		
Q Current Annual DS1 Revenue			% Price Change		
12 Proposed Annual DS1 Revenue	·		Interstate Proposed Rev Intrastate Proposed Rev Total Proposed Rev		
14 Revenue Difference			Interstate Difference Intrastate Difference		
17 Intrastate Special Access Comp Imp			Revenue Difference		
18 DS1 Zone 1 Quantity 19 DS1 Zone 2 Quantity 20 DS1 Zone 3 Quantity 21 DS1 Current Price			IntraLATA Access Competitive Impact Intrastate IntraLATA Access Rev		
22 DS1 Zone 1 Proposed Price 23 DS1 Zone 2 Proposed Price 2 / DS1 Zone 3 Proposed Price			Intrastate IntraLATA Access Rate		
25 24 Current Annual DS1 Revenue			Intrastate Proposed Rate		
27 - 27 Proposed Annual DS1 Revenue			% Price Change Proposed IntraLATA Access Revenue		
2.9 Revenue Difference			Intrastate IntraLATA Difference		¢
30 IntraLATA MTS Competitive Impact					6
3 1 IntraLATA MTS Revenue					=
32 Current IntraLATA MTS rate 33 Proposed IntraLATA MTS rate					CONFIDE

% Difference

3.5 Revenue Difference

SPRINT LTD - FLORIDA COMPETITIVE PRICING ANALYSIS INPUTS

		A	В			C	D.
,	INPUT	FLORIDA (U)	FLORIDA (C)	INPUT		FLORIDA (U)	FLORIDA (C)
2	92 Year end access lines	1 COTTON TO	1 10 1 10 1	Intrastate DS1 Oty-Zone 1			
2	Interstate MOU			Intrastate DS1 Qty-Zone 2			
2	Intrastate MOU			Intrastate DS1 Qty-Zone 3			
1	Fillastate MOO			Current DS1 Svc Term Rate		1 .	
2	Interstate RIC Rev			Current DS1 Per Mile Rate		* 1	
7	Interstate Transport Rev			Current DS1 Fixed Rate		Î	
3				Intrastate DS1 Current Rate			
9	Intrastate Transport Rev			Intrastate Zone 1 Rate			
j				Intrastate Zone 2 Rate			
11				Intrastate Zone 3 Rate			
12	Interstate End User Charge			Current Local Transport Rate			
13				Current Local Transp (Facil)			
19		,		Current Local Switching Rate			
	Interstate Switching			Current Info Surch Rate			
	Interstate Transport			Current Orig CCL			
	7 Interstate Info Surcharge			Current Term CCL			
	Interstate Misc			Interstate Switch Comp Rate			
	1 Interstate Special Access			Interstate Switch Prop Rate			
,	2 1992 Interstate Rev						
1				Current IntraLATA Rate			
	2 Intrastate End User Charge			Proposed IntraLATA Rate		***	
	3 Intrastate CCL			1992 IntraLATA MTS Rev			
	4 Intrastate Switching			% MTS Revenue Operator			
	5 Intrastate Transport						
	6 Intrastate Info Surcharge			IntraLATA CCLC			
				IntraLATA Switching	5		
	7 Intrastate Misc			IntraLATA Transport			
	8 Intrastate Special Access			IntraLATA Info Surch	-		
	1 1992 Intrastate Rev			IntraLATA Misc	-		
	10			IntraLATA Acc Rev	-		
	1 1992 Annual Rev			1993 Estimated Acc Rev			
	12				CONFIDENTIAL		
3	3 Interstate DS1 Oty-Zone 1			Current Local Transport Rate	=		
	/ Interstate DS1 Oty-Zone 2			Current Local Switching Rate	=		
	5 Interstate DS1 Oty-Zone 3			Current Info Surch Rate	_		
	6 Current DS1 Svc Term Rate			Current Orig CCL			
	37 Current DS1 Per Mile Rate			Current Term CCL			
	38 Current DS1 Fixed Rate			Line Termination			
	7 Interstate DS1 Current Rate			ВНМОС			
	In Interestate Zone 1 Pate			Intrastate Switch Comp Rate			
DEC.	I Interstate Zone 2 Rate			Intrastate Switch Prop Rate			
4							

Response to Staff's 3rd Request for Production of Documents Request No. 8 United Telephone Co. of Florida Docket No. 940014-TL

Document No. 2

Response to Staff's 3rd Request for Production of Documents Request No. 10 United Telephone Co. of Florida Docket No. 940014-TL

Document No. 3

Response to Staff's 3rd Request for Production of Documents Request No. 10 United Telephone Co. of Florida Docket No. 940014-TL

UNITED'S RESPONSE TO STAFF'S THIRD POS. NO. 10

Attached are United's recently completed TransLink (DS-1) and LightLink (DS-3) incremental cost studies. These studies will be used on a going-forward basis to assist in rate design for both special access and private line facilities. The two services utilize similar facilities and the same cost study can be used in the future to help support both rate designs.

SPRINT UNITED TELEPHONE-FLORIDA

1994 LIGHTLINK INCREMENTAL COST STUDY

Costing and Special Studies

SPRINT/UNITED TELEPHONE-FLORIDA LIGHTLINK COST STUDY

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CHAPTER 8 - ANNUAL COST FACTORS

CHAPTER 9 - NONRECURRING COSTS

CHAPTER 10 - SUMMARY

CHAPTER 1

OVERVIEW

Definitions

LightLink is a high capacity private line service that allows an economical DS3 two-way transport SONET (Synchronous Optical Network) signal over single-mode fiber optic cables (4 fibers) to the customer site.

Components

LightLink service includes the following technical components:

- 1) Local Channel Provides a two-way transmission of an intact clear channel DS3 high capacity signal at 44.736 Mbps (Megabits per second) between the customer's premises and the local central office. The LightLink local channel uses SONET multiplexing techniques to provide a smooth transition to SONET networks in the near future.
- 2) Interoffice Channel Uses the existing DS3 high capacity fiber optic transmission facilities between local central offices. These facilities are protected with 1:1 channels and in many cases are transmitted over survivable routes.

3) <u>DS3/DS1 Multiplexing</u> - Multiplexing will be provided with a Northern Telecom M13 (DMT300) unit at a central office.

Optional Feature

The customer may purchase separately a 7 ampere rectifier or similar unit to provide 10 hours of emergency battery back-up in order to avoid service interruptions.

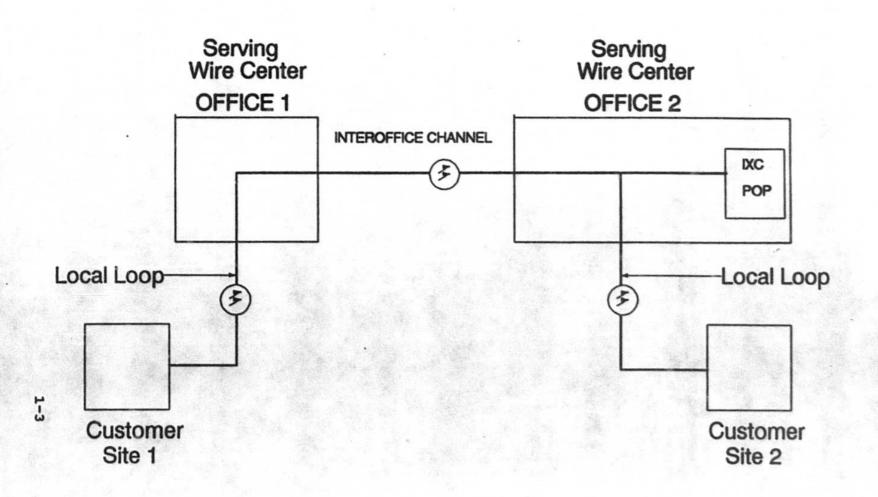
Additional Features

The LightLink DS3 local channel is configured to offer 1:1 automatic channel protection which is highly recommended for DS3 transmission.

The DS3/OC1 Fiber Loop Converter (FLC) unit used with LightLink has an adjustable artificial line build out network in the DS3 signal output to allow up to 450 feet separation between the FLC unit and the DSX-3/4 cross connect panel.

The DS3/OC1 FLC unit operates in an extended temperature environment and it accepts a 45 Mbps coaxial DS3 signal that is converted at the OC1 rate and transported over single-mode fibers up to 20 kilometers of local channel facilities.

SPRINT/UNITED TELEPHONE - FLORIDA LIGHTLINK



CHAPTER 2

FACILITIES AND EQUIPMENT

This section contains an outline of the facilities and equipment needed to provide a high capacity LightLink DS3 service to the customer premises over fiber optic cable. Drawings are included which show how the key technical components are configured to provide this digital dedicated high capacity service.

Summarized below are the major categories of facilities and equipment needed to provision LightLink service.

Local Channel

Loop

Fiber Optic Cable

Circuit Design

Circuit Equipment Digital and Fiber Optic Fiber Optic Cross Connect Panels

Interoffice Channel

Fiber Optic Cable

Buried

Underground

Circuit Equipment Digital and Fiber Optic

Multiplexing

Circuit Equipment Digital

DEFINITIONS

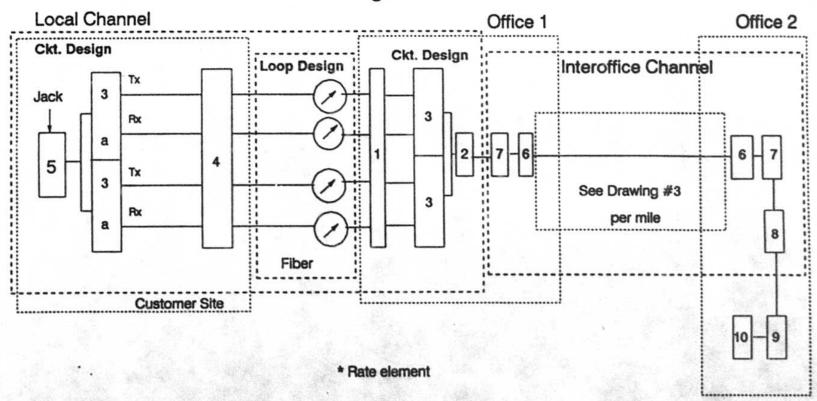
Local Channel (Drawing #2) Loop Design (fiber optic)

 Fiber Optic Cable - A single-mode fiber optic cable required to transport the protected SONET OCI (non-channelized DS3) signal to the customer site.

Circuit Design (Drawing #2)

- 1. <u>LST1U Fiber Cross Connect Panel</u> The LST1U is located at the central office main distribution frame. The LST1U is the optical interface device that connects the fiber from the customer site to the fiber from the Fiber Loop Converter (FLC) terminal shelf.
- DSX-3/4 Digital Cross Connect Panel An electrical digital DS3 level cross connect panel where the FLC is connected. The DSX-3/4 provides an easy access for administration of DS3 facilities.

Sprint/United Telephone - Florida LightLink



- * Local Channel
- 1. LST1U Fiber Cross Connect Panel
- 2. DSX-3/4 Digital Cross Connect Panel
- 3. Fiber Loop Converter Active and Protect
- 3a. Fiber Loop Converter Active and Protect
- 4. FIP Fiber Entrance Panel
- DSX-3/4 Cross Connect (MPOP)

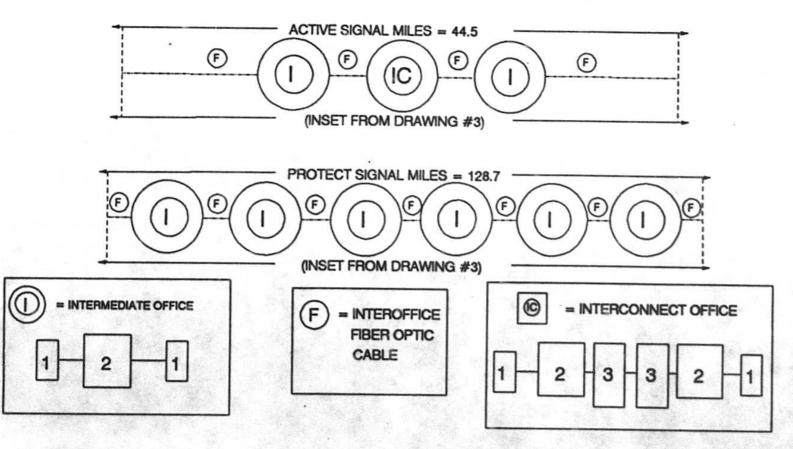
- * Interoffice Channel Fixed
- 6. ITS-2400 OC-48 FOT
- 7. DSX-3/4 Digital Cross Connect Panel
- * Multiplexing
- 8. DSX3/4 Dig. Cross Conn. Panel
- 9. M13 Multiplexer
- DSX1 CrossConnect Panel

- 3. <u>Fiber Loop Converter</u> A fiber optic transceiver designed for two way transport of a SONET OCI (non-channelized DS3) signal from a customer site to a serving central office. It is compatible with any FOT or multiplexer equipment.
- 4. <u>FIP Fiber Entrance Panel</u> The FIP is the device placed at the customer site to connect the fiber from the outside plant to the customer's FLC terminal shelf.
- 5. DSX-3/4 Customer Front Access MPOP An electrical coaxial DS3 access panel with jack where the customer connects his own equipment to the fiber loop converter.
 Interoffice Channel, Fixed (Drawing #2)
- ITS-2400 Fiber Optic Terminal (1:1 Protection) The ITS-2400 FOT is a high capacity OC-48 transmission system which transports 48 active and protected DS3 channels on a 2 fiber ring configuration.
- 7. DSX-3/4 Digital Cross Connect Panel An electrical digital DS3 level cross connect panel where the ITS-2400 is connected. The DSX-3/4 provides easy access for administration of DS3 facilities.

Multiplexing (Option)

- 8. DSX-3/4 Digital Cross Connect Panel An electrical digital DS3 level cross connect panel where the DMT300 multiplexer is connected to the ITS-2400 FOT. The DSX-3/4 provides easy access for administration of DS3 facilities.
- 9. M13 Multiplexer Has the capability to demultiplex a DS3 signal down to 28 DS1's or multiplex 28 DS1 signals into one DS3. DS3/DS1 multiplexing is a LightLink rate element option provisioned at a central office. DS3/DS1 multiplexing will not be provisioned by this tariff at the customer site.
- 10. DSX-1 Cross Connect Panel An electrical digital DS1 level cross connect panel required to access the 28 DS1 circuits from the DMT300 multiplexer. From this point on the customer may purchase TransLink and/or FlexLink services to forward the 28 DS1's to their final destination.

SPRINT/UNITED TELEPHONE - FLORIDA TYPICAL INTEROFFICE - PER MILE CONFIGURATION



LEGEND:

- 1. LSTIU FIBER CROSSCONNECT PANEL
- 2. ITS-2400 OC-48 2-FIBER OPTIC TERMINAL.
 - 3. DSX-3/4 DIGITAL CROSSCONNECT PANEL

MOISSION

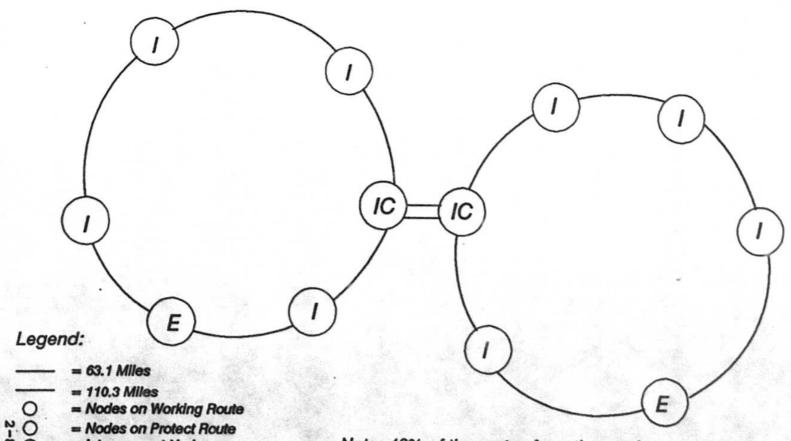
Interoffice Channel, Per Mile (Drawing #3)

- 1. LSTIU Fiber Cross Connect Panel Termination panel for the physical fiber optic cable in the central office. The LSTIU serves as an optical interface device between the fiber coming from the distant office and the fiber going to the fiber optic terminal (ITS-2400).
- 2. ITS-2400 Fiber Optic Terminal (1:1 Protection) The ITS-2400 FOT is a high capacity OC-48 transmission system. It transports 48 protected and active DS3 channels on a 2 fiber ring configuration.
- 3. DSX-3/4 Digital Cross Connect A digital DS3 level cross connect panel where the ITS-2400 is connected. The DSX-3/4 provides easy access for administration of DS3 facilities.

s Surmes

SPRINT/UNITED TELEPHONE-FLORIDA

TYPICAL INTEROFFICE ROUTE CONFIGURATION



= Interconnect Node

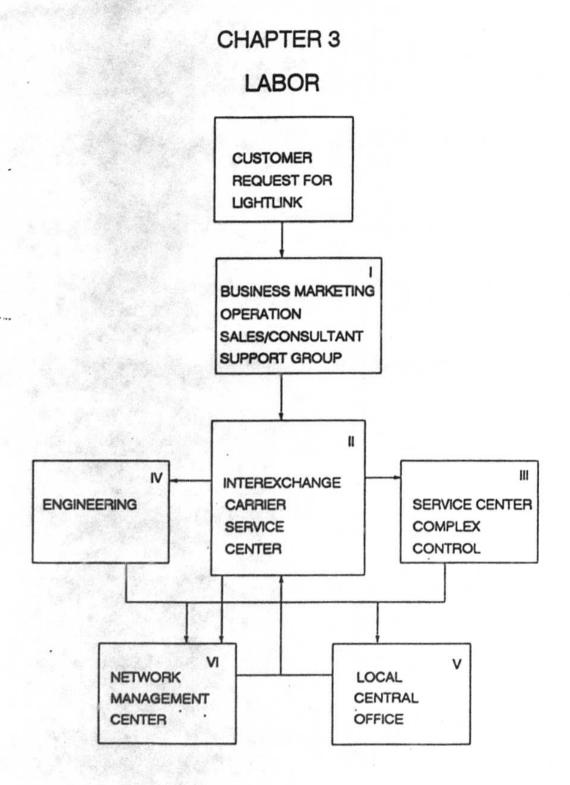
= End Office

= Intermediate Office

= Interconnect Office

Note: 48% of the routes from the random sample of Interoffice Routes were between a ring node and a pair gain or remote device.

LTLKVERT



- I. Business Markets Operations Sales/Consultant Support Group
 - A. For S/UTF LightLink Customers
 - Marketing Technical Support Consultant takes the following information from the LightLink customer to complete the Special Circuit Request (SCR Pages 3-9,10)
 - . Customer name and customer contact
 - . Customer location and telephone number
 - . Billing name and address
 - . Circuit location and requirements
 - . Service dates
 - 2. Business Markets Operations Sales/Consultant Support Group Representative sends SCR to our Interexchange Carrier Service Center (ICSC) and a copy is also forwarded to the Service Center/Complex Control.
 - 3. Business Markets Operations Sales/Consultant Support Group maintains a follow-up file for all LightLink circuits requested
 - Business Markets Operations Sales/Consultant Support
 Group receives completion dates from the Special
 Service Order Processing and Tracking System
 (SSOPATS)
 - Business Markets Operations Sales/Consultant Support
 Group places SCR in individual customer file

- Business Markets Operations Sales/Consultant Support
 Group representative initiates disconnect orders from
 records as required.
- II. Interexchange Carrier Service Center ICSC
 - A. The ICSC Service Representative processes the Special Circuit Request as follows:
 - . Checks for existing customer service
 - Establishes a circuit ID in Circuit Engineering
 Design and Reporting (CEDAR+) and/or changes the existing record
 - . Enters the SCR data in SSOPATS
 - Distributes orders to Message Assignments Engineering, NMC, LCO, and Complex Control via SSOPATS
 - B. The ICSC associate files and initiates all customer record folders and logs orders for jointly provided service with Southern Bell Company.
 - C. As required, an ICSC service representative generates disconnect orders in SSOPATS and clears cross-reference data in CEDAR+.

ICSC Customer Record Billing - CRB

- A. The ICSC associate receives and logs completion orders from the Service Center/Complex Control and distributes those orders to the Quality Control (QC) representative.
- B. For services billed on the CRB system, the ICSC service representative verifies the accuracy of the billing codes to be used, enters the information into CRB and also enters the Entry Into Billing (EIB) date into SSOPATS.
 - An ICSC QC service representative verifies the data entered and attaches completions.
- C. The ICSC supervisor verifies the accuracy of the data entered for billing and returns the order to the Service Order Entry (SOE) representative for corrections.
- D. The ICSC SOE group initiates disconnect order from records (SSOPATS) as required.

III. Service Center / Complex Control - SC/CC

- A.. The SC/CC Associate receives the SSO from ICSC and forwards it to the assignment section associate.
- B. A Service Center associate sends the SSO to the Local Control Office via a FAX machine, and creates a file for tracking.
- C. LightLink test and acceptance at the customer site will be accomplished by the Local Central Office technician.
- D. The SC/CC associate posts due dates, updates SSOPATS, and establishes Plant Test Dates (PTD)
- E. When the order is complete the SC/CC associate receives completion reports from BSD, NMC, and the Special Service Technician. This associate in turn sends completed SSO and SOE/CRB reports to the ICSC associate.
- F. The SC/CC associate initiates disconnect orders from records as required.

- C. If field work is required (customer with loop), a preinstaller technician is dispatched to verify, tag facilities, and install cable drops and a loop back module (smartjack) at the customer premises.
- D. The SC/CC preinstaller technician tests with NMC to make sure the cable pairs meet engineering specification and leaves the circuit ready to be placed in service on the due date.
- E. On the due date a SC/CC technician returns to the customer premises to retest the cable pairs and to clear the order with NMC and with Complex Control.
- F. The associate in turn sends completed service order and SOE reports to the ICSC associate.
- G. When a disconnect order is received a SC/CC technician is dispatched to the customer premises to remove facilities and equipment as required.

V. Engineering

Engineering - Message Assignment - E-MA

- A. The engineer receives a Service Inquiry from ICSC and analyzes the order for availability of facilities.
- B. Assigns DSX-3/4 panels in the manual record.
- C. Produces order on PC template forms.
- D. Prints and reviews order and passes it to coordinator.

V. Local Central Office - LCO

- A. The LCO associate receives the SSO from ICSC, the Miscellaneous Trunk Circuit Order (MTCO) from the Message Assignments Engineer, and the Transmission Requirements (TR) document from the Transmission and Protection engineer.
- B. The LCO technician screens service order, MTCO, and TR for errors, completes DSX-3/4 cross connect wiring and performs the 24 hour test procedure.
- C. The LCO technician completes the LSTIU fiber connections and places the appropriate DB pad modules as specified by the TR document.
- D. An LCO technician travels to the customer site to perform the installation acceptance test as required for fiber optic DS3 systems.
- E. The LCO associate tracks all service orders using the mechanized system called SSOPATS.
- F. A central office technician, at the distant office, will complete cross connects at the DSX-3/4 panels within the interoffice route.
- G. The LCO technician completes all equipment and wiring disconnects.

VI. Network Management Center - NMC

At this time the NMC group is involved only in coordination and tracking of LightLink service orders while the central office technician will perform the acceptance test and wiring required.

- A. The NMC associate receives the Special Service Order (SSO) from ICSC.
- B. The facilities technician insures that due dates, wire office test (WOT) date, and plant test dates (PTD) are met.
- C. The NMC associate prepares and files folders on active files.
- D. The NMC associate initiates disconnect orders from records as required.

SPECIAL CIRCUIT REQUEST

ALES EID#> CSC ORDER #> ELATED ORDER #>

SUPP (Y/N)>

PROJ. NO.> TYPE ACCT (R/B)> BSD CUST (Y/N)>

PP DATE> EQ DD>

BILL EFF DATE> DISC REASON>

IST NAME> IST ADDR> LASS HEADING> DDITIONAL LISTING>

KT #> IC>

UST CONTACT> ALES REP/MKT CONS> VC REP>

· NAME> . ADDR> ILL ADDR> ITY/STATE/ZIP>

ILL CONTACT NAME> ILL CONTACT TEL #> BILL ACCT #>

CUST CONTACT #> TEL #> TEL #>

80> AL> TRIP> CONTRACT RATES (Y/N)>

XISTING BUSINESS PHONE #> OLE>

PARTNERSHIP>

CORP>

HOME OFC TN>

M OFC ADDR> WNER/OFFICERS>

ADDR>

TEL #>

MKR1>

CREDIT INFORMATION IS REQUIRED IF ORDER ESTABLISHES NEW BILL ACCT #

Badcopy

ORDER #> RELATED ORDER#>

CIRCUIT DETAIL

CEY> PABX>

CENTREX>

CPE>

COAM>

BT>

SYNCHRONET>

MEGALINK>

LIGHTGATE>

TTF LINK FAMILY: SW-EXT> Check all that apply--Fax the appropriate Network Application to ICSC) IF DIGITAL DATA, INDICATE SPEED AND IF FLEXLINK IS REQUIRED)>

DIGI>

TRANS> FLEX>

ARAMETERS:

SUPERFRAME> CLEAR CHANNEL>

EXTENDED SUPERFRAME>

B8ZS>

BASELINE>

YPE CKT>

IF ANALOG DATA, IS CONDITIONING REQUIRED Y/N)>

IF YES, INDICATE TYPE)>

FIC>

LEG>

FIC>

LIGHT>

ND USER> ' USER>

EG>

<MMO

LS>

SM LOC>

END USER> LOC ADDR>

WKG # SM LOC>

TE/UNIT #>

STE/UNIT #> EXCH:>

NXX>

XCH>

NXX> HC>

COMM>

HC>

CON> CON TN> RLS> LCON>

LCON TN>

ERM/DEMARC>

TERM/DEMARC>

YPE EQPMNT>

TYPE EQPMNT>

S & E (See Attached for Link Svcs. Detail)

CONVERTING LOC TO SPEC> PEC NOTE: OBT ORDER #>

SPEC TO LOC>

CTION

SEE

NRC

EMARKS>

ev. 11-11-93

3-10

CHAPTER 4

RECURRING COST

Presented in this chapter are the major concepts associated with the development of the recurring costs for LightLink service.

Purpose of the Cost Study

The primary purpose of this study was to develop estimates of the long-run average incremental cost of the main components of Light-Link service: The local loop, interoffice channel, and circuit equipment. All costing methodologies employed in this study were selected with this in mind.

Economic Cost Theory

The study methodology is an application of the economic theory of costs to the telecommunications industry.

The study estimates long-run average incremental costs, which are the additional costs Sprint/United Telephone-Florida will incur to provide LightLink service in the future.

The models provide costs based on 1992 data, but to maintain a forward-looking stance, 1993 data has been included where available.

The rest of this chapter will summarize the study planning and design phase.

Study Planning and Design

Objectives

To recap what was stated above, the purpose of this study is to develop long-run average incremental costs for the major technical components of LightLink service.

Standard Engineering Designs

Standard engineering designs based on forward-looking technology provide the basis for the models used. The designs were developed to define the particular items under study, such as loops, interoffice channels and circuits.

Cost Components

The two primary cost components utilized to produce service cost estimates are: unit investments and annual cost factors.

1. Unit Investments

The current installed investment of each piece of technical equipment in the standard engineering design was determined.

Annual Cost Factors

Annual cost factors were applied to unit investments to produce an annual cost. These cost factors are a composite of the cost of money, depreciation, taxes and maintenance expense.

CHAPTER 5

LOOP

This chapter illustrates the method and process for constructing the macro-oriented loop study.

PRELIMINARY STEPS

Developing the cost model for loops initially requires the next five items.

- Development of standard engineering designs showing local loop configurations under various circumstances using optimally today's transmission and signaling technologies. The cost of each relevant type of technology should be considered.
- 2. Each component required to provision a LightLink loop is specified for each design developed in Step 1. See Drawing 2, page 2-3. The loop portion of this service requires only buried fiber cable. Therefore, it is not appropriate to use the LOOPCOST model for this service since there is no provision within the model to calculate a wholly fiber loop.

- The current per unit investment of each equipment component in the design was determined.
- 4. Annual cost factors were applied to unit investments to produce an annual cost. These cost factors are a composite of the cost of money, depreciation, taxes and maintenance expense.
- 5. A sample of intrastate intralata intraoffice and interoffice LightLink loops was taken to determine the facility makeups. It was decided that a one-quarter mile cost would be developed since sample loop lengths were highly variable making average costing inappropriate.

INFORMATION

The following information items are required to perform the cost analysis and are gathered from the indicated sources.

1. Statistically valid loop sample data - The universe for this sample is composed of all intrastate intralata intraoffice and interoffice LightLink circuits. The desired universe information is the length of the route from the serving wire center to the customer's premises. The cable was fiber and the cable type was buried; this is S/UTF's forward-looking technology.

The universe was sampled in 1992 from the Customer Records and Billing (CRB) system, a mechanized reporting tool.

Using service and equipment codes within CRB, all loops were identified and collected. Also sampled were services established through the Individual Case Basis process.

Because of the low incidence of DS3 loops within UTF's serving area, a separate method of investment calculation was used. This method incorporates the same logic as the LOOPCOST model without the probability of occurrence of lengths or terminating equipment.

- 2. Relative mix of customer premises connections This is used to provide the mix of different types of customer premises connections, e.g., drop wire, building cable, and network terminating devices, developed from the sample of loops. LightLink service does not require these connections within the local loop.
- 3. Frequency of occurrence of loop lengths This information shows the frequency of occurrence of various loop lengths for LightLink service. The loop sample data mentioned earlier is the basis for development of this information. Since loop lengths for this service were highly variable, it was decided to develop a one-quarter mile cost for the cable.
- 4. Design Parameters These guidelines are consistent with S/UTF policy and/or industry standards for the long-term economic deployment of technology into the loop network.

/ 5. Unit Investments - These are the current investments used in loop development. The LightLink service requires buried fiber cable from Drawing 2, page 2-3.

These investment components are included in the following inputs:

- Annual Cost Factors Annual cost factors were applied to unit investments to produce an annual cost. These cost factors are a composite of the cost of money, depreciation, taxes and maintenance expense.
- Utilization Factors These inputs represent the optimal utilization for the applicable plant account code. Per a special study produced by D. Keough, the utilization factor used for the fiber cable was

14

CONFIDENTIAL

LightLink	Local Fiber Loop				
2	12 Fib/ Ft	B 1/4 Hite	C . 12 F1b/ 1/4 H1	p Fill- Factor	(C/D)
Suried		279	e saja	e de la compania del compania del compania de la compania del la compania de la compania del la compania del la compania de la compania del la compania d	
67	F Annual	G Annual			
9 10	Charge Factor	1/4 Hi E*F	per 1/4 Hi G/12		
,,					

CHAPTER 6

INTEROFFICE

Chapter six explains the methodology utilized to develop interoffice facility investments and costs. Interoffice facilities are defined as transmission systems or facilities used to transport voice and data between wire centers or central offices.

Long run average incremental cost methodology takes into consideration the use of forward looking least cost technology to properly reflect investment in interoffice facilities. Investments were developed to reflect the current deployment policies and strategies in place in Sprint/United Telephone-Florida Facilities Planning Group.

The interoffice facility costs developed from this study will be used to support the tariffed rates for the LightLink service offering. The information contained in this study is mirrored S/CF for Sprint/United Telephone-Florida.

Development of recurring costs for interoffice facilities were based on the Private Line/Special Access cost manual. These costs were developed using the following procedures:

- A representative model was developed in which all appropriate cost categories for interoffice facilities were included.
- Investment per circuit was calculated based on fixed (Channel Termination) and distance sensitive (Line Haul) categories.
- Investment was identified by USOA detail to assist in plant differentiation and annual cost factor development.
- Fill (utilization) factors were developed for each plant item based on engineering's provisioning requirements.
- 5. Investment per circuit, adjusted for utilization, was developed by dividing investment per circuit by the appropriate fill factor.
- 6. Annual cost factors were developed for each plant item (see Chapter 8). Annual cost factors were applied to each investment element according to appropriate USOA code to determine annual recurring cost for each investment item.
- Annual cost per investment item was divided by 12 to determine monthly cost.

8. The route mile to air mile ratio was developed and is applied to line haul cost. Multiplying the route to air ratio by line haul cost results in airline mileage cost elements.

Unit Investment - 6A and 6B

Unit investments for interoffice facilities reflect the installed investment for each component used to provision LightLink service in S/UTF service area. Individual plant item investments were developed independently, but are grouped into 3 categories, Fiber Cable Investment, Intermediate Office Investment, and Terminal Office Investment. Fiber cable investment and intermediate office investment are combined to make up the distance sensitive line haul investment while terminal office investment makes up the non-distance sensitive channel termination investment.

The ITS-2400 (1:1 protection) fiber optic light system is the design model for interoffice facilities in this study. This system reflects S/UTF pervasive technology. All of S/UTF ITS-2400 (1:1 protection) interoffice facilities were identified to determine the proper design criteria to be modeled. A representative model that contained the required design components was then selected from this universe. The selected model represents the technology for which all component unit investments were developed.

Line Haul Investment

Line haul investments are those distance sensitive investments associated with interoffice transport facilities. Line haul investment includes all cable facilities and intermediate offices between the originating and terminating service point, up to and including, the DSX-3/4 cross connect facilities in the originating and terminating end office.

Fiber Cable

The fiber cable unit investment reflects the installed cost of placing fiber in S/UTF service area. Overheads for year end 1992 were loaded to 1993 vendor costs for fiber cable to derive the installed cost. These overhead loadings include any labor and material required in cable installation. Unit

costs were developed as follows:

- Most recent year end cable placements (in cable feet) were accumulated by account code for both buried and underground fiber.
- Total fiber investment dollars for each overhead account were divided by the associated placed cable feet to derive a per sheath foot overhead loading for each cable size.
- Overhead loadings were attached to the respective unit cost to derive the total installed cost per foot for each cable size.
- 4. Per pair foot investment and total cable feet placed for each cable size were then used to derive a weighted per fiber foot investment for both buried and underground fiber cable.
- Per pair foot investment was converted to per mile investment for both buried and underground fiber cable.
- 6. Four fibers are required for the ITS-2400 (1:1 Protection).
 The four fibers provide 48 DS3 circuits which are active and protected.

- 7. DS3 investment were utilized as required in this study.
- 8. This process was carried out for both buried and underground cable. The total investment for each cable type was then weighted according to the total footage of cable placed (for both underground and buried cable) to derive a weighted cable investment per foot.

Intermediate Office

Intermediate office investment was developed based on the circuit design selected by the Facilities Planning Group.

Individual component investments where calculated separately and spread over the 24 active DS3 circuits.

Individual unit investments represent the current vendor cost in use by the Facilities Planning Group. Intermediate office investment includes the following components:

- ITS-2400 Light terminal equipment
- 2. LSTIU Cross connect panel

Channel Termination Investment

Channel termination investments are non-distance sensitive investments associated with originating and terminating end office facilities. All end office components are included in channel termination cost with the exception of the LSTIU cross connect panel which is a line haul facility.

Terminal Office

Terminal office investments are developed in a similar manner to intermediate office investments except terminal office investments are not calculated on a per mile basis. Terminal office investments include the following components:

- 1. ITS-2400 Light Terminal Equipment
- DSX 3/4 Digital Cross Connect

			INTEROFFI	CE ROUTE	COST CO	MPOSITE	
 / 2 LI	GHTLINK	Fixed Cost	B % Occurrence	Weighted Cost	Per Mile Cost	% Occurrence	Weighted Cost
3	Routes on Rings						
5	Routes with Remote Switching Devices						
6 7	Routes with Pair Gain Devices						
. 8	Total						

ED TELEPHONE - FLORIDA SPRINT

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

SUB SECTION - INTEROFFICE PER MILE

TARIFF SECTION - LIGHTLINK

				UNIT INVESTME	іңтѕ	INVESTMENT FO CIRCUIT QUANT EXCLUDING UTIL	ITY		R TY ATION	
	1 2	ITEM (A) PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) · CHAN, TERM, EQPT.	(I) LINE HAUL EQPT.
	_									
	7450	Intermediate Office Equipment: 1 LST1U 2 ITS-2400 OC-48 FOT Interconnect Office Equipment	2422.2 2232.3							
	7	3 LST1U	2422.2							
	8	4 ITS-2400 OC-48 FOT .	2232,3							
•	9	5 DSX 3/4 Cross Connect Panel	2232.2							
	10	,9 Interoffice Per Mile Fiber:								
	11	10 UNDERGROUND FIBER	2422.2							
	12	- 11 BURIED FIBER	. 2423,2							

TARIFF SECTION - LIGHTLINK

SUB SECTION - INTEROFFICE PER MILE

SERVICE TYPE: HIGH CAPMIN'S SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

				TOTAL INVESTME	ENTS		TOTAL ANNUAL C	COST	TOTAL MONTHLY	COST	LA	AIRLINE
1	m	EM (A) PLANT ITEM	(B) · USOA CODE	(C) CHAN TERM, EOPT.	(D) LINE HAUL EQUIP.	(E) ANNUAL COST FACTOR	(F) CHANTERM, EOPT,	(G) LINE HAUL EQUIP.	(H) CHAN TERM. EQPT.	(I) LINE HAUL EQUIP.	ROUTE TO AIR RATIO	MILEAGE COST PER MILE
345	-	Intermediate Office Equipment: 1 LST1U 2 ITS-2400 OC-48 FOT	. 2422									,
789		Interconnect Office Equipment 3 LST1U 4 ITS-2400 OC-48 FOT 5 DSX 3/4 Cross Connect Panel	2422 2232 2232	3								
1	2	Interoffice Per Mile Fiber: a UNDERGROUND FIBER b BURIED FIBER 12	2422 2423									
		19	TOTAL									

(I) LINE HAUL

EQPT.

SERVICE . (PE: HIGH CAPACITY SERVICE

IRUN: LONG RUN AVERAGE INCREMENTAL COST

TARIFF SECTION - LIGHTLINK

SUB SECTION - INTEROFFICE CHANNEL FIXED

UNIT INVESTMENTS

EQPT.

(C) CHAN.TERM.

EQPT.

(D) LINE HAUL

INVESTMENT FOR CIRCUIT QUANTITY **EXCLUDING UTILIZATION**

LINE HAUL FILL

FACTOR

EQPT.

(E) CHAN.TERM.

EQPT.

INVESTMENT FOR CIRCUIT QUANTITY INCLUDING UTILIZATION

CHAN, TERM.

12	ITEM (A) PLANT ITEM DESCRIPTIO	USOA N CODE	
3	•	_	
4	2		
5	3		
6.	4 Interoffice Channel Fixed:	•	
7	5		
8	6 ITS-2400 OC-48 FOT	2232.3	
9	7 DSX 3/4 Cross Connect Panel	2232.2	
10	8		
11	9		
12	10		
13	11		

EQPT.

MILEAGE COST PER MILE

SERVICE TYPE: HIGH CA RUN: LONG RUN AVERAGE INCREMENTAL COST

TARIFF SEL. -I-LIGHTLINK

SUB SECTION - INTEROFFICE CHANNEL FIXED

TOTAL MONTHLY COST TOTAL ANNUAL COST (J) ROUTE TO AIR RATIO

				TOTAL INVESTME	NIS		TOTAL TOTAL CO			
1 2	ITEM	(A) PLANT ITEM	(B) USOA CODE	CHANTERM, EQPT.	(D) LINE HAUL EOPT.	(E) ANNUAL COST FACTOR	CHANTERM.	(G) LINE HAUL EOPT.	(H) CHANTERM, EQPT.	6
_			-	-						
3	1									
4	2									
7.	3.	nteroffice Channel Fixed:			*					
7			V-00-1-1-1-1							
9	6	ITS-2400 OC-48 FOT ·	2232.3							
9	7	DSX 3/4 Cross Connect Panel	2232.2							
10	8									
11	9									
12	10									
13	11		•							
15	12			*						
16	14									
17	15									
			TOTAL	4 - /						
			IUINE							

LIGHTLINK

RUN: LONG RUN AVERAGE INCREMENTAL COST

FIXED AND PER MILE FOR ROUTES INCLUDING REMOTE SWITCHING DEVICES

	•		UNIT INVESTME	NTS	INVESTMENT FO CIRCUIT QUANTI EXCLUDING UTILI	TY		INVESTMENT FOR CIRCUIT QUANTITY INCLUDING UTILIZATION		
,	(A) PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) CHAN.TERM. EQPT.	(I) LINE HAUL EQPT.	
3	InterOffice Channel Fixed DDM 2000 FOT	2232.3					******		- To	
4	Interoffice per Mile - Fiber BURIED FIBER /CKT	2423.2								

LIGHTLINK

RUNE LONG RUN AVERAGE INCREMENTAL COST

FIXED AND PER MILE FOR ROUTES INCLUDING REMOTE SWITCHING DEVICES

TOTAL

	• •		TOTAL INVESTME	NTS		TOTAL ANNUAL C	OST	TOTAL MONTHLY		AIRLINE	
,	(A) PLANT ITEM	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EOPT.	(E) ANNUAL COST FACTO	(F) CHAN.TERM. EQPT.	(G) LINE HAUL EOPT.	CHANTERM.	(I) LINE HAUL EQPT.	ROUTE TO AIR RATIO	MILEAGE COST PER MILE
z 3	InterOffice Channel Fixed DDM 2000 FOT	2232.3					-				
4	Interoffice per Mile - Fiber BURIED FIBER /CKT	2423.2									

LIGHTLINK

RUN: LONG RUN AVERAGE INCREMENTAL COST

FIXED AND PER MILE FOR ROUTES INCLUDING PAIR GAIN DEVICES

			UNIT INVES		INVESTMENT FOR CIRCUIT QUANTITY EXCLUDING UTILIZATION			INVESTMENT FOR CIRCUIT QUANTITY INCLUDING UTILIZATION		
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	
	(A)	USOA	CHAN.TERM.	LINE HAUL	CHAN.TERM.	LINE HAUL	FILL	CHAN.TERM	I. LINE HAUL	
1	 PLANT ITEM DESCRIPTION	CODE	EQPT.	EQPT.	EQPT.	EQPT.	FACTOR	EQPT.	EQPT.	
		1000								

2 Interoffice per Mile 3 Pair Gain Housing

2232.5

LIGHTLINK

RUN: LONG RIJN AVERAGE INCREMENTAL COST

FIXED AND PER MILE

FOR ROUTES INCLUDING PAIR GAIN DEVICES

TOTAL INVESTMENTS					TOTAL ANNUAL COST		TOTAL MONTHLY COST		(J)	(K) AIRLINE	
, j	(A) PLANT ITEM	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) ANNUAL COST FACTOR	(F) CHAN.TERM. EQPT.	(G) LINE HAUL EQPT.	(H) CHAN.TERM. EQPT.	(I) LINE HAUL EQPT.	ROUTE TO AIR RATIO	MILEAGE COST PER MILE
							-	-		-	-

Interoffice per Mile
Pair Gain Housin

2232.5

TOTAL

CHAPTER 7

CIRCUIT DESIGN

Chapter seven explains the methodology utilized to develop investments and cost associated with circuit provisioning. A circuit is defined as a network of circuit elements which performs a specific telecommunications function.

The approach used in this study reflects the resource burden to Sprint/United Telephone-Florida in providing LightLink service. Additional assumptions in completing costs include recognizing the current per unit investment of equipment components as well as the latest engineering loadings.

The most economic Sprint/United Telephone-Florida engineering design was utilized in the provisioning of LightLink service.

The cost elements developed from this study will support tariffed rates for the LightLink service offering. The information used in this study is mirrored S/CT for Sprint/United Telephone-Florida.

Development of recurring costs for Circuit Design facilities are based on the Private Line/Special Access cost manual.

The universe of LightLink circuits was identified and utilized in the model. All technical characteristics of circuit design are alike. The general process for cost development is as follows:

- An investment model was developed in which all appropriate investment categories for LightLink circuit facilities are included.
- Investment per circuit was calculated based on engineering design criterion. This information is reflected on form
 7A.
- Investment was identified by USOA detail to assist in plant differentiation.
- The fill (utilization) factor was determined for each plant item based on engineering provisioning requirements.
- Investment per circuit including utilization was developed by dividing investment per circuit by the fill factor.
- 6. An annual cost factor was utilized for each plant item in accordance with USOA codes (see chapter 8 for annual cost factor development).

 Annual cost per investment item was divided by 12 to determine monthly cost.

Unit Investments - 7A and 7B

Unit investments for circuit design reflect the installed investment for each component used to provision LightLink service in S/UTF's service area. Individual plant items were developed independently, but support two separate rate elements as follows:

1. Local Channel

Supporting Equipment Investment

- 1. LSTIU Fiber Optic Panel
- 2. DSX-3/4 Cross Connect (CO).
- 3a. Fiber Loop Converter (Customer)
- 4. Fiber Entrance Panel (Customer)
- 5. DSX-3/4 Cross connect (Customer)
- 2. Multiplexing

Supporting Equipment Investment

- 8. DSX-3/4 Cross connect Panel
- 9. M13 Multiplexer
- 10. DSX1 Digital Cross connect Panel

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

TARIFF SECTION - LIGHTLINK

SUB SECTION - MULTIPLEXING

				UNIT INVESTMEN	ı <u>ts</u> _	INVESTMENT FO CIRCUIT QUANTI EXCLUDING UTILI	TY	R TY ATION		
1 2	ITEM	(A) PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) CHAN.TERM. EQPT.	(I) LINE HAUL EQPT.
345678	1 2 3 4 5									
9 101 12 13 14 15	9 M13 10 DS3 11 12	(3/4 CROSS CONNECT PANEL B MULTIPLEXER (1 DIGITAL CROSS CONNECT PANEL	2232.2 2232.2 2232.2							1

FORM 78

TARIFF SECTION - LIGHTLINK

SUB SECTION - MEETIPLEXING

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

			_	TOTAL INVESTMEN	TS		TOTAL ANNUAL C	QSI	TOTAL MONTHLY	COST	(4)	(PC) AIRLINE
1	ITEM	(A) PLANTITEM	(B) USOA CODE	(C) CHAN TERM. EQPT.	(D) LINE HALL EQPT.	(E) ANNUAL COST FACTOR	(F) CHAN, TERM. EQPT.	(G) LINE HALL EQPT.	CHANTERM.	(I) LINE HALL EGPT.	TO AIR RATIO	MILEAGE COST PER MILE
345478901234547	9 M13 10 DSX 11 12 13 14 15	COM CROSS CONNECT PANEL MULTIPLEXER (1 DIGITAL CROSS CONNECT PANEL	2232.2 2232.2 2232.2									
18		TOTAL	s									

SPRINTA ED TELEPHONE - FLORIDA

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

TARIFF SECTION - LIGHTLINK

SUB SECTION - DIGITAL LOCAL CHANNEL (WITH LOOP)

PLANT ITEM DESCRIPTION

2232,3 2422,2 2232,2

1 LST1U FIBER OPTIC PANEL 2 DSX 3/4 CROSS-CONNECT (CO) 3 FIBER LOOP CONVERTER (CO)

	UNIT INVESTME	NTS	INVESTMENT FOI CIRCUIT QUANTI EXCLUDING UTILIS	TY	INVESTMENT FOR CIRCUIT QUANTITY INCLUDING UTILIZATION					
(B) USOA CODE 	· (C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) CHAN,TERM, EQFT.	(I) LINE HAUL EQPT.			

7 3n FIDER LOOP CONVERTER (CUSTOMER)
4 FIDER ENTRANCE PANEL (CUSTOMER)
5 DSX 3M CROSS-CONNECT (CUSTOMER)
7 10
7 10
7 11
7 12
7 13
7 14
7 15

· ITEM

SERVICE TYPE: HIGH CAPACITY SERVICE

TAREF SECTION - LIGHTLINK

SUD SECTION - DIGITAL LOCAL CHANNEL (WITH LOOP)

TOTAL

RUN: LONG RUN AVERAGE INCREMENTAL COST

		•				•			TOTAL INVEST	EMIS		TOTAL ANNUAL C	ost 4	TOTAL MONTHLY	COST ·		(K) .
1.	ITE	п.			(A) II THA 51	ГЕМ		(B) USOA COOE	(C) CHANTERN EOPT,	(O) LINE HAUL EGPT,	(E) ANNUAL COST FACTOR	(F) CHANTERIL EOPT.	(G) LI'VE HAUL EOPT,	CHANTERM. EOPT,	(I) LINE HALL EOP1	ROUTE 10 AIR HATIO	MILEAGE COST PT R MILE
34.5	•	2 DS)	3/40	ROSS	PTIC PAR CONNE	CI (CO)		2422.2 2232.2 2232.3	-	•			e				
67.8		4 FIB	ER EN	TRAN	CE PANE	ER (CUSTOME EL (CUSTOME CT (CUSTOM	R)	2232.3 2422.2 2232.7									
.9.		• • •		٠.			0.00										
10	1						0.00										
12		3		•			0.00	0									
13		4.				20	0.00										
14	1	5					0.00	0									

CHAPTER 8

ANNUAL COST FACTORS

This section includes the procedures necessary to develop annual cost factors. The purpose of the annual cost factor is to translate investments into annual recurring costs. This is accomplished by determining the investment for each component of the service under study and then applying the appropriate annual cost factors to that investment.

Annual cost factors for LightLink were developed for each of the following plant accounts:

Underground Cable - Fiber Optic

Buried Cable - Fiber Optic

Circuit Equipment Digital - Metallic

Circuit Equipment Digital - Fiber Optic

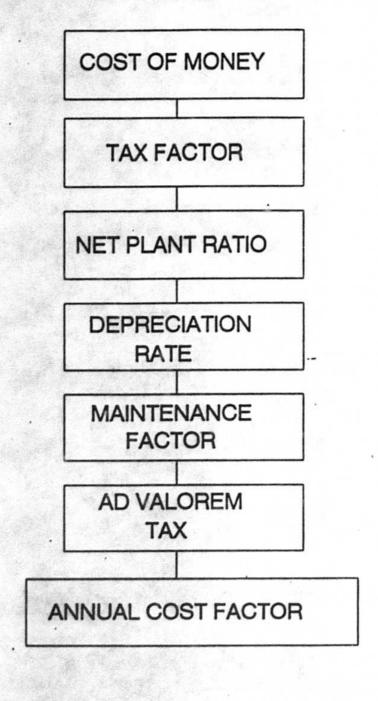
Excluded are overhead costs common to all services, such as legal, treasury, and executive department expenses.

Development of cost of money was based upon 1992 figures.

Calculation methodology will be addressed and total factor derivation will be shown in detail. A flowchart of the major components required precedes the procedure description.

ACCFLOWC

ANNUAL COST FACTOR FLOW CHART



The following components display generic characteristics used to develop annual cost factors:

Description
Cost of Money (see page 5 for detail)
Tax Factor (see page 6 for detail)
Return & Taxes (a) * (b)
Net Plant Ratio (development detail will
be included on individual ACF pages)
Return & Taxes multiplied by the Net Plant
Ratio
Depreciation Rate (see page 7 for detail)
Maintenance Factor (development detail will
be included on individual ACF pages)
Ad Valorem Tax (supplied by Sprint/United
Telephone-Florida's Tax Department)
The Annual Cost Factor consists of the sum
of columns (e), (f), (g), and (h).

(C) Return & Taxes

(D) Net Pit: Ratio (E) Col C (G) Maint Factor

(F)

Depr

(H) Ad Val

(B) Tax

(A) Cost of Money

Ann Cost Factor

		٠	г	
		۰	9	r
	á	ø	,	
٠	2	è		
			7	_

3 U	NDERGROUND	CABLE -	FIBER	OPTIC
-----	------------	---------	-------	-------

- 4 BURIED CABLE FIBER OPTIC
- 5 CIRCUIT EQUIPMENT DIGITAL METALLIC
- 6 CIRCUIT EQUIPMENT DIGITAL FIBER OPTIC

COST OF MONEY - 11.25%

Cost of Money is a combination of short term, long term, common and preferred equity cost of monies.

A

B

Amount & of Total

- 2 Short Term Debt
- 3 Long Term Debt
- 4 Total Debt
- 5 Common Equity
- 6 Preferred Equity
- 7 Total Capital

8

9 Cost Rate

/O Short Term

// Long Term

/2 Common Equity

13 Preferred Equity

14

Cost of Money

(ratio * interest)

Short Term

Long Term

Common Equity

Preferred Equity

Income Taxes

14

Income taxes are calculated to determine the impact of Federal and Florida tax regulations. The tax factor is computed in the following illustrative example:

A

2 PSC Assess	ment Tax
3	
4 State Tax	
5	
b	
7	
8	
9 Federal Ta	ıx
10	
I ·	
12	
13	

Depreciation

Average Remaining

Remaining Net Book Life

Life Salvage Reserve Rate

A B C P

- / U'ground Cable Fiber
- Z Buried Cable Fiber
- 3 Ckt. Egpt. Dig. Metallic
- 4 Ckt. Egpt. Dig. Fiber

```
UNDERGROUND CABLE - FIBER OPTIC
    The Annual Cost Factor for Underground Cable - Fiber Optic
    was developed using the following calculations:
    (a) Cost of Money
    (b) Tax Factor
    (c) Return & Taxes
    (d) Net Plant Ratio
809
        Calculation:
           Depreciation Account 3422.2
           Investment Account 2422.2
10
11
    This investment account includes the original cost of single
    or paired conductor cable, wire, and other associated
12
    material used in constructing a physical path for the
13
14
    transmission of telecommunications signals, when fiber optic
    cable is placed.
15
16
    (e) Return & Taxes times
17
           Net Plant Ratio
18
    (f) Depreciation Rate
19
    (q) Maintenance Factor
20
        Calculation:
21
           Expense Account 6422.2
22
           Investment Account 2422.2
23
    This expense account includes the cost of the repair or
24
    replacement of fiber optic underground cable. It also
    includes scheduled or routine work consisting of tests to
25
24 verify proper functioning, as well as restoring a fiber optic
27 underground cable without replacing it and the cost of work
    order activity rearranging and changing existing fiber optic
 29 underground cable and/or associated items.
 30 (h) Ad Valorem Tax
 3| (i) Underground Cable - Fiber Optic
        This is calculated by adding items (e), (f), (g), and
 33
        (h) together.
```

```
BURIED CABLE - FIBER OPTIC
    The Annual Cost Factor for Buried Cable - Fiber Optic was
    developed using the following calculations:
    (a) Cost of Money
5
    (b) Tax Factor
6
    (c) Return & Taxes
7
    (d) Net Plant Ratio
89
        Calculation:
           Depreciation Account 3423.2
10
           Investment Account 2423.2
11
    This investment account includes the original cost of fiber
12
    optic cable and other associated material used in
13
    constructing a physical path for the transmission of
    telecommunications signals.
14
15
    (e) Return & Taxes times
          Net Plant Ratio
    (f) Depreciation Rate
17
    (g) Maintenance Factor
18
19
        Calculation:
20
           Expense Account 6423.2
           Investment Account 2423.2
27
    This expense account includes the cost of repair or
23
    replacement of fiber optic buried cable equipment. It also
    includes scheduled or routine work consisting of tests to
25 verify proper functioning of the fiber optic buried cable, as
24 well as restoring an associated fiber optic buried cable item
27 without replacing the item.
2% (h) Ad Valorem Tax
29 (i) Buried Cable - Fiber Optic
        This is calculated by adding items (e), (f), (g), and
31
        (h) together.
```

```
CIRCUIT EQUIPMENT - DIGITAL - METALLIC
     The Annual Cost Factor for Circuit Equipment Digital -
     Metallic was developed using the following calculations:
     (a) Cost of Money
4
5
     (b) Tax Factor
     (c) Return & Taxes
     (d) Net Plant Ratio
7
8
         Calculation:
             Depreciation Account 3232.2
9
             Investment Account 2232.2
10
     This investment account includes the original cost of circuit
11
     equipment, excluding pair gain devices and circuit equipment which supports fiber optic cable, which utilize digital
13
     technology in the transmission of a signal.
14
     (e) Return & Taxes times
             Net Plant Ratio
17
     (f) Depreciation Rate
18
     (g) Maintenance Factor
19
          Calculation:
             Expense Account 6232.2
20
             Investment Account 2232.2
 21
22
     This expense account includes the repair, field testing, or
     replacement of digital circuit equipment. Also included is
 23
     the cost of work order activity rearranging existing digital
 24
25
     circuit equipment. It also includes the changing of central office wiring which continues to provide service to the same
     customer and the cost of service order activity rearranging
- 28
     and changing digital circuit equipment.
 29
     (h) Ad Valorem Tax
 30 (i) Circuit Egpt. Digital - Metallic
 31
          This is calculated by adding items (e), (f), (g), and
 32
          (h) together.
```

```
CIRCUIT EQUIPMENT - DIGITAL - FIBER OPTIC
    The Annual Cost Factor for Circuit Equipment Digital - Fiber
    Optic was developed using the following calculations:
    (a) Cost of Money
5
    (b) Tax Factor
    (c) Return & Taxes
    (d) Net Plant Ratio
         Calculation:
8
            Depreciation Account 3232.3
            Investment Account 2232.3
10
11
    This investment account includes the original cost of digital
12
    circuit equipment which support fiber optic cable. Account
13
    2232.2 further defines the types of equipment includable as
14
    circuit equipment and the demarcation point between plant
15
    categories.
16
     (e) Return & Taxes times
            Net Plant Ratio
17
18
     (f) Depreciation Rate
     (q) Maintenance Factor
19
20
         Calculation:
            Expense Account 6232.3
21
            Investment Account 2232.3
22
23
    This account shall include the repair, field testing, or
24
    replacement for repair of digital fiber optic circuit
    equipment and/or associated items. It also includes the cost
25
26
    of work order activity rearranging existing digital fiber
    optic and/or associated items and the changing of central
27
28
    office wiring which continues to provide service to the same
    customer, line transfers, etc. It also includes the cost of service order activity rearranging and changing digital fiber optic circuit equipment and/or associated items.
29
30
31
   (h) Ad Valorem Tax
32
33 (i) Circuit Egpt. Digital-Fiber Optic
         This is calculated by adding items (e), (f), (g), and
         (h) together.
                                                                 8-11
```

CHAPTER 9

NONRECURRING COST

Nonrecurring costs are defined as one time costs and are incurred in the ordering, engineering, installation and removal of facilities for LightLink services. They are sunk costs and cannot be recovered after the LightLink service is discontinued.

The following generalized flow diagram reflects the steps that are necessary for developing nonrecurring costs.

Some detail will be provided for each function of the generalized flow diagram.

GENERALIZED FLOW DIAGRAM DEVELOPMENT OF NONRECURRING COSTS

Identify Cost Elements
to be Developed

Identify Work Functions for Each
Cost Element Studied

Establish Work Flows

Identify Work Times for Each Work Function

Identify Directly
Assignable Labor Costs

Associate Directly Assigned Labor Cost to
Each Work Function

Accumulate Cost into the Appropriate
Nonrecurring Elements

Identify Cost Elements to be Developed

The nonrecurring cost elements must first be determined in order to develop representative nonrecurring cost. These cost elements are then supported by all of the individual work functions required to provision the service.

Identify Work Functions for Each Cost Element Studied

The work functions identified for Sprint/United

Telephone-Florida (S/UTF) nonrecurring LightLink cost study

can be grouped as follows:

- 1. Service Order and Billing
- 2. Coordination and Tracking
- 3. Installation
- 4. Engineering
- 5. Local Central Office
- 6. Network Management Center
- A. SERVICE ORDER AND BILLING

Performed by our Business Marketing Operation
Sales/Consultant Support Group, and our Interexchange
Carrier Service Center (ICSC).

B. COORDINATION AND TRACKING

Our ICSC group monitors the progress of each service order. The Service Center/Complex Control (SC/CC) monitors the operations between the central office and the customer's location. The local central office tracks all orders and distributes them to the tributary offices.

C. INSTALLATION

The Fiber Loop Converter installation is normally installed under a work order that includes engineering and installation labor.

The local central office technician tests and accepts the final installation at the central office and at the customer site.

D. ENGINEERING

The Message Assignments Engineering group assigns all DSX-3/4 cross connect panels for LightLink circuits.

E. LOCAL CENTRAL OFFICE

The Local Central Office Special Service technician completes circuit card installation, and DSX-3/4 cross connect and fiber optic panel wiring.

F. NETWORK MANAGEMENT CENTER

The Network Management Center technician maintains a record to monitor and coordinate in-service dates.

Establish Work Flows

The establishment of work flows requires that company subject matter experts identify the work flows within each work group involved in the provisioning of LightLink services. The work flow diagram and accompanying descriptions in chapter three (3) of this study reflect this information.

Identify Work Times for Each Work Function

Task oriented studies were performed by subject matter experts identifying average work times for each work function.

To insure that all costs were captured, detailed work flow lists were developed for all departments involved in the provisioning of LightLink services. Forms were developed for each work function to record the study data. Components were summarized by service category into the appropriate cost elements to support the proposed rate elements.

Identify Directly Assignable Labor Costs

This section will explain and identify the methodology used to develop directly assigned labor costs. A breakdown of all the components including the basic wage rate will be included to reflect a complete cost for one hour of productive labor. This information is provided for the non-plant work group as well as the plant work group.

Associate Directly Assigned Labor Cost to Each Work Function

Average work times for each work function identified in the task oriented studies were matched with the appropriate directly assigned labor cost, as explained in pages 9-7 through 9-15 of this chapter to develop an average cost per work function.

Accumulate Cost into the Appropriate Nonrecurring Elements

The average cost per work function was further identified as belonging to a particular rate element. Average costs per work function belonging to the same rate element were summarized to develop a cost for a particular rate element as shown in pages 9-16 thru 9-17 of this chapter.

METHOD OF CALCULATING LOADED LABOR RATES (Plant Work Group)

GENERAL

Loaded labor rates were developed from current year information.

PURE RATE

In a plant work group productive hours and dollars make up the pure rate. The pure rate is calculated by dividing the work group's productive dollars by the work group's productive hours.

PAYROLL LOADING

The payroll loadings include all company paid benefits such as FICA, holidays, pensions, Workman's Compensation

Insurance, other insurance, Savings Plus, federal and state withholding taxes. The payroll loading is calculated by dividing the work group's productive hours into the benefit dollars extracted from the OH400 report.

VEHICLE AND TOOL LOADING

The vehicle and tool loading is cost associated with running and maintaining the vehicles and other work equipment (tools). Also included in this loading are the salaries and expenses of the employees whose principal responsibilities are to provide maintenance for the vehicles and other work equipment. The vehicle and tool loading is calculated by dividing the work group's productive hours into the vehicle and tool dollars extracted from the OH400 report.

PROVISIONING LOADING

The provisioning loading is cost incurred for provisioning material and supplies. Also included in this loading are salaries and expenses of those managers and employees whose primary job function is in provisioning material and supplies. The provisioning loading is calculated by dividing the work group's productive hours into the provisioning dollars extracted from the OH400 report.

PLANT ADMIN. 1ST & 2ND LOADINGS

The plant administration loadings are the salaries and expenses of the work group's management. The plant administration loadings are calculated by dividing the work group's productive hours into the plant administration dollars extracted from the OH400 report.

NONPRODUCTIVE LOADING

The nonproductive loading consists of the nonproductive dollars for which the plant work groups report and get paid, such as travel time, breaks, meetings, holidays, weather and training. The nonproductive loading is calculated by dividing the work group's productive hours into the nonproductive dollars extracted from the OH400 report.

VACATION LOADING

The vacation loading consists of the vacation dollars the work group reports. The vacation loading is calculated by dividing the work group's productive hours into the vacation dollars extracted from the OH400 report.

EXEMPT MATERIAL LOADING

The exempt material loading consists of the cost of plant supplies that cannot be reported to a specific work order such as nuts, bolts, screws, etc.. The exempt material calculation is made by dividing the work group's productive hours into the exempt material dollars extracted from the OH400 report.

HOUSE AND OFFICE SERVICES LOADING

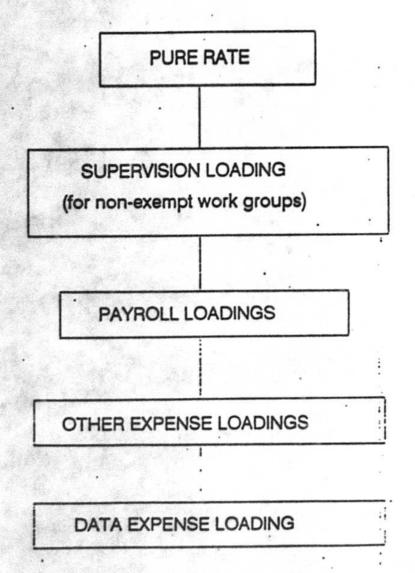
The house and office services loading includes expenses associated with house and office services such as janitorial services, cleaning supplies, water, sewage, fuel, guard services, electrical power, central mail and central records. The house and office services loading is calculated by applying a percentage taken from a study (provided by General Accounting) to the total dollars in the house and office services accounts. Those dollars are then divided by the work group's productive hours.

DATA EXPENSE LOADING

The data expense loading includes all programming and data costs associated with general purpose computers. An allocation factor is extracted from a Cost Allocations data study. This factor is applied to the total dollars in the data account to allocate data dollars to the appropriate work group. These dollars are then divided by the work group total productive hours to derive the data expense loading.

FLOWCHART FOR DEVELOPING LOADED LABOR RATE

(Non-Plant Work Groups)



METHOD OF CALCULATING LOADED LABOR RATES

(Non-Plant . Work Group)

PURE RATE

In a staff (non-plant) work group, straight time, overtime, sick time and vacation are included in the pure rate. The pure rate is calculated by dividing the work group hours into the work group dollars. The labor module is the source for the information.

SUPERVISION LOADINGS

The supervision allocation is only included in a non-exempt (non-plant) work group. The allocation is calculated by taking the salary dollars of the supervisors and dividing them by the hours of the non-exempt employees who report to them. The labor module is the source for this information.

PAYROLL LOADINGS

The payroll loading is calculated by taking 25.7% (representing a benefits factor provided by our payroll department) and multiplying it by the pure rate. The 25.7% factor includes the following benefits:

FICA	7.65%
Holiday	4.60%
Pensions	0.00%
Workmans Compensation	10.80%
Company Paid Insurance	.19%
Company Matched Savings Plus	1.56%
Federal and State Withholding	.90%

OTHER EXPENSE LOADINGS

The other expense loading includes all expenses which cannot be properly classified within any other account categories. Also included in this loading are expenses associated with house and office services (janitorial services, cleaning supplies, water, sewage, fuel, quard services, electrical power, central mail room, and central records costs). The following steps are taken in calculating the other expense allocation. First, the dollars in the departmental other expense accounts are extracted from the general ledger. Second, a percentage taken from a house and office services study (provided by General Accounting) is applied to the total dollars in the House and Office services account to allocate house and office services expenses to the work group. Third, the dollars pulled from the general ledger in step 1 and the allotted house and office services dollars pulled in step 2 are added together and divided by the total work group hours which are pulled from the labor module.

DATA EXPENSE LOADINGS

The data expense loading includes all programming and data costs associated with general purpose computers. An allocation factor is extracted from a Cost Allocations data study. This factor is applied to the total dollars in the data account to allocate data dollars to the appropriate work group. These dollars are then divided by the work group's total hours from the labor module to derive the data expense loading.

LIGHTLINK NONRECURRING RATE ELEMENTS

- 1. Local Channel
 - a. With Loop
 - b. Without Loop
- 2. Interoffice Channel
 - a. Fixed
 - b. Per Mile
- DS3/DS1 Multiplexing

WORK FUNCTION SUMMARIZED BY RATE ELEMENT

A. Local Channel

- 1. BMOS/C
- 2. ICSC
- 3. Service Center/Complex Control
- 4. Engineering Message Assignments
- 5. Local Central Office
- 6. Network Management Center

B. Interoffice Channel

- 1. Engineering Message Assignments
- 2. Local Central Office

C. DS3/DS1 Multiplexing

1. Engineering - Message Assignments

GENERAL GUIDELINES USED TO ACCUMULATE COSTS INTO RATE ELEMENTS

- A. Work functions by job classification were summarized in the basic task oriented study associated with both service request and disconnect activity.
- B. The associated work function detail was identified and assembled into cost elements that were used to support the proposed rate element structure.

CONFIDENTIAL

Initial

DS3/DS1

UNITED TELEPHONE OF FLORIDA A SPRINT COMPANY

LightLink DS-3 Provisioning Service

HONRECURRING ELEMENTS
B
Local II

Channel

Wi thout

A

With

Loop

Channel

	ancer 1 4
	First Circuit Ordered
	I Labertak
	LightLink
,	I. Marketing/BSD
7	Marketing Associate
3	Marketing Sr. Consultant
234	Marketing Representative
5	II. CIG
,	1000
6	111. ICSC
7	Administrator
8	Penresentative
9	silling Associate & Representative
78910	Billing Supervisor
1(IV. Service Ctr/Complex Ctrl
12	Associate
13	
14	V. Engineering - Net. & Svc. Planning
15	Engineering - Equipment
16	Engineering - Special Service
17	Engineering - Message Assignments
18	Engineer:
19	Associate
20	Engineering - Distribution
21	VI. Local Central Office
2	
2	3 Associate
24	VII. Hetwork Control Center
2	S Technician
2	Serv. Order Coordinator
2	
	· · · · · · · · · · · · · · · · · · ·

30-Nov-93

Additional Circuit (ordered at the same time) LightLink I. Marketing/BSD Marketing Associate - - - -3 Marketing Sr. Consultant - -Marketing Representative - -II. CIG III. ICSC Administrator 8 Representative 9 Billing Associate & Representative Billing Supervisor - - - -10 IV. Service Ctr/Complex Ctrl Associate 13 Outside Technician - - - - -14 V. Engineering - Net. & Svc. Planning Engineering - Equipment 15 Engineering - Special Service 16 Engineering - Message Assignments 18 Engineer Associate 19 Engineering - Distribution 2/ VI. Local Central Office 22 Technician 23 Associate 24 VII. Network Control Center 25 Technician Serv. Order Coordinator 26 27

DS-34REC

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30-Nov-93

UNITED TELEPHONE OF FLORIDA A SPRINT COMPANY

LightLink DS-3 Provisioning Service

NONRECURRING ELEMENTS

Local '

Loop

Channel

Without

Inter

Fixed

Office

Subsequent

D\$3/D\$1 Multiplexing

· 13

Local

With

Loop

Channel

CHAPTER 10

SUMMARY

This chapter will provide a summary of cost elements. These cost elements will be provisioned according to the tariff rate structure they are intended to support. The three basic groups of cost elements are as follows:

- 1. Local Channel
- 2. Interoffice Fixed and Per Mile
- 3. Multiplexing

Chapter 5 develops the monthly loop cost that is utilized to support the local channel rate element.

Chapter 6 develops the monthly interoffice facilities cost on a per circuit basis. The cost is reflected for both the fixed and distance sensitive components. These cost elements will support the interoffice channel, fixed and per mile rate structures. Chapter 7 develops the monthly circuit design cost that is utilized to support the serving wire center termination and the multiplexing features.

Chapter 8 develops the annual cost factors that are utilized in translating investments into annual recurring costs.

Chapter 9 develops the nonrecurring cost elements that support the rate structure.

CONFIDENTIAL

14-Feb-94

	** ***			
LIGHTI	IMM	COST	SAL IDADA	LAN'Y

NONRECURRING (1) FIRST

MONTHLY RECURRING NUMBER

LOCAL CHANNEL

23 75 WITH LOOP

FIXED

PER MILE

WITHOUT LOOP

INTEROFFICE CHANNEL

8 FIXED

PER MILE

10 11

NONRECURRING (1) INITIAL

MULTIPLEXING (DS3 to DS1)

(1) - FIRST AND ADDITIONAL REFER TO A SINGLE ORDERING TIMEFRAME, INITIAL AND SUBSEQUENT REFER TO SEPARATE ORDERING EVENTS.

10-3

SPRINT UNITED TELEPHONE-FLORIDA

1994 TRANSLINK INCREMENTAL COST STUDY

Costing and Special Studies

SPRINT/UNITED TELEPHONE-FLORIDA TRANSLINK COST STUDY

TABLE OF CONTENTS

CHAPTER 1 - OVERVIEW

CHAPTER 2 - FACILITIES AND EQUIPMENT

CHAPTER 3 - LABOR

CHAPTER 4 - RECURRING COSTS

CHAPTER 5 - LOOP

CHAPTER 6 - INTEROFFICE

CHAPTER 7 - CIRCUIT DESIGN

CHAPTER 8 - ANNUAL COST FACTORS

CHAPTER 9 - NONRECURRING COSTS

CHAPTER 10 - SUMMARY

CHAPTER 1

DEFINITIONS

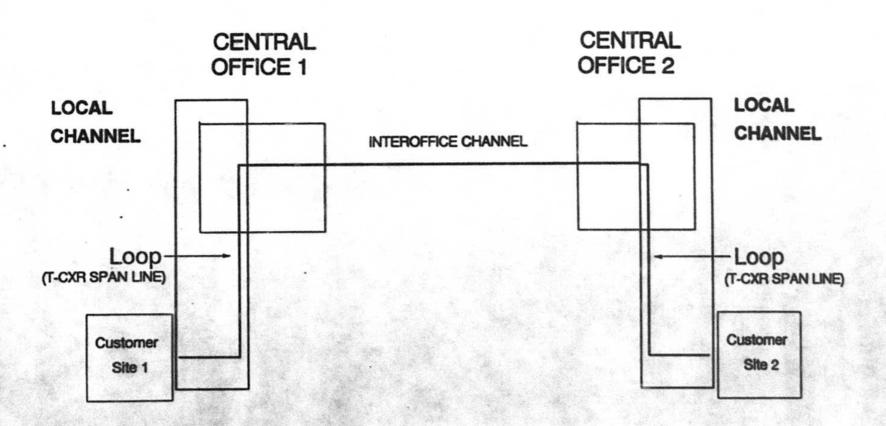
TransLink is a digital communications link that enables the transmission of voice, data, and video signals at the rate of 1.544 million bits per second (Mbps).

COMPONENTS

TransLink service typically includes the following technical components:

- o <u>Local Channel</u> Provides a two-way transmission of isochronous digital signals at speeds of 1.544 Mbps over a Tl copper span line facility between the customer's premises and the local central office.
- o <u>Interoffice Channel</u> Provides a two-way high capacity DS1 facility between two or more local central offices.

SPRINT/CENTEL - FLORIDA TRANSLINK



<u>signal Quality</u> - TransLink DS1 provides a signal that is consistently superior in quality to that provided by analog facilities. The T1 span line repeaters regenerate the signal without the noise and distortion.

Options

DS1/DSO Multiplexing - Time Division Multiplexing (TDM) is the process that combines 24 DSO channels of voice, data, or video signals into one DS1 signal. A DSO is a 64 Kbps time slot. TDM is provided with a D4 channel bank at the central office or can also be provided with switching equipment such as a "Digital Access Crossconnect System" (DACS) included as an option in the TransLink tariff. The customer also requires his own multiplexing equipment or CPE connected to S/UTF's loopback module or network interface at the demarcation point.

Clear Channel Capability - A transmission path option in T-carrier systems that allows the customer to use the full 64 Kbps bandwidth. This option does not leave any portion of the bandwidth for control, framing, or signaling. The clear channel option is also required to be set at all M13 multiplexers in the interoffice channel.

Automatic Loop Transfer -

This optional feature will be provided on an individual case basis when requested.

CHAPTER 2

FACILITIES AND EQUIPMENT

This section contains an outline of the facilities and equipment needed to provide high capacity TransLink DS1 service. Drawings are included which show how the key technical components are configured to provide this digital dedicated service.

Summarized below are the major categories of facilities and equipment needed to provision this service.

Local Channel

Loop

Buried Cable Metallic

Buried Cable Metallic Drop

Field Repeaters

Circuit Design

Circuit Equipment Digital

Interoffice Channel

Fiber Optic Cable

Buried, Underground

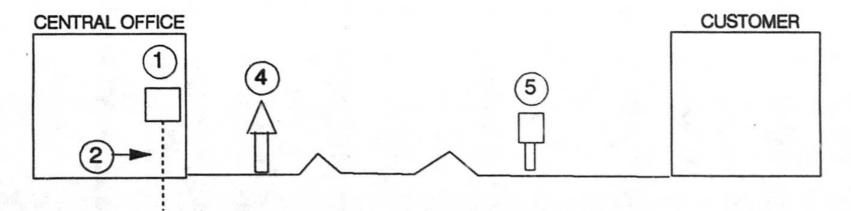
Circuit Equipment Digital - Fiber Optic

Multiplexing

Circuit Equipment Digital

TRNSLOOP

SPRINT/UNITED TELEPHONE - FLORIDA TRANSLINK LOOP DESIGN (4W)



LEGEND:

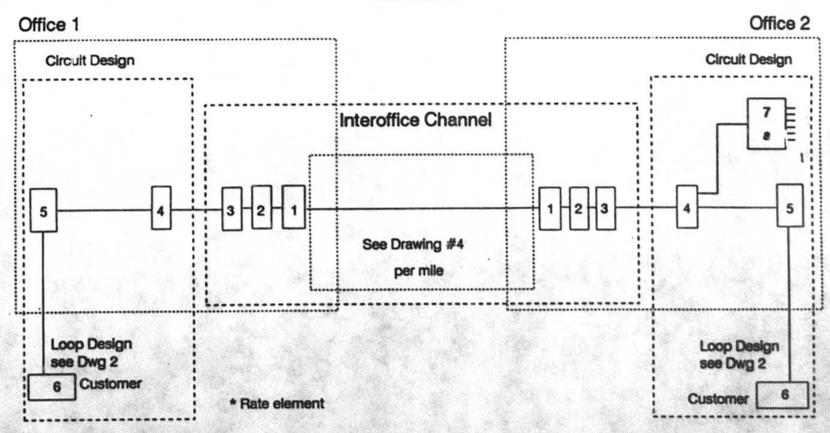
- 1. CENTRAL OFFICE CONNECTOR
- 2. CONNECTOR STUB

- 4. FIELD REPEATER
- 5. BURIED TERMINAL

DEFINITIONS

Loop Design (4W) (Drawing #2)

- Central Office Connector The protective lightning device mounted on the main distribution frame.
- Connector Stub Cross connects the outside plant cable with the central office connector.
- Buried Cable Copper The buried 4-wire copper cable facility that supports the T-span.
- 4. Field Repeater Regenerates the original DS1 signal (approximately every 5,000 feet) between the customer's location and the central office.
- 5. <u>Buried Terminal</u> A mounted cable terminal that provides access to the pairs of a buried cable.



- * Interoffice Channel Fixed
- 1. ITS-2400 OC-48 FOT
- 2. DSX-3/4 Digital Cross Connect Panel
- 3. M13 Multiplexer

- * Local Channel
- 4. DSX-1 Digital Cross Connect Panel
- 5. Central Office Repeater
- 6. Loop-back Module

* Multiplexing

- 7. D4 Channel Bank
- 8. Channel Card (Voice or Digital)

DEFINITIONS

Interoffice Channel, Fixed (Drawing #3)

- ITS-2400 Fiber Optic Terminal (1:1 Protection) The ITS-2400 FOT is a high capacity OC-48 transmission system. It transports 48 active and protected DS3 channels on a 2 fiber ring configuration.
- 2. <u>DSX-3/4 Digital Cross Connect Panel</u> An electrical digital DS3 level cross connect panel that provides an easy access for administration of DS3 facilities.
- 3. M13 (DMT300) Multiplexer Has the capability to multiplex 28 DS1 signals into one DS3, and to demultiplex a DS3 signal down to 28 DS1's.

DEFINITIONS

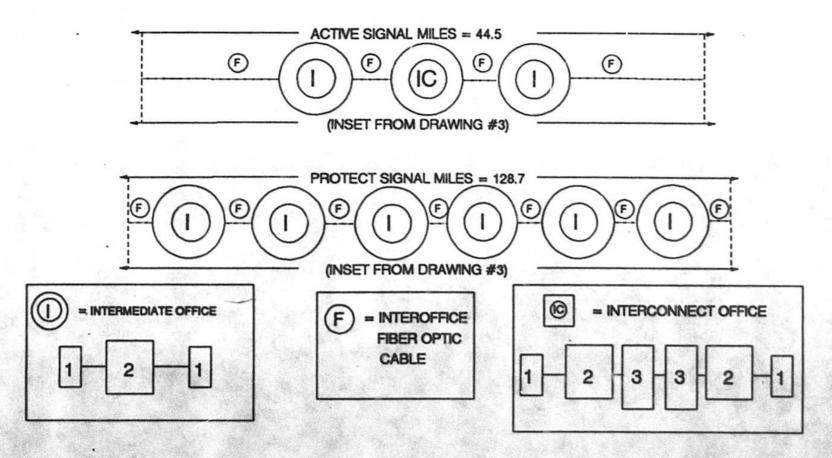
Circuit Design (Drawing #3)

- 4. <u>DSX-1 Digital Cross Connect Panel</u> An electrical digital DS1 level cross connect panel that provides an easy access for administration of DS1 facilities.
- 5. Central Office Repeater Provides all the necessary interface between the repeatered span line and the DS1 port in the M13 multiplexer at the central office. Line power, fault locator, and order wire features, are self contained on this unit.
- 6. Loop Back Module A T1 facility loop back module used at the customer site to provide maintenance loop back function and to regenerate the received T1 bit stream. It can be instrumental in isolating a faulty line repeater in the field.

Multiplexing

7. D4 Channel Bank and Channel Card - Placed at the central office to demultiplex the high capacity
TransLink DS1 signal into 24 voice or data circuits.

SPRINT/UNITED TELEPHONE - FLORIDA TYPICAL INTEROFFICE - PER MILE CONFIGURATION



LEGEND:

- 1. LSTIU FIBER CROSSCONNECT PANEL
- 2. ITS-2400 OC-48 2-FIBER OPTIC TERMINAL
- 3. DSX-3/4 DIGITAL CROSSCONNECT PANEL

VOICEIOM

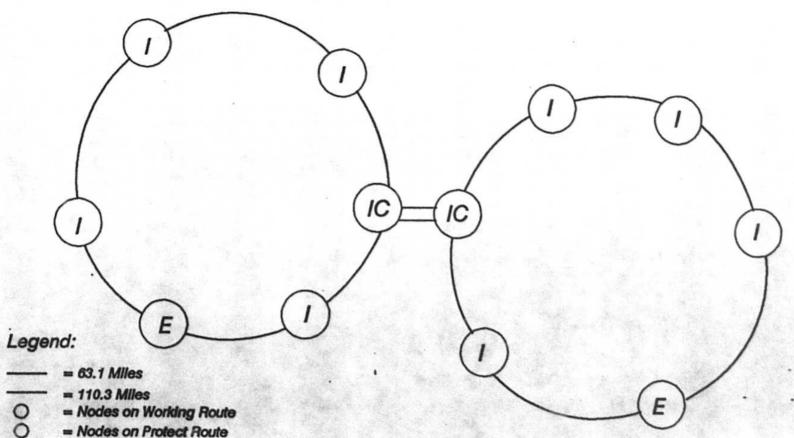
DEFINITIONS

Interoffice Channel, Per Mile (Drawing #4)

- LSTIU Fiber Cross Connect Panel Fiber termination
 panel for the physical fiber optic cable from the field
 and the fiber optic cable coming from the terminal in
 the central office.
- 2. ITS-2400 Fiber Optic Terminal (1:1 Protection) The ITS-2400 FOT is a high capacity OC-48 transmission system. It transports 48 protected and active DS3 channels on a 2 fiber ring configuration.
- 3. DSX-3/4 Digital Cross Connect Panel A digital DS3 level cross connect panel that provides an easy access for administration of DS3 facilities. It allows patching of one facility to another for quick restoration of service.

SPRINT/UNITED TELEPHONE-FLORIDA

TYPICAL INTEROFFICE ROUTE CONFIGURATION



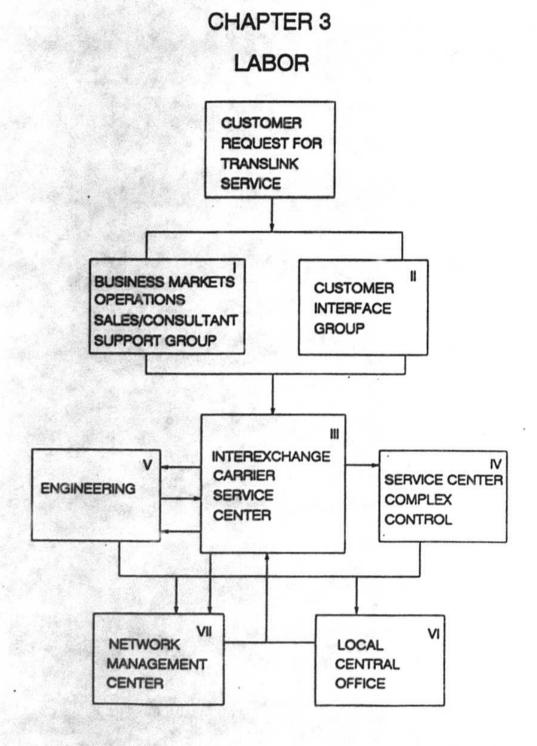
Note: 48% of the routes from the random sample of Interoffice Routes were between a ring node and a pair gain or remote device.

= Interconnect Node

= Intermediate Office

= Interconnect Office

= End Office



- I. Business Markets Operations Sales/Consultant Support Group
 - A. For S/UTF TransLink Customers
 - Marketing Technical Support Consultant takes the following information from the TransLink customer to complete the Special Circuit Request (SCR Pages 3-10,11)
 - . Customer name and customer contact
 - . Customer location and telephone number
 - . Billing name and address
 - . Circuit location and requirements
 - . Service dates
 - 2. Business Markets Operations Sales/Consultant Support Group Representative sends SCR to our Interexchange Carrier Service Center (ICSC) and a copy is also forwarded to the Service Center/Complex Control.
 - 3. Business Markets Operations Sales/Consultant Support
 Group maintains a follow-up file for all TransLink
 circuits requested
 - Business Markets Operations Sales/Consultant Support
 Group receives completion dates from the Special
 Service Order Processing and Tracking System
 (SSOPATS)
 - . Business Markets Operations Sales/Consultant Support Group places SCR in individual customer file

4. Business Markets Operations Sales/Consultant Support
Group Representative initiates disconnect orders from
records as required.

II. Centralized Operations Group - COG

The COG main responsibility is the provisioning of the DS1/DSO multiplexing option of the TransLink services. COG does not provision the local channel or the interoffice channel.

- A. COG administrator receives, reviews, and logs request for TransLink DS1/DSO multiplexing services from the customer.
- B. COG associate places a copy of the request in the customer file with due dates, order numbers, and circuit numbers. The request then is sent to the ICSC Group for inclusion on engineering and billing databases.
- c. cog administrator completes the DSO channel assignments and E-Mails them to the Message Assignments engineering group.
- D. COG administrator initiates disconnect orders from records as requested.

III. Interexchange Carrier Service Center - ICSC

- A. The ICSC Service Representative processes the Special Circuit Request as follows:
 - . Checks for existing customer service
 - Establishes a circuit ID in Circuit Engineering
 Design and Reporting (CEDAR+) and/or changes the existing record
 - . Enters the SCR data in SSOPATS
 - . Distributes orders to Message Assignments
 Engineering, NMC, LCO, and Complex Control via
 SSOPATS
- B. The ICSC associate files and initiates all customer record folders and logs orders for jointly provided service with Southern Bell Company.
- C. As required, an ICSC service representative generates disconnect orders in SSOPATS and clears cross-reference data in CEDAR+.

ICSC Customer Record Billing - CRB

A. The ICSC associate receives and logs completion orders from the Service Center/Complex Control and distributes those orders to the Quality Control (QC) representative.

- B. For services billed on the CRB system, the ICSC service representative verifies the accuracy of the billing codes to be used, enters the information into CRB and also enters the Entry Into Billing (EIB) date into SSOPATS.
 - . An ICSC QC service representative verifies the data entered and attaches completions.
- C. The ICSC supervisor verifies the accuracy of the data entered for billing and returns the order to the Service Order Entry (SOE) representative for corrections.
- D. The ICSC SOE group initiates disconnect orders from records (SSOPATS) as required.

IV. Service Center / Complex Control - SC/CC

- A. A Special Service Assignments group receives the Transmission Requirements (TR) document, containing cable assignments, from equipment engineering and enters that information on the mechanized Customer Loop Assignment System (CLAS). An associate creates a Service Order Entry (SOE) in the Customer Record and Billing (CRB) system and sends the CLAS and SOE to the local central office and to the SC/CC group.
- B. The SC/CC Associate receives the SSOPATS order from ICSC and checks order against TR and MCLR information.

- C. If field work is required (customer with loop), a preinstaller technician is dispatched to verify, tag facilities, and install cable drops and a loop back module (smartjack) at the customer premises.
- D. The SC/CC preinstaller technician tests with NMC to make sure the cable pairs meet engineering specification and leaves the circuit ready to be placed in service on the due date.
- E. On the due date a SC/CC technician returns to the customer premises to retest the cable pairs and to clear the order with NMC and with Complex Control.
- F. The associate in turn sends completed service order and SOE reports to the ICSC associate.
- G. When a disconnect order is received a SC/CC technician is dispatched to the customer premises to remove facilities and equipment as required.

V. Engineering

Engineering - Message Assignment - E-MA

- A. The engineer receives a Service Inquiry from ICSC and analyzes the order for availability of facilities.
- B. Assigns DSX panels in the manual record.
- C. Produces order on PC template forms.
- D. Prints and reviews order and passes it to coordinator.

- E. The E-MA associate enters assignments into CEDAR+ data base and makes required copies.
- F. Distributes copies to the Customer Services switching field technicians, the NMC group, Costing and Revenues group, etc.
- G. Records completion report from NMC.
- H. The engineer and associate prepares disconnect orders.

Engineering - Subscriber Electronics - E-SE

- A. The E-SE engineer receives a Service Inquiry from ICSC and determines if end user copper facilities are available. Once the end user facilities are identified, ICSC is notified.
- B. The E-SE Engineer produces a TR (Transmission

 Requirements) document, orders and reviews the Master

 Drawing of the Span Route and the DSX Panel Drawing and orders any needed equipment.
- C. The E-SE engineer removes assignments and updates the TR records upon customer request for disconnect.

Engineering - Network Distribution - E-ND

A. The E-ND Engineer receives and logs in the Service Inquiry from ICSC and establishes a follow-up file.

- B. Engineers in the field check out cable facility and determine how much work and time will be required to serve the T1 span line. A loop make-up is completed and the proposed cable count is determined.
- C. Installation time estimate is forwarded to ICSC.

VI. Local Central Office - LCO

- A. The LCO associate receives the SSO from ICSC and the Miscellaneous Trunk Circuit Order (MTCO) from the Message Assignments Engineer.
- B. The LCO Technician screens order and TR for errors, completes cross connect wiring and performs the Wire Office Test (WOT) procedure.
- C. The LCO technician along with the Service Center/ Complex Control technician in the field runs a 24 hour jitter test required for T1 services.
- D. The LCO associate tracks all service orders using the mechanized system called SSOPATS.
- E. The LCO Technician completes all equipment and wiring disconnects.

VII. Network Management Center - NMC

A. The NMC associate receives the Special Service Order (SSO) from ICSC.

- B. The facilities technician produces a line drawing, builds a 47 character code, loads circuit data in CMTS database and insures that due dates, Wire Office Test (WOT), and Plant Test Dates (PTD) are met.
- C. The NMC associate prepares and files folders on active files.
- D. The NMC associate initiates disconnect orders from records as required.

Glossary of Abbreviation

CEDAR+ Circuit Engineering Design and Reporting

CFA Carrier Facility Assignment

CIG Customer Interface Group

CLAS Customer Loop Assignment System

CMTS Centralized Maintenance Test System

CRB Customer Record and Billing

MCLR Mechanized Circuit Layout Record

NMC Network Management Center

PTD Plant Test Date

SCR Special Circuit Request

SOE Service Order Entry

SSOPATS Special Service Order Processing and Tracking System. Included in CEDAR+ after May 3, 1993.

WOT Wire Office Test

SPECIAL CIRCUIT REQUEST

SALES BID#> ICSC ORDER #> RELATED ORDER #>

SUPP (Y/N)>

PROJ. NO.> TYPE ACCT (R/B)> BSD CUST (Y/N)>

APP DATE> REQ DD>

LIST NAME> LIST ADDR> CLASS HEADING> ADDITIONAL LISTING>

CKT #> PIC>

CUST CONTACT> SALES REP/MKT CONS> SVC REP>

, NAME> BILL ADDR> BILL ADDR> CITY/STATE/ZIP>

BILL CONTACT NAME> BILL CONTACT TEL #> BILL EFF DATE> DISC REASON>

· BILL ACCT #>

CUST CONTACT #> TEL #> TEL #>

SO> ' AL> TRIP> CONTRACT RATES (Y/N)>

CREDIT*

CORP>

EXISTING BUSINESS PHONE #> SOLE> PARTNERSHIP> HM OFC ADDR>

ADDR>

HOME OFC TN>

TEL #>

OWNER/OFFICERS>

RMKR1>

*CREDIT INFORMATION IS REQUIRED IF ORDER ESTABLISHES NEW BILL ACCT #

ORDER #> RELATED ORDER#>

CIRCUIT DETAIL

KEY>

PABX>

CENTREX>

CPE>

COAM>

SBT>

SYNCHRONET>

MEGALINK>

LIGHTGATE>

LIGHT> FLEX> TRANS> UTF LINK FAMILY: SW-EXT> DIGI> (Check all that apply--Fax the appropriate Network Application to ICSC) (IF DIGITAL DATA, INDICATE SPEED AND IF PLEXLINK IS REQUIRED)>

PARAMETERS:

SUPERFRAME>

EXTENDED SUPERFRAME>

B8ZS>

CLEAR CHANNEL>

BASELINE>

TYPE CKT> (IF ANALOG DATA, IS CONDITIONING REQUIRED Y/N)> (IF YES, INDICATE TYPE)>

LEG> TO USER> FIC>

LEG>

PIC>

USER>

END USER> LOC ADDR>

has # SM LOC>

WKG # SH LOC>

STE/UNIT #>

STE/UNIT #> EXCH:>

NXX>

EXCH>

NXX> HC>

COMM>

HC>

COMM> RLS> LCON>

LCON TN>

RLS>

LCON>

LCON TN>

TERM/DEMARC> TYPE EQPMNT>

S & E (See Attached for Link Svcs. Detail)

TERM/DEMARC>

TYPE EQPMNT>

SPEC NOTE: CONVERTING LOC TO SPEC>

SPEC TO LOC>

SOBT ORDER #>

ACTION

OTY

SEE

NRC

REMARKS>

3-12

Rev. 11-11-93

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CHAPTER 4

RECURRING COST

Presented in this chapter are the major concepts associated with the development of the recurring costs for TransLink service.

Purpose of the Cost Study

The primary purpose of this study was to develop estimates of the long-run average incremental cost of the main components of Trans-Link service: The local loop, interoffice channel, and circuit equipment. All costing methodologies employed in this study were selected with this in mind.

Economic Cost Theory

The study methodology is an application of the economic theory of costs to the telecommunications industry.

The study estimates long-run average incremental costs, which are the additional costs Sprint/United Telephone-Florida will incur to provide TransLink service in the future.

The models provide costs based on 1992 data, but to maintain a forward-looking stance, 1993 data has been included where available.

The rest of this chapter will summarize the study planning and design phase.

Study Planning and Design

Objectives

To recap what was stated above, the purpose of this study is to develop long-run average incremental costs for the major technical components of TransLink service.

Standard Engineering Designs

Standard engineering designs based on forward-looking technology provide the basis for the models used. The designs were developed to define the particular items under study, such as loops, interoffice channels and circuits.

Cost Components

The two primary cost components utilized to produce service cost estimates are: unit investments and annual cost factors.

1. Unit Investments

The current installed investment of each piece of technical equipment in the standard engineering design was determined.

2. Annual Cost Factors

Annual cost factors were applied to unit investments to produce an annual cost. These cost factors are a composite of the cost of money, depreciation, taxes and maintenance expense.

CHAPTER 5

LOOP

This chapter illustrates the method and process for constructing the macro-oriented loop study.

PRELIMINARY STEPS

Developing the cost model for loops initially requires the next five items.

- Development of standard engineering designs showing local channel configurations under various circumstances using optimally today's transmission and signaling technologies. The cost of each relevant type of technology is considered.
- Each component required to provision a TransLink high capacity (HICAP) channel loop is specified for each design developed in Step 1. See Drawing 2, page 2-2.
- The current per unit investment of each equipment component in the design is determined.

- 4. Annual cost factors are developed and utilized which reflect the Sprint/United Telephone Company of Florida (S/UTF) current capital costs (i.e., cost of money, depreciation, taxes, etc.) and direct operations and maintenance (O&M) expenses. (See Section 8.)
- 5. A sample of local channel intrastate intraLATA intraoffice and interoffice TransLink loops was taken to determine the facility makeups. These items were used to develop factors and inputs for computing an average composite estimate of incremental investments and costs.

INFORMATION

The following information items are required to perform the cost analysis and were gathered from the indicated sources.

1. Statistically valid loop sample data - The universe for this sample is composed of all intrastate intraLATA intraoffice and interoffice TransLink circuits. The desired universe information is the length of the route from the serving wire center to the customer's premises. The gauge of the cable was 24 gauge and the cable type was buried; this is S/UTF's forward-looking technology.

The universe was sampled in 1992 from the Customer Records and Billing (CRB) system, a mechanized reporting tool. Using service and equipment codes within CRB, all loops were identified and collected.

- 2. Frequency of occurrence of loop lengths This information shows the frequency of occurrence of various loop lengths for TransLink service. The loop sample data mentioned earlier is the basis for development of this information. One thousand kilofeet bands are the basis for calculation of cable costs.
- Design Parameters These guidelines are consistent with S/UTF policy and/or industry standards for the long-term economic deployment of technology into the loop network.
- 4. Unit Investments These are the current investments used in loop development. The TransLink local channel service requires the following investment components from Drawing 2, page 2-2:
 - 1. Central Office Connector
 - 2. Connector Stub
 - 3. Buried Copper T-Carrier
 - 4. Field Repeaters
 - 5. Buried Terminals

These investment components are included in the following inputs:

- COITTC Central Office Connector
 Central office investment associated with copper cable
 without pair gain. This input includes the investment
 within the central office that is associated with the
 loop. It is generally a small investment consisting
 of the central office protector.
- 2. Connector Stub (includes as part of 1)
- 3. PFIB24 Buried Cable 24 Gauge Per Pair Foot Investment for Buried 24 Gauge Cable. This input reflects the average investment per pair foot of 24 gauge buried copper cable based on actual placement of that cable in 1992. Costs and overheads for splicing, placing, and engineering are included here as well.

PB24

Probability that 24 gauge cable will be buried. This input indicates a percentage of the cable considered is 24 gauge buried cable.

4. Repeater - Field Repeater

The repeater required to regenerate a T1 signal on copper cable. This item has been included with cable investment on a per foot basis as applicable for 4500 feet length of cable between repeaters.

5. TERMB - Buried Terminal

The investment per buried terminal termination. This item is based on the actual placement of buried terminals in 1992.

PROBTERMB

The expected number of occurrences of TERMB. This item represents the expected number of times per loop that a buried terminal will be utilized. Input for this item was derived from the actual occurrence of buried terminals in a statistically valid loop sample of TransLink services.

- 6. Annual Cost Factors This input represents the ratio of annual cost to investment and is used to convert investments into annual costs. The factor used in this study consists of the cost of money, income tax,
- 5 depreciation, maintenance, and ad valorem tax.
- 6 7. Utilization Factors These inputs represent the optimal
- 7 utilization for the applicable plant account code. Per
- 8 S/UTF Practice 900-100-001 FG, paragraph 5.08 Cable
- 9 Relief, the utilization factor used for the following
- /O investments was
- // a. Metallic Cable
- /2 b. Terminal Equipment

CALCULATION OF INCREMENTAL COSTS

Incremental costs were calculated for a variety of different distances. The results were averaged and weighted according to the relative frequency of the loop lengths. This approach clearly displays the composite costs.

Calculating Unit Investments for Cable and Related Equipment

Step 1: Twenty-four gauge buried cable was assumed to be the forward-looking technology, therefore, all loops within the study are buried.

Load coils were not included as part of the calculation since they are not included in loop design. Repeaters, however, are included as part of the calculation since they are a part of the loop design for this service.

- Step 2: Matrix 2 Relative Mix of Cable Types is included for each loop length segment, page 5-14. Since 24-gauge buried cable is the technology which is considered to be forward-looking, the total loop length will be that technology. Matrix 2 on the copper worksheets illustrates this fact. The resulting loop length is recorded in Matrix 3.
- Step 3: The loop lengths in Matrix 3 are multiplied by corresponding per pair foot investment amounts in Matrix 4 to derive per pair cable investments for the 24-gauge buried cable. The results are recorded in Matrix 5.
- Step 4: Transfer the total per pair cable investments for each cable type from Matrix 5 to Column e of Form 5A, page 5-15.

- Step 5: Matrix 6, page 5-14, is the terminal investment.

 The investment for buried terminals was calculated and included in that segment of the study. The buried terminal represents the investment per binding post for a buried terminal. The probability of the occurrence of a buried terminal acts as a weighting for that kind of terminal.
- Step 6: Matrix 8 is the drop wire adjustment per pair.

 This item is reflected as zero in S/UTF's study.

 See Step 7.
- Step 7: Matrix 9 is the weighted drop wire adjustment per pair. It includes the drop wire investment which has been multiplied by a probability of occurrence of that kind of drop. Since drop wire is not used in the TransLink configuration, this item will be zero.
- Step 8: Transfer the investments from Matrices 5 and 6 to their respective accounts on Form 5A Column e, page 5-15.

Unit Investments of Loop Connections at Customer Premises

Since the TransLink termination at the customer location is
at the Loopback Module on the customer's premises, the
typical parameters requiring drop wire or an interface jack
do not apply.

FACILITY TYPE:
01-Feb-94 RAND NUMBER:

COPPER CABLE

TIME= 01-Feb-94

	STATE:	FLA		SERVICE CLASS:		TRANSLINK (CF	NK (CPCS+RPTR)CH5-4W				
A	3	C :	P	E	F.	6	MATRIX 7	I MATRIX 8	HATRIX 9		
LOOP		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	PAIRIA 7	MAINIA 6	WEIGHTED		
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE		AIR DRYER	DROP WIRE	DROP VIRE		
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTHENT	ADJUSTHENT		
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR		
						********	******	*******	• • • • • • • • • • • • • • • • • • • •		

1000.00 AERIAL

24 GAUGE BURIED - 1.00000

COPPER

CABLE UNDERGRAD

1.000000

AERIAL DROP INV.

BURIED DROP INV.

8 INTRA BLDG CBLE =

9 BLDG ENTR. CBLE =

(O PROS. AERIAL TERM.=

// AERIAL TERM INV=

/2 OB. BURIED TERM.=

3 JRIED TERM INV

14 POLE LINE FACTOR =

15 POLE LINE INVESTMENT

(COTAL AER CA INV x FACTOR)

17 UG CONDUIT FACTOR =

/2 CONDUIT INVESTMENT .

19 (TOTAL UG CA INV X FACTOR)

PROB. OF AERIAL DROP-

PROS. OF BURIED DROP-

PROB ISC -

PROS BEC .

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EGPT. & POWER FACTOR =

MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR =

LAND MYST (CO CONN + MCEEP) X FACTOR =

BUILDING FACTOR .

BLDG HVST (CO CONH + MCEP) x FACTOR =

LO NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

21 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

22 NOTE 3: MATRIX 6 & 9 = INVESTMENT X PROBABILITY OF OCCURANCE.

23 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SNOWN ON WORKSHEET C (#5,#6).

CIRCUIT QUANTITY:

DATE = 01-Feb-94

LOOP DISTANCE (FT): BAND NUMBER:

SERVICE CLASS: TRANSLINK (CPCS-RPTR)CH5-4W

			(5)		UNIT		CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(0)	(b)	(e)	(d)	(e)	•	(f)	(g)	(h)	(1)	(j)
			FIXED						(100000000		ong ong on one or an
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	YTITKAUP	EQUIP	EQUIP	FILL	EQUIP	EQUIP
					•••••	*******	•••••	•••••	••••	•••••	••••••
1	LAND	2111	٧			. 1					
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	٧			1					
ý	INTRABLOG CABLE	2421				1					
456	AERIAC CABLE	2421	٧			41					
6	TERM INV	2421	٧			1					
7	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	٧			1					
9	BURIED CABLE	2423	٧			1					
10	TERM 1NV	2423 .	٧			. 1					
11	AIR DRYER	2423	V			1					
12	DROP WIRE	2423	٧			1					
13	UNDERGROUND CABLE	2422	٧			1					
14											
15	AIR DRYER	2422	٧	•							
16	DROP WIRE.	2422	٧								
17	CONNECTORS	2211	٧								
18	MISC. CEAP	2211	٧								
19	POLE LINE	2411	٧								
20	CONDUIT	2441	٧				'				

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND NUMBER:

1000

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

			INVEST	MENTS			COSTS	TOTAL MONTH	
	(a)	(p)	(e)	(d)	(e)	(f)	(9)	(1)	(j)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE MAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
		••••	•••••	•••••	******	•••••	•••••		
1	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLOG CABLE	2421							
5	AERIAL CABLE (COPPER)	2421							
7	BURIED CABLE (COPPER)	2423							
9	UNDERGROUND CABLE (COPPER)	2422							
11	CO EQPT - P GAIN	2211							
12	CO EQPT . ESS	2212							
13	AERIAL CABLE (FIBER)	2421							
	BURIED CABLE (FIBER)	2423							
17		2422							
19		2411							
20	CONDUIT	2441							
21		SUSTOTALS							
22		TOTALS							

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING. 24 NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

			1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	TOTAL ANNUAL	1993 TOTAL MONT	HLY COSTS
				COSTS							
	(a) .	(p)	(c)	(d)	(e)	(1)	1992 TO		(h)	(1)	(j)
		USOA-	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM		LOOP TERM	
	PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	ECUIP
		••••	••••••	•••••	•••••		•••••	•••••	••••••	•••••	••••••
1	LAND	2111			1		1.0000				
2	BUILDING	2121					1.0000				
3	BLDG ENTRANCE CBLE	2421					1.0000		9		
4	INTRABLOG CABLE	2421					1.0000				
56	AERIAL CABLE .	2421					14-0000				
7	BURIED CABLE (COPPER)	2423					1.0000				
9	UNDERGROUND CABLE	2422					1.0000				
11	EGPT - P GAIN	2211									
12	.O EQPT - ESS	2212			Part of the		1.0000				
13	는 이 일본면과 1987는 성경(1977) IT TO 1	2421									
15	BURIED CABLE (FIBER)	2423					•				
	UNDERGROUND CABLE	2422									
19	POLE LINE	2411					1.0000				
20	CONDUIT	2441					1.0000	0.			
2		SUBTOTALS									
2	2	TOTALS									

MATRIX 9

WEIGHTED

WORKSHEET. COPPER CABLE FACILITY TYPE: BAND NUMBER: DATE = 01-Feb-94 TIME = 08:34 AM TRANSLINK (CPCS-RPTR)CHS-4W STATE: FLA SERVICE CLASS: H D A E 6 13 MATRIX 8 MATRIX 7 MATRIX 4 MATRIX 5 MATRIX 6 MATRIX 2 LOOP MATRIX 3 RELATIVE LOOP CABLE LENGTH AIR DRYER DROP VIRE DROP VIRE CABLE MIX OF LENGTH INVESTMENT IN FEET TYPE OF INVESTMENT ADJUSTMENT ADJUSTMENT TERMINAL CABLE BY TYPE PER INVESTMENT CABLE AND . PER PAIR PER PAIR INVESTMENT PER PAIR PAIR FOOT PER PAIR PLANT TYPES OF PLANT DESIGN 2000.00 AERIAL 24 GAUGE BURIED 1,000000 COPPER UNDERGRND CABLE 1,000000 PROS. OF AERIAL DROP-AERIAL DROP INV. & PROS. OF BURIED DROP-BURIED DROP INV.= PROB 1BC -INTRA BLDG CBLE = PROS SEC . BLDG ENTR. CBLE = INVESTMENT PER PAIR IN CENTRAL OFFICE CONNECTORS = PROB. AERIAL TERM.= AERIAL TERM INV= MISC. COMMON EGPT. & POWER FACTOR = HCEEP INVESTMENT (CO CONN x FACTOR) . PROB. BURIED TERM. 14 BURIED TERM INV= LAND FACTOR = 15 POLE LINE FACTOR = LAND MYST (CO CONN + MCEEP) x FACTOR = 16 POLE LINE INVESTMENT (TOTAL AER CA INV x FACTOR) BUILDING FACTOR = 18 UG CONDUIT FACTOR =

BLDG MYST (CO CONN + MCEP) X FACTOR =

- 21 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.
- 22 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

10

13

19 CONDUIT INVESTMENT =

(TOTAL UG CA 1NV x FACTOR)

- 23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.
- 2.4 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94 TIME= 08:34 AM FACILITY TYPE: COPPER CABL CIRCUIT GUANTITY: 1 LOOP DISTANCE (FT): 2000 BAND NUMBER: 2

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS-RPTR)CH5-4W

*				1992 INVES	UNIT TMENTS		INVESTME CIRCUIT	UNIT ENTS FOR GUANTITY ILIZATION	. •	1992 INVESTME CIRCUIT INCL. UT	OUANTITY
	(a)	(b)	(c) FIXED	(d)	(0)		(f)	(8)	(h)	(1)	(j)
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQU1P	EQUIP	FILL	EQUIP	EOUIP
						•••••	•••••	•••••	••••	•••••	•••••
1	LAND	2111	٧			1					
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	٧			1					
ú	INTRABLOG CABLE	2421	٧			1			-		
4	AERIAL CABLE	2421	٧			0					
6	TERM 1WV	2421	٧			, 1					
67	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	¥			1					
9	BURIED CABLE	2423	٧			. 1					
10	TERM INV	2423	٧			1					
11	AIR DRYER	2423	٧			1					
12	DROP WIRE	2423	٧			1					
13	UNDERGROUND CABLE	2422	٧			11					
14	AIR DRYER	2422	v	100		i					
15	DROP WIRE	2422	. V			1					
16	CONNECTORS	2211	٧			1					
17	MISC. CEEP	2211	V			1					
18	POLE LINE	2411	٧			1					
19	CONDUIT	2441	Y			1					

²⁰ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

^{2/} NOTE 2: DROP WIRE - MATRIX 8 + MATRIX 9

COPPER CABLE

LOOP DISTANCE (FT):

SERVICE CLASS: TRANSLINK (CPCS-RPTR)CH5-4V

		1992 INVEST	350000 P		1992	TOTAL ANNUAL COSTS	1992 TOTAL HONTH	LY COSTS
(a)	(p)	(c)	(d)	(e)	(1)	(g)	(1)	(1)
PLANT ITEM	CODE	LOOP TERM EQUIP	LINE HAUL EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
LAND BUILDING BLDG ENTRANCE CBLE INTRABLDG CABLE S AERIAL TABLE	2111 2121 2421 2421 2421	ONE.						
6 (COPPER) 7 BURIED CABLE 8 (COPPER) 9 UNDERGROUND CABLE //C (COPPER)	2423 2422							
// CO EQPT - P GAIN // CO EQPT - ESS // AERIAL CABLE // (FIBER)	2211 2212 2421	1						
SURIED CABLE (FIBER) 7 UNDERGROUND CABLE (FIBER) 19 POLE LINE	2423 2422 2411							
20 CONDUIT	SUBTOTAL:							
22	TOTALS							

22

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

				TOTAL ANNUAL COSTS	TOTAL MON	THLY COSTS	195 (1)		TOTAL ANNUAL COSTS	1993 TOTAL MONT	
	(a)	(p)	(e)	(d)	(e)	(f)	1992 TO	(g)	(h)	(1)	(j)
		USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EOUIP
		••••		•••••	•••••	*********		•••••	•••••	••••••	
,	LAND	2111				4 - 1	1.0000				
ż	BUILDING	2121					1.0000				
3	BLDG ENTRANCE CBLE	2421					1.0000				
4	INTRABLDG CABLE	2421	1				1.0000				
56	AERIAL CABLE - (COPPER)	2421					1:0000				
7	BURIED CABLE (COPPER)	2423					1.0000				
90	UNDERGROUND CABLE (COPPER)	2422					1.0000				
"	J EQPT - P GAIN	2211									
12	CO EQPT - ESS	2212					1.0000				
13	AERIAL CABLE	2421									
14	(FIBER)						!				
15	BURIED CABLE (FIBER) .	2423					•				
17	UNDERGROUND CABLE (FIBER)	2422									
19	POLE LINE	2411					1.0000				
20	CONDUIT	2441					1.0000				
21		SUBTOTALS									
22		TATALE									

WORKSHEET FACILITY TYPE:

SERVICE CLASS:

COPPER CABLE

DATE = 01-Feb-94 - TIME= 08:34 AM

STATE: FLA

BAND HUMBER:

TRANSLINK (CPCS+RPTR)CH5-4W

LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9
IN FEET	TYPE OF	MIX OF CABLE	LOOP LENGTH BY TYPE	INVESTMENT PER	CABLE INVESTMENT	TERMINAL	AIR DRYER INVESTMENT	DROP WIRE	
DES1GN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR

3000.00 AERIAL

2 24 GAUGE BURIED 1.00000 3 COPPER 4 CABLE UNDERGRND

1.000000

6 AERIAL DROP INV.="
7 BURIED DROP INV.=
8 INTRA BLDG CBLE =
9 BLDG ENTR. CBLE =
10
11 PROB. AERIAL TERM.=
12 AERIAL TERM INV=
13 ROB. BURIED TERM.=
14 BURIED TERM INV=
15 POLE LINE FACTOR =
16 POLE LINE INVESTMENT
17 (TOTAL AER CA INV x FACTOR)

PROB. OF AERIAL DROP=
PROB. OF BURIED DROP=
PROB IBC =
PROB BEC =
INVESTMENT PER PAIR IN CENTRAL OFFICE
CONNECTORS =
HISC., COMMON EQPT. & POWER FACTOR =
MCEAP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR = LAND HVST (CO CONN + MCEEP) X FACTOR =

/8 UG CONDUIT FACTOR = 19 CONDUIT INVESTMENT = 20 (TOTAL UG CA INV X FACTOR) BUILDING FACTOR = BLDG NVST (CO CONN + MCEP) X FACTOR =

21 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

22 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

23 HOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.

24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94 LI TIME= 08:34 AM BA

FACILITY TYPE: COPPER CAL CIRCUIT QUANTITY: 1 LOOP DISTANCE (FT): 3000 BAND NUMBER: 3

STATE: FLA

SERVICE CLASS: TRANSLINE (CPCS+RPTR)CH5-4W

						' INVESTM			INVESTM	UNIT ENTS FOR
			1992	UNIT			QUANTITY			DUANTITY
			1WVES	THENTS		EXCL. UT	ILIZATION		INCL. UT	LIZATION
			*********	• • • • • • • • • • • • • • • • • • • •	•	•••••	•••••		••••••	••••••
(*)	(p)	(c) FIXED	(d)	(e)		(1)	(g)	(h)	(1)	())
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	CUANTITY	EOUIP	EQUIP	FILL	EOUIP	EDUIP
	••••	•••••	•••••	•••••	•••••	••••••	•••••	••••	•••••	••••••
	2111	٧								
LAND	The same of the sa	ý								
BUILDING	2121					1.				
BLDG ENTRANCE CBLE	2421				:					
INTRABLOG CABLE	2421									
AERIAL CABLE	2421	٧				•				
TERM INV	2421	٧			•					
AIR DRYER	2421	Y			,					
DROP WIRE .	2421	٧			1					
BURIED CABLE	2423	٧			1					
TERM INV	2423				1					
AIR DRYER	2423				1					
DROP 'VIRE	2423	٧			1					
UNDERGROUND CABLE	2422	Y			1					
		1			1					
AIR DRYER	2422	. v			. 1					
DROP WIRE	2422 .	' v			1					
CONNECTORS	2211	٧			1					
MISC. CEEP	2211				1					
POLE LINE	2411	v			1					
	2441	v			,		7:			
CONDUIT	5441									

NOTE 1: APPARENT INCOMSISTANCIES CAUSED BY COMPUTER ROUNDING.

2345678910112131456111892

²² NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

FACILITY TYPE: CIRCUIT QUANTITY: COPPER CABLE

LOOP DISTANCE (FT): BAND NUMBER:

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

			1992 - INVESTI	ATTACK BUILDING TO THE			TOTAL ANNUAL COSTS	1992 TOTAL MONTH	LY COSTS
				• • • • • • • • • • • • • • • • • • • •					
	(a)	(p)	(e)	(d)	(e) ANNUAL	(1)	(9)	(1)	(1)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQU1P	EQUIP	EQUIP
	······	••••	••••••			•••••		•••••	••••••
	LAND	2111							
	BUILDING	2121							
	BLDG ENTRANCE CBLE	2421							
,	INTRABLDG CABLE	2421							
-	AERIAL CABLE (COPPER)	2421							
,	BURIED CABLE (COPPER)	2423		10 10 10 10 10 10 10 10 10 10 10 10 10 1					
0	UNDERGROUND CABLE (COPPER)	2422							
1	CO EOPT - P GAIN	2211							
2	CO EQPT - ESS	2212							
3.	AERIAL CABLE (FIBER)	2421							
5	BURIED CABLE . (FIBER)	2423							
7	UNDERGROUND CABLE (FIBER)	2422	9 4	do.					
9	POLE LINE -	2411							
0	CONDUIT .	2441							
l		SUBTOTALS							
2		TOTALS							

MOTE 2: CO EQPT - ESS - CONNECTORS + MISC. CP&E.

TIME = 08:34 AM

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

		1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL MONT	HLY COSTS
					•••••		•••••	•••••	••••••	•••••
(a)	(p)	(c)	(d)	(e)	(1)	1992 TO	(8)	(h)	(1)	(j)
	USQA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	
PLANT 1TEM	CODE	EOUIP	EQUIP	EOUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	••••			••••••	•••••	•••••	•••••	•••••	••••••	
/ LAND	2111					1.0000				
Z BUILDING	2121					1.0000				
3 BLDG ENTRANCE CBLE	2421					1.0000				
Y INTRABLDG CABLE	2421					1.0000				
5 AERIAL CABLE 6 (COPPER)	2421					1 :0000				
7 BURIED CABLE 8 (COPPER)	2423					1.0000				
9 UNDERGROUND CABLE	2422					1.0000				
// . EQPT - P GAIN	2211									
/2 CO EGPT - ESS	2212					1.0000				
/3 AERIAL CABLE 1	2421									
15 BURIED CABLE 16 (FIBER)	2423									
/7 UNDERGROUND CABLE //8 (FIBER)	2422									
19 POLE LINE	2411					1.0000				
20 CONDUIT	2441					1.0000				
21	SUBTOTALS									
22	TOTALS									

FACILITY TYPE: COPPER CABI
= 01-Feb-94 BAND NUMBER:

	STATE:	SIA		SERVICE CLASS:		TRANSLINK (CI	CS+RPTR)CH5-4		
LOOP	B	MATRIX 2	D MATRIX 3	E. MATRIX 4	F MATRIX 5	MATRIX 6	HATRIX 7	AATRIX 8	HATRIX 9
LENGTH IN FEET AND	TYPE OF CABLE	RELATIVE MIX OF CABLE	LOOP LENGTH BY TYPE	INVESTMENT PER PAIR FOOT	CABLE INVESTMENT PER PAIR	TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	ren rain				

4000.00 AERIAL

2 24 GAUGE BURIED 1.000000 3 COPPER 4 CABLE UNDERGRAD

1.000000

7 BURIED DROP INV.=
9 INTRA BLDG CBLE =
9 BLDG ENTR. CBLE =
10
1/ PROB. AERIAL TERM.=
12 AERIAL TERM INV=
13 PROB. BURIED TERM.=

AERIAL DROP INV.=

/3 PROB. BURIED TERM.=
/4 BURIED TERM INV=
/5 POLE LINE FACTOR =

POLE LINE INVESTMENT (TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR = 7 CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROS. OF AERIAL DROP-PROS. OF BURIED DROP-

PROS 18C =

PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS .

MISC. COMMON EGPT. & POWER FACTOR =

MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR =

LAND MYST (CO CONN + MCELP) x FACTOR =

BUILDING FACTOR =

BLDG MYST (CO CONN + MCEP) x FACTOR =

- 2 1 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.
- 27 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT
- 23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.
- 24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94

FACILITY TYPE: COPPER CABLE CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 4000

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS-RPTR)CH5-4W

· ·					UNIT TMENTS	· A	CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(a)	(b)	(e)	(d)	(e)	•	(f)	(g)	(h)	(1)	(j)
			FIXED								
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CCDE	SUNK	EQUIP	EQUIP	QUANTITY	EGUIP	EQUIP	FILL	EQUIP	EQUIP
1				•••••			•••••	•••••	••••	•••••	••••••
1	LAND	2111	٧			1					
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	٧			1					
4.	INTRABLOG CABLE	2421	٧			. 1					
5678	AERIAC CABLE	2421	٧			49					
6	TERM INV	2421	٧			1					
7	AIR DRYER	2421	٧			1					
8	DROP WIRE	- 2421	V			1					
9	BURIED CABLE	2423	٧			1					
10	TERM INV	2423	V.			1					
11	AIR DRYER	2423	٧.			1					
12	DROP WIRE	2423	٧			1					
13	: UNDERGROUND CABLE	2422	٧			1					
14	AIR DRYER	2422	٧,			1					
15	DROP WIRE	2422	٧			1					
16	CONNECTORS	2211	٧			1					
17	MISC. CELP	2211	٧			1					
18	POLE LINE	2411	٧			1					
19	CONDUIT	2441	٧			1					

²⁰ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING

^{2 | ..} HOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

FACILITY TYPE: CIRCUIT QUANTITY:

COPPER CABLE

DATE = 01-Feb-94

LOOP DISTANCE (FT): BAND NUMBER:

4000

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

			1992 UNIT INVESTMENTS			1992	TOTAL ANNUAL COSTS	1992 TOTAL MONTH	
	(a)	(b)	(e)	(d)	(e)	(f)	(g)	(1)	(;)
		17			ANNUAL				
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE KAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
		••••	•••••		•••••	•••••	•••••		•••••
1	LAND	2111							
2	BUILDING	2121							
3	BLOG ENTRANCE CBLE	2421							
4	INTRABLOG CABLE	24211							
5	AERIAL CABLE	2421							
6	(COPPER)								
8	BURIED CABLE (COPPER)	2423							
9	UNDERGROUND CABLE (COPPER)	2422							
-11	CO EQPT - P GAIN	2211							
12	CO EGPT - ESS	2212							
13	AERIAL CABLE : (FIBER)	2421							
15	BURIED CABLE . (FIBER) .	2423							
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20	CONDUIT	2441							
21	:	SUBTOTALS							
22		TOTALS							

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²⁴ NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CPEE.

DATE = 01-Feb-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND NUMBER: COPPER CABLE 1 4000 4

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

				TOTAL ANNUAL COSTS	TOTAL HON	THLY COSTS			TOTAL ANNUAL COSTS	1993 TOTAL MONT	
Nov 1	(a)	(p)	(c)	(d)	(e)	(f)	1992 TO	(8)	(h)	(1)	(j)
		USGA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993		LINE HAUL	LOOP TERM	
	PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EOUIP	TPI	EGUIP	EQUIP	EQUIP	EQUIP
		••••	•••••	•••••		•••••	•••••	•••••	•••••	•••••	••••••
1	LAND	2111					1.0000				
2	BUILDING	2121					1.0000				
3	BLDG ENTRANCE CBLE	2421					1.0000				
4	INTRABLOG CABLE	2421					1.0000				
5	AERIAL CABLE (COPPER)	2421					1.0000		•		
7 8	BURIED CABLE (COPPER)	2423					1.0000				
9	UNDERGROUND CABLE	2422					1.0000				
11	EQPT - P GAIN .D EQPT - ESS	2211 . 2212			49		1.0000				
13		2421									
15	BURIED CABLE . (FIBER)	2423 ;"									
17	UNDERGROUND CABLE	2422					•				
18	(FIBER)	1000									
	POLE LINE	2411					1.0000				
20	CONDUIT	2441					1.0000				
21		SUBTOTALS									
22		TOTALS									

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

MATRIX 9

WEIGHTED

WORKSHEET COPPER CABLE FACILITY TYPE: BAND NUMBER: DATE = 01-Feb-94 TIME - ' 08:34 AM TRANSLINK (CPCS+RPTR)CH5-4W SERVICE CLASS: STATE: FLA 6 E MATRIX 6 MATRIX 7 MATRIX 8 MATRIX 4 MATRIX 2 LOOP CABLE RELATIVE LOOP LENGTH CABLE AIR DRYER DROP WIRE DROP WIRE IN PEET LENGTH INVESTMENT MIX OF TYPE OF INVESTMENT TERRINAL INVESTMENT ADJUSTMENT ADJUSTMENT CABLE CABLE BY TYPE PER · AND PER PAIR PER PAIR PAIR FOOT PER PAIR INVESTMENT OF PLANT DESIGN PLANT TYPES 5000.00 AERIAL 24 GAUGE BURIED 1.000000 COPPER CABLE LINDERGRND 1.000000 PROS. OF AERIAL DROP-AERIAL DROP INV.= PROB. OF BURIED DROP-BURIED DROP INV. = PROS 1BC . INTRA BLDG CBLE = PROS BEC . BLDG ENTR. CBLE . INVESTMENT PER PAIR IN CENTRAL OFFICE PROS. AERIAL TERM.= CONNECTORS = MISC. COMMON, EGPT. & POWER FACTOR = AERIAL TERM INV= NCELP INVESTMENT (CO CONN x FACTOR) . PROS. BURIED TERM. BURIED TERM INV LAND FACTOR . POLE LINE FACTOR = LAND MYST (CO CONN + HCEEP) X FACTOR = POLE LINE INVESTMENT (TOTAL AER CA INV x FACTOR)

CONDUIT INVESTMENT = 19 (TOTAL UG CA INV x FACTOR) 20

UG CONDUIT FACTOR .

10

11

12

13

14

15

BUILDING FACTOR =

BLDG MYST (CO CONH + MCEP) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

22 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT 23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF NOTE 3: MATRIX 6 & 9 = INVESTMENT & PROBABILITY OF OCCURANCE.

MOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94

FACILITY TYPE: COPPER CABLE CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 5000
BAND NUMBER: 5

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

		:										
			. 12 ¹ .	1992 UNIT INVESTMENTS		nzi	1992 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1992 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION		
			375	***			(1)	(g)	(h)	(1)	(j)	
	(a)	(p)	(c)	(d)	(e)		(17	(87	,	***	***	
		11004	FIXED		LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL	
		USOA		EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP	
	PLANT ITEM	CODE	SUNK	Edolb	Edota	COMMITTE	24017					
	••••••	••••										
,		2111	v			1						
z	LAND	0.000	v									
3	BUILDING	2121										
	BLDG ENTRANCE CBLE	2421	v			:						
5	INTRABLDG CABLE	2421	v									
	AERIAL CABLE	2421										
67	TERM INV	2421	٧									
	AIR DRYER	2421	٧		4.5							
8	DROP WIRE	2421	٧									
9	BURIED CABLE	2423 -	٧									
10	TERM INV	2423	٧			1						
//	AIR DRYER	2423	٧			1						
12	DROP WIRE	2423	٧			1						
13	UNDERGROUND CABLE	2422	٧			1						
14	1	!				1						
15	AIR DRYER .	2422	٧			1						
16	DROP WIRE	2422	٧			1						
17	CONNECTORS	2211	٧			1						
18	MISC. CEEP	2211	٧			1						
19	POLE LINE	2411	٧			1	E .					
20	CONDUIT	2441	٧			1	ľ.					

²¹ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²² NOTE 2: DROP WIRE - MATRIX 8 + MATRIX 9

1992

COPPER CABLE CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND NUMBER:

5000

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

1992 TOTAL ANNUAL

			INVEST	KENTS			COSTS	TOTAL MONTHLY COSTS		
							(*)	(1)	(j)	
	(a)	(p)	(c)	(d)	(e)	(f)	(9)	4		
		USOA	LOOP TERM	LINE HAUL	FACTOR	LOOP TERM	EQUIP	LOOP TERM	EGUIP	
	PLANT ITEM	CODE	EQUIP	EOUIP		EGOIP	24017			
							••••			
1	LAND	2111								
2	BUILDING	2121								
3	BLDG ENTRANCE COLE	2421								
4	INTRABLDG CABLE	2421								
5	AERIAL CABLE . (COPPER)	2421								
7	BURIED CABLE	2423								
8	(COPPER)									
9	UNDERGROUND CABLE	2422								
10	(COPPER)									
11	CO EGPT - P GAIN	2211								
12	CO EQPT - ESS	: 2212								
13	AERIAL CABLE (FIBER)	, 2421								
15	BURIED CABLE	2423								
	(FIBER)									
17	UNDERGROUND CABLE	2422								
18	(FIBER)									
19	POLE LINE	2411								
	CONDUIT	2441								
2 (SUBTOTAL								
22		TOTALS								

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

^{2 4} NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CPEE.

(a) (b) (c) (d) (e) (f) 1992 (g) (h) (f) (j) USGA LOOP TERN LINE MAUL LOOP TERN LINE MAUL 1995 LOOP TERN LINE MAUL LOOP TERN LINE MAUL 1995 LOOP TERN LINE MAUL LOOP TERN LINE MAUL 100P TERN LINE MAUL 1000P TERN LINE MAUL 100P TERN LINE MAUL 10				TOTAL ANNUAL COSTS	TOTAL HON	THLY COSTS		1993	TOTAL ANNUAL COSTS		HLY COSTS.
LAND 2111 1.0000 1.0000 2.001 2.00	(a)	(b)					1992		(h)	(1)	(1)
LAND 2111 1.0000		USOA	LOOP TERM	LINE HAUL	LOOP TERM		1993	LOOP TERM			
/ LAND 2111 1.0000 2 BUILDING 2121 1.0000 3 BLDG ENTRANCE CBLE 2421 1.0000 4 INTRABLDG CARLE 2421 1.0000 5 AERIAL CABLE 2421 1.0000 6 (COPPER) 1.0000 7 BURIED CABLE 2423 1.0000 9 (COPPER) 1.0000 9 (COPPER) 1.0000 /// (COPPER) 1.0000 // (PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EGUIP	TPI	EQUIP	EOUIP	EGUIP	EGUIP
SUBJUDING 2121 1.0000		••••	•••••	•••••	•••••	•••••••	•••••	•••••		•••••	•••••
2 BUILDING 2121 1.0000 3 BLDG ENTRANCE CBLE 2421 1.0000 4 INTRABLDG CABLE 2421 1.0000 5 AERIAL CABLE 2421 1.0000 6 (COPPER) 1.0000 7 BURIED CABLE 2423 1.0000 9 (COPPER) 1.0000 10 (COPPER) 1.0000 11 J EGPT - P GAIN 2211 12 O ÉGPT - ESS 2212 1.0000 13 AERIAL CABLE 2423 1.0000 14 (FIBER) 1.0000 15 BURIED CABLE 2423 1.0000 16 (FIBER) 1.0000 17 UNDERGROUND CABLE 2423 1.0000 18 GRIED CABLE 2423 1.0000 19 POLE LIME 2411 1.0000 19 POLE LIME 2411 1.0000 10 COMDUIT 2441 1.0000	/ LAND	2111					1.0000	75 0*			
SELDE ENTRANCE CBLE 2421 1.0000							1.0000				
INTRABLIC CABLE 2421 1,0000	내가 많은 이 살려면 가게도 가게 되었다.						1.0000				
5 AERIAL CABLE 2421 6 (COPPER) 7 BURIED CABLE 2423 1.0000 8 (COPPER) 9 UNDERGROUND CABLE 2422 1.0000 10 (COPPER) 11		THE RESERVE THE PARTY OF THE PA					1.0000				
6 (COPPER) 7 BURIED CABLE 2423 1.0000 8 (COPPER) 9 UNDERGROUND CABLE 2422 1.0000 /// (COPPER) // JEOPT - P GAIN 2211 // JEOPT - ESS 2212 1.0000 // (FIBER) // (FIBER) // (FIBER) // UNDERGROUND CABLE 2423 // (FIBER) // UNDERGROUND CABLE 2422 // (FIBER) // POLE LINE 2411 1.0000 20 CONDUIT 2441 1.0000							14-0000				
7 BURIED CABLE 2423 1.0000 8 (COPPER) 9 UNDERGROUND CABLE 2422 1.0000 10 (COPPER) 11	10.18_12_2 1.18 2.18 3.18 18 2.27 4.27 3.18 3.18 2.27 3.18 3.1										
8 (COPPER) 9 UNDERGROUND CABLE 2422 1.0000 /// (COPPER) // JEQPT - P GAIN 2211 // D EQPT - ESS 2212 // AERIAL CABLE 2421 // (FIBER) // POLE LINE 2411 20 CONDUIT 2441 1.0000		9498					1.0000				
9 UNDERGROUND CABLE 2422 10 (COPPER) 11											
// (COPPER) // JEQPT - P GAIN 2211 // 2. 0 ÉQPT - ESS 2212 // 3 AERIAL CABLE 2421 // 4 (FIBER) // 5 BURIED CABLE 2423 // (FIBER) // UNDERGROUND CABLE 2422 // (FIBER) // POLE LINE 2411 20 CONDUIT 2441 1.0000		FAUL STOP THE CO.					1.0000	r.			
// J EQPT - P GAIN 2211 //2 .0 ÉQPT - ESS 2212 //3 AERIAL CABLE 2421 //4 ! (FIBER) //5 BURIED CABLE 2423 //6 (FIBER) //7 UNDERGROUND CABLE 2422 //8 (FIBER) //9 POLE LINE 2411 20 CONDUIT 2441 1.0000											
/2 .0 EQPT - ESS		2211									
3 AERIAL CABLE 2421 14 (FIBER) 15 BURIED CABLE 2423 16 (FIBER) 17 UNDERGROUND CABLE 2422 18 (FIBER) 19 POLE LINE 2411 1.0000 1.							1.0000	i i			
4 (FIBER) 5 BURIED CABLE 2423 6 (FIBER) 7 UNDERGROUND CABLE 2422 8 (FIBER) 9 POLE LINE 2411 20 CONDUIT 2441 1.0000											
15 BURIED CABLE 2423		100									
1/6		2423									
17 UNDERGROUND CABLE 2422 /8 (FIBER) /9 POLE LIME 2411 20 CONDUIT 2441 1.0000											
/8 (FIBER) /9 POLE LIME 2411 20 CONDUIT 2441 1.0000		2422	•								
79 POLE LIME 2411 1.0000 20 CONDUIT 2441 1.0000											
20 CONDUIT 2441 1.0000		2411					1.0000	1			
							1.0000	1			
2/ SUBTOTALS	ZD COMPOTE	•									
	21	SUBTOTALS									
2Z TOTALS	22	TOTALS	***				*				

WORKSHEET
FACILITY TYPE: COPPER CABLE
BAND NUMBER: 6

	STATE	FLA		SERVICE CLASS:		TRANSLINK (C	CS+RPTR)CH5-4	U	
A LOOP	B	MATRIX 2	D HATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	MATRIX 7	ATRIX 8	MATRIX 9
IN FEET	TYPE OF	MIX OF CABLE	LENGTH BY TYPE	INVESTMENT PER	CABLE	TERMINAL	AIR DRYER INVESTMENT	DROP WIRE ADJUSTHENT	DROP WIRE
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR

2 24 GAUGE BURIED 1.000000 3 COPPER 4 CABLE UNDERGRND

1.000000

AERIAL

9 INTRA BLDG CBLE =
9 BLDG ENTR. CBLE =
10 PROB. AERIAL TERM.=
12 AERIAL TERM INV=
13 PROB. BURIED TERM.=
14 SURIED TERM INV=
15 POLE LINE FACTOR =

AERIAL DROP INV. =

SURIED DROP INV. .

POLE LINE INVESTMENT (TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR = CONDUIT INVESTMENT =

(TOTAL UG CA 1NV x FACTOR)

PROS. OF AERIAL DROP= PROS. OF SURIED DROP= PROS ISC =

PROB SEC = INVESTMENT PER PAIR IN CENTRAL OFFICE CONNECTORS =

MISC. COMMON EGPT. & POWER FACTOR = MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR = LAND MYST (CO CONN + MCEEP) x FACTOR =

BUILDING FACTOR ...
BLDG NVST (CO CONN + MCEP) x FACTOR ...

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT .

01-Feb-94

MOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94

FACILITY TYPE: COPPER CABI CIRCUIT QUANTITY: 1 LOOP DISTANCE (FT): 6000 BAND NUMBER: 6

STATE: FLA

	•			Feb. 411. W. 1985 C. S. 1917.	UNIT TMENTS		CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION			ENTS FCR QUANTITY
	(a)	(b)	(e)	(d)	(e)	•	(f)	(g)	(h)	(1)	(j)
	***		FIXED								
		USDA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
								•••••	••••	•••••	•••••
1	LAND	2111-	٧			1					
2	BUILDING	2121	٧			1					
23	BLDG ENTRANCE CBLE	2421	٧			1					
	INTRABLOG CABLE	2421	٧			1					
3	AERIAL" CABLE	2421				4					
	TERM INV	2421	٧			1					
6	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	٧			1					
9	BURIED CABLE .	2423	٧			. 1					
10	TERM INV	2423	٧			1					
11	AIR DRYER	,2423	٧			1					
13	DROP WIRE	2423	٧			1					
13	UNDERGROUND CABLE	2422	٧			1					
15											
15	AIR DRYER	2422	٧								
16	DROP WIRE	2422	٧								
	CONNECTORS	2211	٧								
18	MISC. CELP	2211	٧			- :					
19	POLE LINE	2411	٧								
20	CONDUIT	2441	٧			,					

^{2/} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²² NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND NUMBER:

COPPER CABLE

STATE: FLA

1			1992 INVEST			1992	COSTS	1992 TOTAL HONTH	
	(a)	(p)	(c)	(d)	(e) AXNUAL	(f)	(g)	(1)	(j)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EGUIP
		••••	,		******	••••••	•••••		•••••
1	' LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLDG CABLE	2421							
56	AERIAL TABLE (COPPER)	2421							
7 8	BURIED CABLE (COPPER)	2423					1.5		
9	UNDERGROUND CABLE (COPPER)	2422							
11	CO EQPT - P GAIN	2211							
12	CO EQPT - ESS	2212							
	AERIAL CABLE	2421							
15		2423							
17	UNDERGROUND CABLE (FIBER)	2422							
19		2411							
20		2441							
2!	: 200 ptg	SUBTOTALS	State of						
22		TOTALS							
	1 1 2 1								

^{2 3 :} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DATE = 01-Feb-94 TIME= 08:34 AM CIRCUIT QUANTITY: LOOP DISTANCE (FT) OPPER CARLE

STATE: FLA

			1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL HONT	HLY COSTS
	(a)	(b)	(c)	(d)	(e)	(f)	1992 TO	C 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	(h)	(1)	(1)
		USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT 1TEM	CODE	EQUIP	EOUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	ECUIP
		••••	•••••	••••••	•••••		•••••	••••••	•••••	••••••	•••••
,	LAND	2111					1.0000				
ź	BUILDING	2121					1.0000			9	
3	BLDG ENTRANCE CBL	E 2421					1.0000				
4	INTRABLDG CABLE	2421					1.0000				
56	AERIAL CABLE (COPPER)	2421					14:0000		. •		
7	BURIED CABLE (COPPER)	2423					1.0000				
9	UNDERGROUND CABLE (COPPER)	2422					1.0000				
ii	EQPT - P GAIN,	2211									
12	.O EQPT - ESS	2212					1.0000				
13	AERIAL CABLE (FIBER)	2421				1					
15	BURIED CABLE ,	2423									
17	UNDERGROUND CABLE (FIBER)	2422									
	POLE LINE	2411					1.0000				
	CONDUIT	2441					1.0000				
21		SUBTOTALS									
2	2	TOTALS									

²³ HOTE 1. ADDADENT INCOMETETANCIES PAUSED BY COMPUTED BOUNDING

WORKSHEET COPPER CABLE FACILITY TYPE: DATE = 01-Feb-94 BAND NUMBER: TIME= 08:34 AM TRANSLINK (CPCS+RPTR)CK5-4W STATE: FLA SERVICE CLASS: 6 D MATRIX 6 MATRIX 7 MATRIX 8 MATRIX 5 LOOP MATRIX 2 MATRIX 3 CABLE RELATIVE LOOP LENGTH AIR DRYER DROP WIRE DROP WIRE MIX OF LENGTH INVESTMENT CABLE TYPE OF IN FEET INVESTMENT ADJUSTMENT ADJUSTMENT TERMINAL CABLE CABLE BY TYPE PER INVESTMENT AND INVESTMENT PER PAIR PER PAIR PER PAIR PLANT TYPES OF PLANT PAIR FOOT DESIGN AERIAL 7000.00 1.000000 BURIED 24 GAUGE COPPER CABLE UNDERGRND 1.000000 PROS. OF AERIAL DROP-AERIAL DROP INV. & PROS. OF BURIED DROP-BURIED DROP INV. = PROS 18C = INTRA BLDG CBLE = PROS BEC = BLDG ENTR. CBLE = INVESTMENT PER PAIR IN CENTRAL OFFICE CONNECTORS = PROB. AERIAL TERM.= MISC. COMMON EOPT. & POWER FACTOR . AERIAL TERM INV= HCESP INVESTMENT (CO CONN x FACTOR) PROB. BURIED TERM.= /4 BURIED TERM INV= 15 POLE LINE FACTOR = LAND FACTOR = LAND MVST (CO CONN + MCESP) X, FACTOR = POLE LINE INVESTMENT

BUILDING FACTOR =

BLDG HVST (CO CONN + MCEP) x FACTOR =

(TOTAL UG CA INV x FACTOR) 20

UG CONDUIT FACTOR .

19 CONDUIT INVESTMENT =

(TOTAL AER CA 1WV x FACTOR)

10

- 2 / NOTE T: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.
- 22 NOTE 2: MATRIX 8 MATRIX 5 x DROP WIRE ADJUSTMENT
- 23 NOTE 3: MATRIX 6 & 9 = INVESTMENT X PROBABILITY OF OCCURANCE.
- 24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

CIRCUIT QUANTITY:

LOOP DISTANCE (FT): BAND NUMBER:

					UNIT		CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION	20	INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(1)	(1)
	PLANT ITEM	CODE	VAR1 SUNK	EQUIP	LINE HAUL EQUIP	CIRCUIT	LOOP TERM EQUIP	EQUIP	FILL	EQUIP	EQUIP
3	LAND	2111	v			٠,					
-	BUILDING	2121	v			1					
3	BLDG ENTRANCE CBLE	2421	Ÿ			1					
	INTRABLOG CABLE	2421	.v			1					
5	AERIAL CABLE	2421	v			4					
1	TERM INV	2421	v			1					
67	AIR DRYER	2421	v			1					
8	DROP WIRE	2421	٧			1					
8	BURIED CABLE	2423	Y			1					
10	TERM INV	2423	V			1					
11	AIR DRYER	2423	٧			1					
12	DROP VIRE	2423	٧			1					
13	UNDERGROUND CABLE	2422				1					
14	AIR DRYER .	2422	V			1					
15		2422	٧			_ 1					
16	CONNECTORS	2211	٧			1					
17	MISC. CELP	2211	٧			1					
18	POLE LINE	2411	٧			1					
19	CONDUIT	2441	٧			1					

²⁶ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING. 2(NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND WUMBER:

			1992 INVEST				COSTS	TOTAL HONTH	LY COSTS
	(6)	(p)	(e)	(d)	(e) ANNUAL	(1)	(9)	(1)	(1)
		USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LIME HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EGUIP
		•••	•••••		•••••	••••••	•••••	•••••	•••••
,	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLDG CABLE	2421							
5	AERIAL CABLE	2421	regrade to the						
6	(COPPER)								
7	BURIED CABLE	2423							
8	(COPPER)								
9.	UNDERGROUND CABLE	2422							
10	(COPPER)								
11	CO EQPT - P GAIN	2211							
12	CO EQPT - ESS	2212							
13	AERIAL CABLE (FIBER)	2421							
15	BURIED CABLE	2423							
16	(FIBER)								
17	UNDERGROUND CABLE	2422							
18	(FIBER)								
19	POLE LINE	2411							
20	CONDUIT	2441							
21		SUBTOTALS							
22		TOTALS							

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING. 2 ϕ NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CPEE.

DATE = 01-Feb-94

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): COPPER CABLE 1 7000 7

STATE: FLA

			TOTAL ANNUAL COSTS	TOTAL MON	THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL HONT	
(a)	(p)	(c)	(d)	(e)	(f)	1992 TO		(h)	(1)	(1)
	USQA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL		
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EOUIP	EQUIP	EQUIP	EQUIP
	••••	••••••		•••••	••••••	•••••		••••••		•••••
/ LAND	2111				1	1.0000				
7 BUILDING	2121					1.0000				
3 BLDG ENTRANCE CBLE						1.0000				
4. INTRABLOG CABLE	2421					1.0000				
5 AERIAL CABLE (COPPER)	2421					1:0000		•		
7 BURIED CABLE 8 (COPPER)	2423					1.0000				
9 UNDERGROUND CABLE	2422					1.0000				
// EQPT - P GAIN	2211									
/2 JO EOPT - ESS	2212					1.0000				
13 AERIAL CABLE 14 (FIBER)	2421									
15 BURIED CABLE	2423									
/7 UNDERGROUND CABLE /8 (FIBER)	2422									
19 POLE LINE	2411					1.0000				
20 CONDUIT	2441					1.0000				
21	SUBTOTALS					. :				
22	TOTALS					1				

²² NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DROP WIRE DROP WIRE

ADJUSTMENT ADJUSTMENT

				WORKSHEET			60111	1.1
			1	FACILITY TYPE:	COPPER CABLE			
	DATE =	01-Feb-94		BAND NUMBER:	8			
	TIME						•	
	STATES	FLA		SERVICE CLASS:		TRANSLINK (CP	CS+RPTR)CH5-4	W
A	B	C	D	E	F	.6	·H	
LOOP	U	MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	MATRIX 7	,
LENGTH		RELATIVE	LOOP	CABLE				_
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	Seekennee	AIR DRYER	D
AND	CABLE	CABLE	. BY TYPE		INVESTMENT	TERMINAL	INVESTMENT	A
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	
		•••••	•••••	•••••		••••••	•••••	•
8000.00	AERIAL							
24 GAUGE COPPER	BURTED	1.000000						
CABLE	UNDERGRND							
	ar war and							
		1.000000						٠
							1 .	
AERIAL DRO	P INV.			PROS. OF AERIAL DE		v		(
BURIED DRO				PROB. OF BURIED DE	tOP=			
INTRA BLDG	CBLE .			PROB 1BC =				
BLDG ENTR.	CBLE =	4.7		PROB BEC =	· · · · · · · · · · · · · · · · · · ·			
				INVESTMENT PER PA	R IN CENTRAL OF	FICE		
PROB. AERI	AL TERM.=			CONNECTORS =				
AERIAL TER	and the same of the same of the same			MISC, COMMON EOPT.				
PROB. BURI				HCELP INVESTMENT	CO CONN X PACTO	m, -		
BURIED TER				1 AND 546700 -				
POLE LINE				LAND FACTOR =	- MCEED) v 540	TOP #.		
POLE LINE				CARD MAST (CO COM	- MEERY A PAG			
(TOTAL	AER CA INV	x FACTOR)						
100								

BUILDING FACTOR .

BLDG MYST (CO CONN + MCEP) X FACTOR =

- Z | NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

67 3901234567

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

- 27 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT
 23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.
 24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

TIME - 08:34 AM

COPPER CABLE FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): 8000 BAND NUMBER:

					UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR GUANTITY ILIZATION		INVESTM	UNIT ENTS FOR QUANTITY ILIZATION
	(*)	(p)	(c) FIXED	(d)	(e)		(1)	(8)	(h)	(1)	(j)
		USDA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
		••••			•••••	•••••	•••••	•••••	••••	•••••	•••••••
1	LAND	2111				1					
. 2	BUILDING	2121	٧			1					
3	BLDG EXTRANCE CBLE	2421	٧			1					
4	INTRABLDG CABLE	2421	٧			1	,				
5	AERIAL CABLE	2421	٧			4					
6	TERM INV	2421	٧			1					
7	AIR DRYER	2421	٧.			1					
7	DROP WIRE	2421	٧			1					
9	BURIED CABLE	2423	٧			. 1					
10	TERM INV	2423	. y			1					
11	AIR DRYER	2423	٧			1					
12	DROP WIRE	2423	V!			1					
13	UNDERGROUND CABLE	2472	٧	•		1					
14						1					
15	_ AIR DRYER	2422	٧			1					
16	DROP WIRE	2422	٧			1					
17	CONNECTORS	2211	V			1					
18	MISC. CELP	2211	٧			1					
19	POLE LINE	2411	٧			1					
20	CONDUIT	2441	٧			1					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING. NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

LOOP DISTANCE (FT): BAND HUMBER: 8000

IHE- 08:34 AM

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

2 4 NOTE 2: CO EGPT - ESS = CONNECTORS + MISC. CPAE.

			1992 INVEST	UNIT		1992	TOTAL ANNUAL COSTS	TOTAL MONTH	
	(a)	(p)	(e)	(d)	(e) ANNUAL	(1)	(g)	(1)	(1)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EOUIP	FACTOR	EQUIP	EQUIP	EQUIP	EGUIP
	***************************************	••••	••••••	•••••	•••••	••••••	••••••	•••••	•••••
,	LAND	2111							
2	BUILDING	2121							
	BLDG ENTRANCE CBLE	2421							
3	INTRABLDG CABLE	2421							
5	AERIAL CABLE (COPPER)	2421							
478	BURIED CABLE (COPPER)	2423							
9	UNDERGROUND CABLE (COPPER)	2422							
11	CO EQPT - P GAIN	2211							
12	CO EQPT - ESS	2212							
13	AERIAL CABLE (FIBER)	2421							
15	BURIED CABLE (FIBER)	2423							
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20	CONDUIT	2441							
21		SUBTOTALS							
22		TOTALS							

⁵⁻⁴²

DATE = 01-Feb-94 TIME= 08:34 AM FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT) BAND NUMBER:

OPPER CABLE 1 8000 8

STATE: FLA

		1992	TOTAL ANNUAL COSTS	1992 TOTAL MON	THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL HONT	MLY COSTS
(a)	(b)	(e)	(d)	(e)	(1)	1992 TO	(9)	(h)	(1)	(1)
	ÚSOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL		LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	••••	•••••		••••••		•••••	•••••	•••••	••••••	••••••
LAND	2111					1.0000				
DILDING	2121					1.0000				
SLDG ENTRANCE CBLE	2421					1.0000				
INTRABLOG CABLE	2421					1.0000				
AERIAL CABLE .	2421					1.0000				
SURIED CABLE (COPPER)	2423					1,0000				
UNDERGROUND CABLE (COPPER)	2422					1.0000				
· EGPT - P GAIN	2211									
O EQPT - ESS	2212					1.0000				
AERIAL CABLE (FIBER)	2421					1				
BURIED CABLE (FIBER)	2423									
UNDERGROUND CABLE (FIBER)	2422									
POLE LINE	2411					1.0000				
CONDUIT	2441					1.0000				
	SUBTOTALS									
	TOTALS									

^{\$ 7} NOTE 1. APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

			01-Feb-94 08:34 AM		WORKSHEET FACILITY TYPE: BAND NUMBER:	COPPER CABLE	į.		
•									VOT
		STATE:	FLA		SERVICE CLASS:	Extra _	TRANSLINK (C		
	A .	B	MATRIX 2 RELATIVE	D MATRIX 3 LOOP	HATRIX 4 CABLE	HATRIX 5	MATRIX 6	HATRIX 7	HATRIX 8
	LENGTH IN FEET AND	TYPE OF CABLE	MIX OF CABLE	LENGTH BY TYPE	INVESTMENT PER	INVESTMENT	TERMINAL	AIR DRYER INVESTMENT	DROP WIRE
	DESIGN	PLANT	TYPES	OF PLANT			INVESTMENT	PER PAIR	PER PAIR
		•••••	•••••	•••••		•••••	•••••		
1	9000.00	AERIAL							
2	24 GAUGE COPPER	BURTED	1.000000						
	CABLE	UNDERGRND							
4	Cibes								
5			1.000000						
_									
6	AERIAL DRO	INV.s			PROS. OF AERIAL	DROP=	U		
7	BURIED DRO	INV.=			PROB : OF BURIES	DROP= .			
789	INTRA BLDG	CBLE =			PROB 1BC =				
9	BLDG ENTR.	CBLE =			PROB BEC =	era e c			
10					요470명원(2012년) 12.1년	PAIR IN CENTRAL OF	FICE		
11	PROB. AERI	AL TERM.=			CONNECTORS =				
	AERIAL TER					OPT. & POWER FACTOR			
	PROS. BURI	THE RESERVE OF THE PARTY OF THE			MCEEP INVESTME	NT (CO CONN x FACTO	K) =		
	BURIED TER				1440 545700 -				
15	POLE LINE				LAND FACTOR =	CONN + MCEEP) X FAC	702 =		
17	(TOTAL		x FACTOR)		DARD RYSI (CO.	conn - necery x rae			
18	UG CONDUIT	FACTOR =			BUILDING FACTOR	R =			
19	CONDUIT IN				BLDG MVST (CO	CONN + MCEP) X FACT	OR =		
20		UG CA INV							
21					BY COMPUTER ROU	HDING.			
22	NOTE 2: M	ATRIX 8 =	MATRIX 5 x	DROP WIRE	AD JUSTMENT	Section 1			

FACILITY TYPE: CIRCUIT QUANTITY: COPPER CABLE

9000

DATE = 01-Feb-94 TIME= 08:34 AM LOOP DISTANCE (FT): BAND NUMBER:

9

STATE: FLA

								Sec.			0.0002
			10.7% - 340		TINU		INVESTM	UNIT ENTS FOR QUANTITY		INVESTM	UNIT ENTS FOR QUANTITY
				10011/1011	THENTS			ILIZATION			LIZATION
								••••••			
	(8)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(1)	(1)
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	
	PLANT ITEM	CODE	SUNK	EQUIP	EOUIP	QUANTITY	EOUIP	EQUIP	FILL	EQUIP	EQUIP
		••••	•••••			•••••		•••••	••••	••••••	•••••
1	LAND	2111	v			. 1					
2	BUILDING	2121	٧			1					
3.	BLDG ENTRANCE CBLE	2421	٧			1					
4	INTRABLOG CABLE	2421	٧		Sec.	1					
5	AERIAL CABLE	2421	V			4					
6:		2421	٧			1					
678	AIR DRYER	2421	٧			1					
	DROP WIRE	2421	٧			1					
7	BURIED CABLE	2423	V			1					
10	TERM INV	2423	٧			1					
11	AIR DRYER	2423	N	3.3		1					
12	DROP WIRE	2423	٧			1					
131	UNDERGROUND CABLE	2422	٧			. 1					
14						1					
15	AIR DRYER	2422	N			1					
16	DROP WIRE	2422	٧			1					
17	CONNECTORS	2211	٧			1					
18	MISC. CEEP	2211	٧			1					
19	POLE LINE	2411	٧			1					
20	CONDUIT	2441	٧			1					

^{2 /} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²² NOTE 2: DROP WIRE = MATRIX 8 + MATRIX

CIRCUIT QUANTITY:

LOOP DISTANCE (FT): BAND NUMBER:

STATE: FLA

DATE = 01-Feb-94

(a) PLANT ITEM	(b) USQA CODE	(c)	(d)	(e)	(f)	(9)		•••••
PLANT ITEM	USQA				(f)	(0)		
a service of the serv		LOOP TERM		ANNUAL			(1)	(j)
a service of the serv	CODE		LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
		EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
	••••		•••••	•••••	•••••		•••••	•••••
	2111							
DING	2121							
ENTRANCE CBLE	2421							
ABLDG CABLE	2421							
	2421							
	2423							
	45							
RGROUND CABLE	2422							
	2211							
	COLUMN TOWNS OF THE PARTY OF TH							
AL CABLE	2421							
ED CABLE	2423							
RGROUND CABLE	2422							
LINE	2411							
TIUC	2441							
	SUBTOTALS							
	TOTALS	36.000						
THE COLUMN THE PARTY OF THE PAR	ENTRANCE CBLE ASLDG CABLE ALL'CABLE COPPER) ED CABLE COPPER) RGROUND CABLE COPPER) OPT - P GAIN OPT - ESS AL CABLE FIBER) ED CABLE FIBER) RGROUND CABLE FIBER) LINE	ENTRANCE CBLE 2421 ABLDG CABLE 2421 AL CABLE 2421 COPPER) ED CABLE 2423 COPPER) REGROUND CABLE 2422 COPPER) ADPT - P GAIN 2211 ADPT - ESS 2212 AL CABLE 2421 FIBER) ED CABLE 2423 FIBER) ED CABLE 2423 FIBER) LINE 2411 UIT 2441 SUBTOTALS	ENTRANCE CBLE 2421 ABLDG CABLE 2421 AL CABLE 2421 COPPER) ED CABLE 2423 COPPER) REGROUND CABLE 2422 COPPER) APT - P GAIN 2211 APT - ESS 2212 AL CABLE 2421 FIBER) ED CABLE 2423 FIBER) ED CABLE 2423 FIBER) LINE 2411 UIT 2441 SUBTOTALS	ENTRANCE CBLE 2421 ABLOG CABLE 2421 AL 'CABLE 2421 COPPER) ED CABLE 2423 COPPER) REGROUND CABLE 2422 COPPER) APT - P GAIN 2211 APT - ESS 2212 AL CABLE 2421 FIBER) ED CABLE 2423 FIBER) ED CABLE 2423 FIBER) LINE 2411 SUBTOTALS	ENTRANCE CBLE 2421 ABLOG CABLE 2421 AL CABLE 2421 COPPER) ED CABLE 2423 COPPER) REGROUND CABLE 2422 COPPER) APT - P GAIN 2211 APT - ESS 2212 AL CABLE 2421 FIBER) ED CABLE 2423 FIBER) ED CABLE 2423 FIBER) LINE 2411 UIT 2441 SUBTOTALS	ENTRANCE CBLE 2421 ABLOG CABLE 2421 AL CABLE 2421 COPPER) ED CABLE 2423 COPPER) REGROUND CABLE 2422 COPPER) APT - P GAIN 2211 APT - ESS 2212 AL CABLE 2421 FIBER) ED CABLE 2423 FIBER) ED CABLE 2423 FIBER) LINE 2411 UIT 2441	ENTRANCE CBLE 2421 AL CABLE 2421 COPPER) ED CABLE 2423 COPPER) REGROUND CABLE 2422 COPPER) APT - P GAIN 2211 APT - ESS 2212 AL CABLE 2421 FIBER) ED CABLE 2423 FIBER) LINE 2411 UIT 2441 SUBTOTALS	ENTRANCE CBLE 2421 USLOG CABLE 2421 L'CABLE 2421 COPPER) ED CABLE 2423 COPPER) REROUND CABLE 2422 COPPER) APT - P GAIN 2211 ADPT - ESS 2212 AL CABLE 2423 FIBER) ED CABLE 2423 FIBER) LINE 2411 SUBTOTALS

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING. 24 NOTE 2: CO EOPT - ESS = CONNECTORS + MISC. CPAE.

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

			TOTAL ANNUAL COSTS	TOTAL HON	THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL MONT	
(a)	(p)	(c)	(d)	(e)	(1)	1992 TO		(h)	(1)	(1)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL			LINE HAUL		LINE HAUL
PLANT ITEM	CODE	EOUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	••••	••••••	•••••	•••••	•••••	•••••		•	•••••	••••••
/ LAND	2111				The Control of the Control	1.0000		*		
2 BUILDING	2121					1.0000				
3 BLDG ENTRANCE CBL	E 2421					1.0000				
4 INTRABLDG CABLE	2421					1.0000				
5 AERIAL CABLE 6 (COPPER)	2421					14:0000		•		
7 BURIED CABLE & (COPPER)	2423					1.0000				
9 UNDERGROUND CABLE	2422					1.0000				
// EGPT - P GAIN	2211									
12 .0 EQPT - ESS	2212					1.0000				
/3 AERIAL CABLE // (FIBER)	2421									
15 BURIED, CABLE	2423									
/7 UNDERGROUND CABLE	2422									
19 POLE LINE	2411					1.0000				
ZO CONDUIT	2441					1.0000				
21	SUBTOTALS									
22	TOTALS									

HORKSHEET FACILITY TYPE: BAND NUMBER:

COPPER CABLE

TIME= 08:34 AM

	STATE	FLA		SERVICE CLASS:		TRANSLINK (CF	CS+RPTR)CH5-4	v	
A LOOP	B	MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	HATRIX 8	MATRIX 9
LENGTH IN FEET AND DESIGN	TYPE OF CABLE PLANT	RELATIVE MIX OF CABLE TYPES	LENGTH BY TYPE - OF PLANT	CABLE INVESTMENT PER PAIR FOOT	CABLE INVESTMENT PER PAIR	TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	PER PAIR	DROP WIRE ADJUSTMENT PER PAIR
		•••••	•••••	•••••		•••••	•••••	•••••	••••••

10000.00 AERIAL

2 24 GAUGE BURIED 1.000000 COPPER CABLE UNDERGRAD

1.000000

BURIED DROP INV.

INTRA BLDG CBLE = BLDG ENTR. CBLE =

PROB. AERIAL TERM.=

2 AERIAL TERM THV=

PROB. BURIED TERM.

W BURIED TERM INV=

POLE LINE FACTOR =

(TOTAL AER CA INV x FACTOR)

8 UG CONDUIT FACTOR =

20

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROS. OF AERIAL DROP= PROS. OF BURIED DROP= PROS IBC =

PROB BEC -

INVESTMENT PER PAIR IN CENTRAL OFFICE .

CONNECTORS =

MISC. COMMON EGPT. & POWER FACTOR = MCEAP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR =

LAND MYST (CD CONN + MCEEP) X FACTOR =

BUILDING FACTOR =

BLDG MVST (CO CONN + MCEP) X FACTOR .

- 2/ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.
- 27 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT
- 23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.
- 24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,86).

LOOP DISTANCE (FT):

					UNIT		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		1992 INVESTME CIRCUIT INCL. UT	NTS FOR OUANTITY
	(a)	(p)	(c) FIXED	(d)	(e)		(f)	(9)	(h)	(1)	())
		USQA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EOUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EGUIP
		••••		•••••	•••••	•••••	••••••	•••••	••••	•••••	•••••
,	LAND .	2111				1					
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	٧			1					
4	INTRABLOG CABLE	2421	٧			1					
5	AERIAL CABLE	2421	٧			4					
67	TERM INV	2421	٧			1					
7	AIR DRYER	2421	. v			1					
8	DROP WIRE	2421	٧			1		1.6			
9	BURIED CABLE	2423	٧			1					
10	TERM 1NV	2423	٧			1					
//	AIR DRYER	2423	٧			- 1					
12	DROP WIRE	2423	1 V			1					
13	UNDERGROUND CABLE	2422	18			1					
15	AIR DRYER	2422	. v			1					
15	DROP WIRE	2422	٧			1					
17	CONNECTORS	2211	٧			1					
18	MISC. CEEP	2211	v			1					
19	POLE LINE	2411	V			1					
20	CONDUIT	2441	٧			1					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

FACILITY TYPE:

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

BAND NUMBER:

			1992 18VEST			1992	COSTS	TOTAL MONTH	
	(a)	(p)	(e)	(d)	(e) ANNUAL	(1)	(g)	(1)	(j)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
		••••		••••••	•••••	••••••	•••••	•••••	••••••
1	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLOG CABLE	2421							
56	AERIAL CABLE (COPPER)	2421							
7	BURIED CABLE	2423							
8	(COPPER)								
9	UNDERGROUND CABLE (COPPER)	2422							
11	CO EOPT - P GAIN	2211							
12	CO EQPT - ESS	2212							
13	AERIAL CABLE (FIBER)	2421							
15	BURIED CABLE (FIBER)	2423							
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20	CONDUIT	2441							
21		SUBTOTAL							
22		TOTALS							

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

HOTE 2: CO EOPT - ESS = CONNECTORS + HISC. CPEE.

			1992	TOTAL ANNUAL COSTS	TOTAL HO	THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL MONT	HLY COSTS
	(a)	(b)	(c)	(d)	(e)	(f)	1992 TO		(h)	(1)	(;)
		USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993		LINE HAUL		LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EGUIP
		••••		•••••	•••••	••••••	•••••	•••••	••••••	•••••	••••••
,	LAND	2111					1.0000				
2	BUILDING	2121					1.0000				
3	BLDG ENTRANCE CBLE						1.0000				
4	INTRABLOG CABLE	2421					1.0000		-		
5	AERIAL CABLE	2421					1.0000				
57	(COPPER) BURIED CABLE	2423					1.0000				
209 10	(COPPER) UNDERGROUND CABLE (COPPER)	2422					1.0000				
11	EQPT - P GAIN	2211									
12	O EQPT - ESS	2212					1.0000				
13		2421 :									
15	BURIED CABLE	2423									
11	(FIBER) UNDERGROUND CABLE	2422					•				
18	(FIBER)										
19	POLE LINE	2411					1.0000				
	CONDUIT	2441					1.0000				
21		SUBTOTALS									
Z	2										
		TOTALS									

	DATE =	01-Feb-94 08:35 AM		WORKSHEET FACILITY TYPE: BAND NUMBER:	COPPER CABLE		601	VLIDEI	VIIAL
*.	*****			SERVICE CLASS:		TRANSLINK (CP	CS+RPTR)CH5-4	U	
A LOOP LENGTH	B STATE:	MATRIX 2 RELATIVE	D HATRIX 3 LOOP	MATRIX 4	MATRIX 5	. MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9 WEIGHTED
IN FEET AND DESIGN	TYPE OF CABLE PLANT	MIX OF CABLE TYPES	BY TYPE	INVESTMENT	CABLE INVESTMENT PER PAIR	TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR
				 1	•••••	••••••	•••••	•••••	•••••
11000.00	AERIAL								
24 GAUGE COPPER	BURIED	1.000000							
CABLE	UNDERGRND								
- 2		1.000000							
AERIAL DROP	INV.			PROS. OF AERIAL DI	ROP=	u .			
BURIED DROP		. 75		PROS. OF BURIED DE	top=				
INTRA BLDG		1		PROB ISC =					
BLDG ENTR.				PROB BEC .					
DEDU ENINE				INVESTMENT PER PA	IR 'IN CENTRAL OF	FICE			
PROB. AERIA	TEDM -			CONNECTORS =					
AERIAL TER				MISC. CONMON EGPT.	& POWER FACTOR				
PROB. BUR11				HCEAP INVESTMENT					:
BURIED TERM									
POLE LINE	2000			LAND FACTOR =					
POLE LINE	INVESTMENT	x FACTOR)	•	LAND MYST (CO COM	# + MCEEP) x FAC	TOR			
UG CONDUIT	FACTOR =			BUILDING FACTOR =					
CONDUIT IN	VESTMENT =			BLDG HVST (CO COM	N + MCEP) x FACT	for =			

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

234

5 67891112134547 18920

²² NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT
23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.

²⁴ NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

FACILITY TYPE: CIRCUIT QUANTITY: COPPER CABLE

01-Feb-94

LOOP DISTANCE (FT):

11000

STATE: FLA

					F 14.5			John St.			
- 27				Tomper.				UNIT			UNIT
	1.37							ENTS FOR			ENTS FOR
				1992	UNIT			OUANT I TY			YTTTKAU0
				INVES	THENTS		EXCL. UT	ILIZATION		· INCL. UT	ILIZATION
				•••••	••••••	•	•••••	•••••		•••••	•••••
	(a)	(b)	(e)	(d)	(e)		(1)	(8)	(h)	(1)	(j)
			FIXED								
		USDA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE		LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EOUIP	EQUIP	FILL	EQUIP	EQUIP
*	•••••	••••		•••••		•••••	•••••	•••••	••••	•••••	•••••
1	LAND	2111	٧			1					
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	. V			1					
4	INTRABLDG CABLE	2421				1					
5	AERIAL CABLE	2421	٧			9					
5	TERM INV	2421	٧			1					
	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	٧			1					
9	BURIED CABLE	2423	V			1					
10	TERM 1NV	2423	V			1					
11	AIR DRYER	2423	٧			1					
12	DROP WIRE	2423	٧			1					
13	UNDERGROUND CABLE	2422	' V			1					
14						1					
15	AIR DRYER	2422	٧			. 1					
16	DROP WIRE	2422	٧			1					
17	CONNECTORS	2211	٧			1					
18	MISC. CELP	2211	٧			1					
19	POLE LINE	2411	٧			1					
20	CONDUIT	2441	٧			1					

^{2/} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²² NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 5

FACILITY TYPE:

CIRCUIT QUANTITY:

11000 11

LOOP DISTANCE (FT): BAND NUMBER:

STATE: FLA

08:35 AM

			1992 INVEST			1992	TOTAL ANNUAL COSTS	1992 TOTAL MONTH	ILY COSTS	
						(1)	(g)	(1)	(j)	
	(a)	(p)	(c)	(d)	(e) ANNUAL	(1)	(9)	,	1,7	
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
	PLANT TIEN							•••••	•••••	
1	LAND	2111								
2	BUILDING	2121								
.3	BLDG ENTRANCE CBLE	2421								
4	INTRABLDG CABLE	2421								
5	AERIAL CABLE	2421								
6	(COPPER)									
7	BURIED CABLE	2423								
8	(COPPER)									
9	UNDERGROUND CABLE (COPPER)	2422								
11	CO EQPT - P GAIN	2211								
12	CO EQPT - ESS	2212								
13	AERIAL CABLE	2421								
14	(FIBER)									
15	BURIED CABLE	2423								
16	(FIBER)									
17	UNDERGROUND CABLE	2422								
18	(FIBER)				Allera of					
19	POLE LINE	2411								
20	CONDUIT	2441								
21		SUSTOTALS	1, 100							
22		TOTALS								
					<u> </u>					
					1					

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING:

²⁴ NOTE 2: CO EGPT - ESS = CONNECTORS + MISC. CPEE.

			1992	TOTAL ANNUAL COSTS	1992 TOTAL HON	THLY COSTS .		1993	TOTAL ANNUAL COSTS	1993 TOTAL MONT	HLY COSTS
	(a)	(p)	(e)	(d)	(e)	(f)	1992 TO		(h)	(1)	(1)
9		USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
0	PLANT ITEM	CODE	EQUIP	EQU1P	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EOUIP	EQUIP
	**********	••••		••••••	••••••	•••••	•••••	•••••	•••••	•••••	••••••
1	LAND	2111				-	1.0000				
2	BUILDING	2121					1.0000				
,	BLOG ENTRANCE CBLE	2421					1.0000				
4	INTRABLDG CABLE	2421					1.0000				
56	AERIAL CABLE (COPPER)	2421					140000				
7	BURIED CABLE (COPPER)	2423					1.0000				
70	UNDERGROUND CABLE (COPPER)	2422					1.0000				
11	EQPT - P GAIN	2211									
12	.O EQPT - ESS	2212					1.0000				
13	AERIAL CABLE (FIBER)	2421					1				
15	BURIED CABLE (FIBER)	2423									
17	UNDERGROUND CABLE (FIBER)	2422									
9	POLE LINE	2411					1.0000				
20	CONDUIT	2441					1.0000				
21		SUBTOTALS	w I				*				
22		TOTALS									

WORKSHEET FACILITY TYPE: DATE = 01-Feb-94 BAND NUMBER:

TIME=	08:35	HA

	STATE:	FLA		SERVICE CLASS:		TRANSLINK (C	PCS+KPIK)CN3-4	-	_
LOOP	B	MATRIX 2	D MATRIX 3	. MATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	MATRIX 8	MATRIX 9
LENGTH IN FEET AND DESIGN	TYPE OF CABLE PLANT	RELATIVE MIX OF CABLE TYPES	LENGTH BY TYPE OF PLANT	CABLE INVESTMENT PER PAIR FOOT	CABLE INVESTMENT PER PAIR	TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR	DROP VIRE ADJUSTMENT PER PAIR
********	•••••	•••••	******	******	•••••	•••••			

AERIAL 12000.00

AERIAL DROP INV. =

BURIED 24 GAUGE COPPER CABLE

1,000000

7890 BURIED DROP INV.= INTRA BLDG CBLE = BLDG ENTR. CBLE = PROS. AERIAL TERM. 11 12 AERIAL TERM INV PROS. BURIED TERM." 13 BURIED TERM INV=

IS POLE LINE FACTOR . 16 POLE LINE INVESTMENT (TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR # CONDUIT INVESTMENT = 20

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP-PROB. OF BURIED DROP-PROS ISC = PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE CONNECTORS = MISC. COMMON EGPT. & POWER FACTOR . MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR = LAND MYST (CO CONN + MCEEP) X FACTOR =

BUILDING FACTOR = BLDG MYST (CO CONH + MCEP) x FACTOR =

21 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

22 NOTE 2: MATRIX 8 - MATRIX 5 x DROP WIRE ADJUSTMENT

23 NOTE 3: MATRIX 6 & 9 = INVESTMENT X PROBABILITY OF OCCURANCE.

34 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

CIRCUIT QUANT

COPPER CABLE

TIME= 08:35 AM

LOOP DISTANCE

12000

STATE: FLA

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

				UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
(a)	(b)	(e)	(d)	(e)	ST . 1 3	(f)	(8)	(h)	(1)	(1)
	V+01000	FIXED								
	USDA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EOUIP	EQUIP	FILL	EQUIP	ECUIP
	••••	•••••	••••••	•••••	•••••	······	••••••	••••	••••••	••••••
LAND	2111	٧			1					
BUILDING	2121	V			1					
BLDG ENTRANCE CBLE	2421	٧			1					
INTRABLDG CABLE	2421	٧			1					
AERIAC CABLE	2421				4					
TERN INV	2421				1	:				
AIR DRYER	2421	٧			1					
DROP WIRE	2421	٧			1					
BURIED CABLE	2423	٧			1					
TERM INV	2423	٧			1					
AIR DRYER	2423	V			1	12				
DROP WIRE	2423	٧			1	i				
UNDERGROUND CABLE	2422	v			1	,				
AIR DRYER	2422	٧			i					
DROP WIRE	-2422	٧.			1					
CONNECTORS	2211	٧			1					
MISC. CELP .	. 2211	٧			1					
POLE LINE	2411	٧			1					
CONDUIT	2441	٧			1					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

12345678901123456789

21

		1992 1NVEST	UNIT			TOTAL ANNUAL COSTS	TOTAL MONTH	
(*)	(p)	(e)	(d)	(e)	(1)	. (9)	(1)	(1)
	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
	••••		,		•••••	••••••		
LAND	2111							
BUILDING	2121							
BLDG ENTRANCE CBLE	2421							
INTRABLOG CABLE '								
AERIAL CABLE (COPPER)	2421							
BURIED CABLE (COPPER)	2423	95 550					×	
UNDERGROUND CABLE (COPPER)	2422							
CO EGPT - P GAIN	2211							
CO EGPT - ESS	2212							
AERIAL CABLE (FIBER)	2421							
BURIED CABLE (FIBER)	2423							
UNDERGROUND CABLE (FIBER)	2422							
POLE LINE	2411							
CONDUIT	2441							
	SUBTOTALS							
	TOTALS							
NOTE 1: APPARENT 1 NOTE 2: CO EQPT -				ROUND I NG.	!			

DATE = 01-Feb-94

FACILITY TYPE: ...

COPPER CABL

1

RAND NUMBER:

12000

STATE: FLA

									1002	
		1992	TOTAL ANNUAL		THLY COSTS		1993	TOTAL ANNUAL	1993 TOTAL MONT	MLY COSTS
			COSTS	TOTAL MOS						
(a)	(b)	(e)	(d)	(0)	(1)	1992 TO	(8)	(h)	(1)	(j)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EOUIP
	••••	••••••	•••••	•••••	**********	•••••	•••••	•••••	••••••	••••••
/ LAND	2111					1.0000				
2 BUILDING	2121					1.0000				
3 BLDG ENTRANCE CBLE						1.0000				
# INTRABLOG CABLE	2421		•			1.0000				
5 AERIAL CABLE	2421					150000				
6 (COPPER)										
7 BURIED CABLE 2 (COPPER)	2423					1.0000				
9 INDERGROUND CABLE	2422					1.0000				
// . EQPT - P GAIN	2211	Mary M. Free								
12 _O EOPT . ESS	2212					1.0000				
13 AERIAL CABLE 14 (FIBER)	2421						1			
15 BURIED CABLE	2423									
/6 (FIBER) .										
/7 UNDERGROUND CABLE /8 (FIBER)	2422									
19 POLE LINE	2411					1.0000				
→ CONDUIT	2441					1.0000				
21	SUBTOTALS									
22	TOTALS									

²³ NOTE 1. APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

	DATE =	01-Feb-94 08:35 AM		WORKSHEET FACILITY TYPE: C BAND NUMBER:	OPPER CABLE			טָעו ועון	NIIAL
	STATE:	The second secon	ŕ	SERVICE CLASS:	=	TRANSLINK (CP	CS+RPTR)CH5-4	" —	7
LOOP	B.	MATRIX 2 RELATIVE	MATRIX 3	HATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	HATRIX 8	MATRIX 9
IN FEET	TYPE OF CABLE	MIX OF CABLE	LENGTH BY TYPE	INVESTMENT PER	CABLE INVESTMENT	TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR	DROP VIRE ADJUSTMENT PER PAIR
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	TAVESTREAT	******		
13000.00	AERIAL					-		34	
24 GAUGE- COPPER	BURIED	1.000000							
CABLE	UNDERGRND								
AERIAL DRO	P 1W.=	1.000000		PROB. OF AERIAL DROP-		υ.,			

7 BURIED DROP: INV. =
8 INTRA BLDG CBLE =
9 BLDG ENTR. CBLE =
10
11 PROB. AERIAL TERM. =
12 AERIAL TERM INV =
13 'ROB. BURIED TERM. =
14 BURIED TERM INV =
15 POLE LINE FACTOR =
16 POLE LINE INVESTMENT
17 (TOTAL AER CA INV x FACTOR)

TERM. PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

INVE

MISC. COMMON EQPT. & POWER FACTOR =

TERM. MCEAP INVESTMENT (CO CONN x FACTOR) =

INVE

LAND FACTOR =

PROS 18C =

PROB. OF BURIED DROP-

/8 UG CONDUIT FACTOR =
/7 CONDUIT INVESTMENT =
// (TOTAL UG CA INV x FACTOR)

BUILDING FACTOR = BLDG MYST (CO CONN + MCEP) x FACTOR =

LAND MYST (CO CONN + MCEEP) x FACTOR =

21 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.
22 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT
23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.
34 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

LOOP DISTANCE (FT):

				10 miles 10	UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(a)	(b)	(e)	(d)	(e)		(1)	(g)	(h)	(1)	(;)
			FIXED								
		USOA	VARI		LINE HAUL	CIRCUIT		LINE HAUL		LOOP TERM	
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	CUANTITY	EOUIP	EQUIP	FILL	EQUIP	EOUIP
	•••••••	••••	•••••	•••••	•••••		•••••	•••••	••••	•••••	••••••
,	LAND	2111	٧			1					
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	٧			1		•			
4	INTRABLDG CABLE	2421	٧			1					
5	AERIAL CABLE	2421	٧			4					
7	TERM INV	2421	٧			1					
7	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	٧			1					
9	BURIED CABLE	2423	٧			1					
0	TERM 1NV	2423				1					
11 .	AIR DRYER	2423	٧			1					
12	DROP WIRE	2423	٧			1					
13 !	UNDERGROUND CABLE	2422	٧			1					
15	AIR DRYER	2422	٧			. 1					
16	DROP WIRE	2422	٧			1					
17	CONNECTORS	2211	٧	1		1					
18	HISC. CELP	2211	٧	11.		1					
19	POLE LINE	2411	٧			- 1					
20	CONDUIT	2441	٧			1					

FACILITY TYPE: CIRCUIT QUANTITY:

OPPER CABLE

LOOP DISTANCE (FT): 12

DATE = 01-Feb-94

STATE: FLA

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CPLE.

			1992 1 NVEST	UNIT		1992	TOTAL ANNUAL COSTS	TOTAL MONTH	
	(a)	(p)	(e)	(d)	(e)	(f)	(g) '	(1)	(1)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EOUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
					•••••	••••••		•••••	••••••
1	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLOG CABLE	2421			7				* 5
5	AERIAL CABLE (COPPER)	2421						•	
73456789	BURIED CABLE (COPPER)	2423							
9	UNDERGROUND CABLE (COPPER)	2422							
//	CO EGPT - P GAIN	2211							
12	CO EGPT . ESS	2212							
13	AERIAL CABLE (FIBER)	2421							
15	BURIED CABLE (FIBER)	, 2423							
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20	CONDUIT	2441							
21		SUBTOTALS							
22		TOTALS							
23	NOTE 1: APPARENT 1	INCONSISTANC	IES CAUSED E	COMPUTER I	ROUNDING.				

DATE = 01-Feb-94 TIME= .08:35 AM FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT) BAND NUMBER: 1 1 13000 13

STATE: FLA

		1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL MONT	HLY COSTS
(a)	(b)	(e)	(d)	(e)	(f)	1992	(g)	(h)	(1)	(j)
						to				
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQU1P	TPI	EQUIP	EQUIP	EQUIP	EGUIP
				•••••	•••••	•••••	•••••			••••••
LAND	2111					1.0000				
BUILDING	2121	ACCEPTAGE				1.0000				
BLDG ENTRANCE CBLE	2421					1.0000				
INTRABLDG CABLE	2421	1.36				1.0000				
AERIAL CABLE -	2421					14.0000		•		
BURIED CABLE (COPPER)	2423					1.0000				
UNDERGROUND CABLE (COPPER)	2422					1.0000				
EQPT - P GAIN	2211									
20 EQPT - ESS	2212					1.0000				
AERIAL CABLE (FIBER)	2421					•				
BURIED CABLE (FIBER)	2423									
UNDERGROUND CABLE (FIBER)	2422									
POLE LINE	2411					1.0000				
CONDUIT	2441					1.0000				
	SUBTOTALS									

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING

DROP WIRE DROP WIRE

ADJUSTMENT ADJUSTMENT

	- May 15			WORKSHEET			LUNT	Ш
				FACILITY TYPE:	COPPER CABLE			-
		01-Feb-94		BAND NUMBER:	14			
	TIME=	08:35 AM				,		
	STATE:	FLA '		SERVICE CLASS:		TRANSLINE (CP	CS+RPTR)CH5-4	v
A	B	C	D	E	F	6	H	
LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6 -	MATRIX 7	1
LENGTH		RELATIVE	LOOP	CABLE				
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE		AIR DRYER	D
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	A
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	1
••••••	••••	•••••	•••••	•••••	•••••	•••••	•••••	•
14000.00	AERIAL							
24 GAUGE	SURIED	1.000000						
COPPER								
CABLE	UNDERGRND							

		1.000000						
AERIAL DRO	INV.=	•		PROB. OF AERIAL DE	tOP=	u .,		
BURIED DROP	P. INV.=			PROB. OF BURIED DE			-	
INTRA BLDG	CBLE .			PROB IBC =				
BLDG ENTR.	CBLE .			PROB BEC .				
				INVESTMENT PER PAI	R IN CENTRAL OF	FICE		
PROB. AERIA	AL TERM.	A STATE OF THE STA		CONNECTORS . '				
AERIAL TERM	4 1NV=			MISC. COMMON EGPT.	& POWER FACTOR			
PROB. BURIS	ED TERM.			MCEEP INVESTMENT	CO CONN x FACTO	R) =		
BURIED TERM	INV=	1.05						
POLE LINE	FACTOR =			LAND FACTOR =				
POLE LINE				LAND NVST (CO CONN	+ HCEEP) x FAC	TOR =		
(TOTAL	AER CA INV	x FACTOR)						
UG CONDUIT	FACTOR =			BUILDING FACTOR =				
CONDUIT IN	VESTMENT =			BLDG NVST (CO CONN	+ MCEP) X FACT	OR =		
CTOTAL I	IS CA INV	FACTOR)						

21 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

22 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

234 5 6789011274567

19

23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.

24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET € (#5,#6).

DATE = 01-Feb-94 TIME= 08:35 AM FACILITY TYPE: COPPER CAB CIRCUIT QUANTITY: 1 LOOP DISTANCE (FT): 14000 BAND NUMBER: 14

STATE: FLA

					UNIT THENTS		LINVESTAL	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(8)	(p)	(c) FIXED	(d)	(e)	•	(1)	(9)	(h)	(1)	(j)
	PLANT ITEM	CODE	VAR1 SUNK	LOOP TERM	EQUIP	CIRCUIT	COULD	EQUIP	FILL	EQUIP	EQUIP
,	LAND	2111	٧			1					
3	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	٧			1					
. +	INTRABLOG CABLE	2421	٧			, 1					
45078	AERIAT CABLE	2421	٧			4					
6	TERM INV	2421	٧			. 1					
7	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	٧			1					
9	BURIED CABLE	2423	٧.			1					
10	TERM INV	2423	٧			1					
1)	AIR DRYER .	2423	٧			1					
: 12	DROP WIRE	2423	Y			1					
A3	UNDERGROUND CABLE	2422	٧			1					
14											
17	AIR DRYER	2422	٧								
15	DROP WIRE	2422									
16	CONNECTORS	2211	٧								
17	MISC. CELP	2211	٧								
18	POLE LINE	2411	٧	Marie T							
19	CONDUIT	2441	٧			1					

^{8:0} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE - MATRIX S + MATRIX S

CIRCUIT QUANTITY:

LOOP DISTANCE (FT): BAND NUMBER:

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4W

			1992 INVEST	UNIT		1992	COSTS	TOTAL MONTH	
	(a)	(b)	(e)	(d)	(e) ANNUAL	(f)	_ (g)	(1)	(j)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EOUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
		••••	••••••	••••••	•••••	.,	•••••	•••••	•••••
1	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLDG CABLE	2421							
29450	AERIAL TABLE	2421							
6	(COPPER)								
78	BURIED CABLE (COPPER)	2423							
9	UNDERGROUND CABLE (COPPER)	2422							
1)	CO EOPT - P GAIN	2211							
12:	CO EQPT - ESS	2212							
14	AERIAL CABLE (FIBER)	2421							
15	BURIED CABLE (FIBER)	. 2423	•						
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20	CONDUIT	2441							
21		SUBTOTALS							
22	ja 9	TOTALS							

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DATE = 01-Feb-94

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT) 1 14000

STATE: FLA

		1992	TOTAL ANNUAL COSTS	TOTAL HON	THLY COSTS			TOTAL ANNUAL COSTS	TOTAL HONT	
(a)	(b)	(e)	(d)	(e)	(1)	1992		(h)	(1)	(j)
					English and the second	TO				
	USOA	LOOP TERM	LINE HAUL		LINE HAUL			LINE HAUL		LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EOUIP	EQUIP	ECUIP	EQUIP
***************************************	••••	•••••	•••••	••••••	••••••	•••••	•••••	•••••	•••••	••••••
/ LAND	2111					1.0000				
2 BUILDING	2121					1.0000				
3 BLDG ENTRANCE CBLE	2421					1.0000				
# INTRABLOG CABLE				20-		1.0000		2		
5 AERIAL CABLE .	2421					1:0000				
7 BURIED CABLE (COPPER)	2423					1.0000				
9 UNDERGROUND CABLE	2422					1.0000				
// EQPT - P GAIN	2211									
12 -0 EOPT - ESS !	2212					1.0000				
/3 AERIAL CABLE 14 (FIBER)	: 2421									
IS BURIED CABLE	2423									
16 (FIBER) 17 UNDERGROUND CABLE 18 (FIBER)	2422					•				
19 POLE LINE	. 2411					1.0000				
20 CONDUIT	2441					1.0000				
21	SUBTOTALS									
22	TOTALS									

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING

WORKSHEET FACILITY TYPE: COPPER CABLE DATE = 01-Feb-94 BAND NUMBER: 15 TIME= 08:35 AM TRANSLINK (CPCS+RPTR)CH5-4W STATE: FLA SERVICE CLASS: MATRIX 5 LOOP MATRIX 4 MATRIX 7 MATRIX 8 LENGTH RELATIVE LOOP CARLE WEIGHTED IN FEET TYPE OF MIX OF LENGTH INVESTMENT CABLE AIR DRYER DROP WIRE DROP WIRE CABLE BY TYPE INVESTMENT CABLE PER INVESTMENT TERMINAL ADJUSTMENT ADJUSTMENT AND DESIGN PLANT TYPES OF PLANT PAIR FOOT PER PAIR INVESTMENT PER PAIR PER PAIR 15000.00 AERIAL 24 GAUGE BURIED COPPER CABLE UNDERGRND 1.000000 AERIAL DROP INV. .. PROS. OF AERIAL DROP= BURIED DROP INV.= PROS. OF BURIED DROP-INTRA BLDG CBLE = PROS 18C = BLDG ENTR. CBLE = PROS BEC . INVESTMENT PER PAIR IN CENTRAL OFFICE IT PROB. AERIAL TERM. .. CONNECTORS = 12 AERIAL TERM INV= MISC. COMMON EQPT. & POWER FACTOR = AS PROB. BURIED TERM.= MCEAP INVESTMENT (CO CONN x FACTOR) = 14 BURIED TERM INV= IS POLE LINE FACTOR . LAND FACTOR = 16 POLE LINE INVESTMENT LAND MYST (CO CONN + MCEEP) x FACTOR = (TOTAL AER CA INV x FACTOR) / UG CONDUIT FACTOR = BUILDING FACTOR = 19 CONDUIT INVESTMENT = BLDG MVST (CO CONN + MCEP) x FACTOR = 20 (TOTAL UG CA INV x FACTOR)

- 21 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.
- 22 NOTE 2: MATRIX 8 MATRIX 5 x DROP WIRE ADJUSTMENT

8

9

10

- MOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.
- 24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND NUMBER:

1 15000

STATE: FLA

	•		1		UNIT	•	CIRCUIT EXCL. UT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT INCL. UT	UNIT ENTS FOR QUANTITY ILIZATION
	(a)	(p)	(c)	(d)	(e)	•	(f)	(g)	(h)	(1)	(j)
			FIXED	See and							
		USOA	VARI		LINE HAUL			LINE HAUL		LOOP TERM	
	PLANT ITEM	CODE	SUNK	EOUIP	EQUIP	QUANTITY	EOUIP	EQUIP	FILL	EQUIP	EGUIP
		••••			•••••		•••••	•••••	••••	•••••	••••••
1	LAND	2111	٧								
23454789	BUILDING	2121	v			:					
2	BLDG ENTRANCE CBLE	2421	Ÿ			:					
4	INTRABLOG CABLE	2421				:					
5											
7.	AERIAL CABLE	2421					•				
7	TERN INV	2421				:					
2	AIR DRYER	2421	٧			!					
9	DROP .WIRE	2421	٧			!					
	BURIED CABLE	2423	٧								
10	TERM INV	2423	٧			:					
1/	AIR DRYER	2423	٧			!					
12	DROP WIRE	2423	٧			1					
13460	UNDERGROUND CABLE	2422	٧								
14		1									
15	AIR DRYER	2422	٧								
17	DROP WIRE	2422	v								
	CONNECTORS	2211	٧			,					
18	MISC. CELP	2211	٧			1					
	POLE LINE	2411	V			1					
20	CONDUIT	2441	٧			1					

^{2/} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²² MOTE 2: DROP WIRE - MATRIX 8 + MATRIX 9

FACILITY TYPE:

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

15000

SAND NUMBER:

15

			1992 INVEST	UNIT MENTS		1992	COSTS .	1992 TOTAL MONTH	
				•••••		•••••	•••••		••••••
	(.)	(p)	(e)	(d)	(e) ANNUAL	(f)	. ^(g)	(1)	(i)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EOUIP	EQUIP
				••••••	•••••	•••••	•••••		•••••
,	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLOG CABLE	2421							
23456789	AERIAL CABLE (COPPER)	2421				-			
7	BURIED CABLE (COPPER)	2423							
9	UNDERGROUND CABLE (COPPER)	2422							
1)	, CO EQPT - P GAIN	2211							
12	CO EGPT - ESS	2212							
13	AERIAL CABLE	2421							
15	BURIED CABLE (FIBER)	2423							
178	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20		2441							
21		SUSTOTAL							
22		TOTALS							

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²⁴ NOTE 2: CO EOPT - ESS = CONNECTORS + MISC. CPEE.

SERVICE CLASS: TRANSLINK (CPCS+RPTR)CH5-4U

		1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	COSTS	1993 TOTAL HONT	HLY COSTS
(a)	(p)	(e)	(d)	(e)	(f)	1992 TO	(g)	(h)	(1)	(j)
- 1e	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE KAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EGUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EOUIP	EQUIP
	••••	••••••	••••••	•••••		•••••			•••••	•••••
/ LAND	2111					1.0000		2		
2 BUILDING	2121	434.50				1.0000				
S BLDG ENTRANCE CBLE	2421					1.0000				
INTRABLOG CABLE	2421					1.0000		*		
AERIAL CABLE COPPER)	2421					K-0000				
7 BURIED CABLE 8 (COPPER)	2423					1.0000				
O (COPPER)	2422					1.0000				
// FOPT - P GAIN	2211									
2 O EGPT - ESS	2212					1.0000				
A AERIAL CABLE (FIBER)	2421	•								
S BURIED CABLE	2423									
7 UNDERGROUND CABLE 8 (FIBER)	2422					•				
9 POLE LINE	2411					1.0000				
O CONDUIT	2441					1.0000				
21	SUBTOTALS									
22	TOTALS					18				

MORKSHEET FACILITY TYPE: BAND NUMBER:

COPPER CABLE

DATE = 01-Feb-94 TIME= 08:35 AM

				SERVICE CLASS:	_	TRANSLINK (CI	TRANSLINK (CPCS+RPTR)CH5-4V						
A .	B	MATRIX 2	D MATRIX 3	MATRIX 4	F. MATRIX 5	MATRIX 6	HATRIX 7	MATRIX 8	MATRIX 9				
LENGTH		RELATIVE	LOOP	CABLE					WEIGHTED				
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE		AIR DRYER	DROP WIRE	DROP WIRE				
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	AD JUSTHENT	ADJUSTHENT				
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR				
		******			*****	********	•••••	•••••	•••••				

16000.00 AERIAL

2 24 GAUGE BURIED 1.00000

3 COPPER

CABLE UNDERGRNO

....

The state of the s

AERIAL DROP INV.=

8 INTRA BLDG CBLE =

9 BLDG ENTR. CBLE =

10 .

// PROB. AERIAL TERM.=

/2 AERIAL TERM INV=

13 PROB. BURIED TERM.=

14 BURIED TERM INV= .

LEPOLE LINE INVESTMENT

7 (TOTAL AER CA INV x FACTOR)

18 UG CONDUIT FACTOR =

19 CONDUIT INVESTMENT =

20 (TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROS. OF SURIED DROPS

PROS ISC .=

PROB BEC .

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EGPT. & POWER FACTOR =

MCEEP INVESTMENT (CO CONN x FACTOR) = !

LAND FACTOR =

LAND MYST (CO CONN + MCEAP) X FACTOR =

BUILDING FACTOR .

BLDG HVST (CO CONN + MCEP) x FACTOR =

2/ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

22 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT :

23 NOTE 3: MATRIX 6 & 9 = INVESTMENT X PROBABILITY OF OCCURANCE.

24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

FACILITY TYPE: CIRCUIT QUANTITY:

1

4

LOOP DISTANCE (FT): BAND NUMBER: 16000

STATE: FLA

					UNIT		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(a)	(b)	(c)	(d)	(e)	•	(f)	(g)	(h)	(1)	(j)
			FIXED								
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EGUIP
			•••••		•••••	•••••	•••••	•••••	••••	•••••	•••••••
1	LAND .	2111	٧								
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421		Managed II		1					
4	INTRABLOG CABLE	2421	٧		-	1					
5	AERIAL CABLE	2421	٧			9					
73450200	TERM INV	2421				1					
7	AIR DRYER	2421	٧			- 1					
8	DROP WIRE	2421	V			. 1					
9	BURIED CABLE	2423	٧	L Williams		1					
10	TERM INV	2423	٧			1					
11	AIR DRYER	2423	V			1					
12	DROP WIRE	2423	٧			1					
13	UNDERGROUND CABLE	2422	v			. 1					
						1					
14	AIR DRYER	2422	٧.			1					
15	DROP WIRE	2422	٧			1					
16	CONNECTORS	2211	٧			1	•				
17	MISC. CELP	2211	٧			1					
18	POLE LINE	2411	٧			1					
19	CONDUIT	2441	٧			1	Ĭ.				

O NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

SI NOTE 2: DROP WIRE - MATRIX 8 + MATRIX 9

BAND NUMBER:

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

FACILITY TYPE:

16000

COPPER CABLE

							•		
			1992 INVESTO	57 10 10 10 10 10 10 10 10 10 10 10 10 10	,	1992	COSTS	1992 TOTAL MONTH	
			•••••	*********		•••••			••••••
	(*)	(p)	(c)	(d)	(e)	(f)	(9)	(1)	(j)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	TIME HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
		••••	••••••		•••••	•••••		•••••	•••••
1 .	LAND	2111							
2 .	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLDG CABLE	2421						2	
5	AERIAL CABLE	2421						7.0	
6	(COPPER)								
-	BURIED CABLE	2423							
3	(COPPER)								
9	UNDERGROUND CABLE	2422							
0	(COPPER)								
11	CO EQPT - P GAIN	2211							
2	CO EGPT - ESS	2212							
13	AERIAL CABLE	2421							
14	(FIBER)								
15	BURIED CABLE	2423							
16	(FIBER)								
17	UNDERGROUND CABLE	2422							
18	(FIBER)								
19	POLE LINE	2411							
2.0	CONDUIT	2441							
21		SUSTOTALS	ii fil.				•		
22		TOTALS							
23	NOTE 1. ADDADENT		HER CHIEFA S	Y COMPLITED I	ed ind the				

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E. 24

DATE = 01-Feb-94 TIME= 08:35 AM

12345678911234561789

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND NUMBER:

1 16000 16

STATE: FLA

SERVICE CLASS: TRANSLING (CPCS+RPTR)CH5-44

		1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	TOTAL ASSISAL	1993 TOTAL MONT	
(a)	(b)	(e)	(d)	(e)	(1)	1992 TO	(9)	(h)	(1)	(J)
	USQA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL		LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQU1P	EQUIP	TPI	EQUIP	EQUIP	ECUIP	EQUIP
		•	•••••		•••••	•••••	•••••	•••••		••••••
LAND	2111	AV				1.0000				
BUILDING	2121					1.0000				
BLDG ENTRANCE CBLE						1.0000				
INTRABLDG CABLE	2421	•			*	1.0000		70		1
AERIAL CABLE -	2421					1:0000				
(COPPER)										
BURIED CABLE (COPPER)	2423					1.0000				
UNDERGROUND CABLE	2422					1.0000				
(COPPER)										
EQPT - P GAIN	2211					!				
LO EQPT - ESS	2212					1.0000				
AERIAL CABLE	2421					, '				
BURIED CABLE	2423									
(FIBER)										
UNDERGROUND CABLE (FIBER)	2422									
POLE LINE	2411					1.0000				
CONDUIT	2441					1.0000				
' .	SUBTOTALS									
2	TOTALS									

23 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING

7.	TIME=	08:35 AM						- 2	
LOOP LENGTH	B. STATE:	PLA MATRIX 2 RELATIVE	D MATRIX 3 LOOP	SERVICE CLASS: MATRIX 4 CABLE	F MATRIX S	TRANSLINK (CI	PCS+RPTR)CHS-4 HATRIX 7	T MATRIX 8	MATRIX 9
IN FEET AND DESIGN	TYPE OF CABLE PLANT	MIX OF CABLE TYPES	LENGTH BY TYPE OF PLANT	INVESTMENT	CABLE INVESTMENT PER PAIR	TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR	DROP VIRE ADJUSTMENT PER PAIR
17000.00	AERIAL.								

1.000000 24 GAUGE BURIED COPPER CABLE

1.000000

AERIAL DROP INV. " BURIED DROP INV.=

INTRA BLDG CBLE .

BLDG ENTR. CBLE . 9

1/ PROS. AERIAL TERM.= 12 AERIAL TERM INV=

13 PROB. BURIED TERM.=

BURIED TERM INVE

17.

S POLE LINE FACTOR .

16 POLE LINE INVESTMENT

(TOTAL AER CA INV & FACTOR)

18 UG CONDUIT FACTOR =

19 CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROPS

PROB. OF BURIED DROP-

PROS 1BC =

PROS BEC .

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS . .

MISC. COMMON EQPT. & POWER FACTOR =

MCERP 'INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR .

LAND NVST (CO CONN + HCELP) X FACTOR #

BUILDING FACTOR =

BLDG MYST (CO CONN + MCEP) X FACTOR =

R/ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

72 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.

R4 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94 TIME= 08:35 AM FACILITY TYPE: COPPER CABL
CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 17000
BAND NUMBER: 17

STATE: FLA

						UNIT THENTS	•	INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTME CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
		(a)	(p)	(0)	(d)	(e)		(f)	(g)	(h)	(1)	())
		PLANT ITEM	USOA	FIXED VARI SUNK	LOOP TERM	LINE HAUL EQUIP	CIRCUIT		EQUIP	FILL	LOOP TERM EQUIP	EQUIP
,			2111	,			,					
		LAND	2121	Ÿ			;					
3		BUILDING	2421	State of the state			i					
4		BLDG ENTRANCE CBLE	2421	Ÿ			. ;					
4567		INTRABLOG CABLE										
7		AERIAL CABLE	2421	Gen Ale			- 7					
7		TERM INV	2421				- :					
é .		AIR DRYER	2421	٧			:					
8		DROP WIRE	2421	ν.								
10		BURIED CABLE	2423	٧			:					
11		TERM INV	2423	٧			:					
		AIR DRYER	2423	٧			:					
12		DROP WIRE	2423	٧								
13		UNDERGROUND CABLE	2422	. v			1					
15		AIR DRYER	2422	٧			1					
16	>	DROP WIRE	2422	٧			1					
1	7	CONNECTORS	2211	٧.			1					
	8	MISC. CELP	2211	٧			1					
	9	POLE LINE	2411	٧			1					
	0	CONDUIT	2441	٧			1					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: LROP WIRE = MATRIX 8 + MATRIX 9

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

BAND NUMBER:

COPPER CABLE

17000

CONFIDENTIAL

DATE = 01-Feb-94 TIME= 08:35 AM

STATE: FLA

			1992 INVEST	UNIT MENTS		1992	TOTAL ANNUAL COSTS	1992 TOTAL HONTH	
	(a)	(p)	(e)	(d)	(e)	(1)	(9)	(1)	(j)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERH	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EOUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
	•••••	100	•••••	•••••	•••••	•••••	•••••	•••••	•••••
1	LAND	2111							
2	BUILDING	2121							
3	SLDG ENTRANCE CBLE	2421							
4	INTRABLDG CABLE	2621							
23456789	AERIAL CABLE (COPPER)	2421							
7	BURIED CABLE (COPPER)	2423							
9	UNDERGROUND CABLE (COPPER)	2422							
11	. CO EGPT - P GAIN-	2211							
12	CO EQPT - ESS	2212							
14	AERIAL CABLE (FIBER) !	2421							
15	(FIBER)	2423							
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20	CONDUIT	2441							
21		SUBTOTAL							
22	(# 13 jest	TOTALS							

A 4 NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DATE = 01-Feb-94

FACILITY TYPE: CIRCUIT GUANTITY: LOOP DISTANCE (FT)

1 17000 17

STATE: FLA

		1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL MONT	HLY COSTS
(a)	(p)	(c)	(d) -	(e)	(f)	1992 TO	(8)	(h)	(1)	(1)
	USQA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL			LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EGUIP-	EQUIP	EQUIP
	••••		•••••	•••••	••••••	•••••	•••••		•••••	•••••
	****					1.0000				
LAND	2111					1.0000				
BUILDING	2121					1.0000				
BLDG ENTRANCE CBLE						1.0000				*
INTRABLOG CABLE	2421	· ·							*	
S AERIAL CABLE COPPER)	2421					14:0000				
BURIED CABLE (COPPER)	2423					1.0000				
9 UNDERGROUND CABLE	2422					1.0000				
" EGPT - P GAIN	2211									
2 .0 EQPT - ESS	2212					1.0000				
3 AERIAL CABLE	2421									
4 (FIBER)										
S BURIED CABLE .	2/,23						-			
7 UNDERGROUND CABLE 8 (FIBER)	2422									
9 POLE LINE	2411					1.0000				
E CONDUIT	2441					1.0000				
21	SUBTOTALS									
22	TOTALS									

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING

MORKSHEET
FACILITY TYPE: COPPER CABLE : CONFIDENTIAL
BAND NUMBER: 18

DATE = 01-Feb-94 TIME= 08:35 AM

	STATE:	FLA		SERVICE CLASS:		TRANSLINK (CF	CS+RPTR)CH5-4	.u	_
LOOP	B	C HATRIX 2 RELATIVE	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	MATRIX 8	MATRIX 9
LENGTH IN FEET AND DESIGN	TYPE OF CABLE PLANT	MIX OF CABLE TYPES	LENGTH BY TYPE OF PLANT	INVESTMENT PER PAIR FOOT	CABLE INVESTMENT PER PAIR	TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR
		******	******		•••••	•••••	•••••	•••••	•••••

18000.00 AERIAL

AERIAL DROP INV. =

2 24 GAUGE BURIED 1.000000 3 COPPER 4 CABLE UNDERGRND

1.000000

7 BURIED DROP 1NV.=
8 INTRA BLDG CBLE =
9 BLDG ENTR. CBLE =
10
11 PROB. AERIAL TERM.=
1.2 AERIAL TERM INV=
1.3 PROB. BURIED TERM.=
1.4 BURIED TERM INV=

/S POLE LINE FACTOR =

17 (TOTAL AER CA INV x FACTOR)

/8 UG CONDUIT FACTOR =
// CONDUIT INVESTMENT =
// COTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=
PROB. OF SURIED DROP=
PROB ISC =
PROB SEC =
INVESTMENT PER PAIR IN CENTRAL OFFICE
CONNECTORS =
MISC. COMMON EQPT. & POWER FACTOR =
MCE&P INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR = LAND NVST (CO CONN + MCEEP) x FACTOR =

BUILDING FACTOR = BLDG NYST (CO CONN + MCEP) x FACTOR =

2) NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

22 NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

23 NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.

24 NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

Market Control

FACILITY TYPE: CIRCUIT QUANTITY: COPPER CABLE

LOOP DISTANCE (FT):

18000

STATE: FLA

DATE = 01-Feb-94

TIME= 08:35 AM

•					UNIT THENTS		CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(0)	(b)	(e)	(d)	(e)	•	(f)	(g)	(h)	(1)	(j)
			FIXED								
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	CUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
	· · · · · · · · · · · · · · · · · · ·		•••••	•••••	•••••	••••••	••••••	•••••	••••	•••••	••••••
1	LAND	2111	٧			1					
2	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	V	No.		1					
34	INTRASEDS CABLE	2421	. v			1					
5	AERIAC GABLE	2421	٧			4					
56789	TERM INV	2421	٧			1					
7	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	v			. 1					
9	BURIED CABLE	2423	٧			1					
10	TERM 1NV	2423	٧			1					
11	AIR DRYER	2423	v			1					
12	DROP WIRE	2423	V	4000		1					
13	UNDERGROUND CABLE	2422	٧			1					
15	AIR DRYER	. 2422	v			1					
16	DROP WIRE	2422	٧			1	-				
17	CONNECTORS	2211	٧			1					
18	MISC. CEAP	2211	V			1					
19	POLE LINE	2411	٧			1					
00	CONDUIT	2441	V			1					

NOTE 1: APPARENT INCOMSISTANCIES CAUSED BY COMPUTER ROUNDING.

²² NOTE 2: DROP WIRE - MATRIX 8 + MATRIX

FACILITY TYPE: CIRCUIT QUANTITY:

COPPER CABLE

CONFIDENTIAL

DATE = 01-Feb-94 TIME= 08:35 AM LOOP DISTANCE (FT): BAND NUMBER:

18000

STATE: FLA

			1992 INVEST				COSTS	1992 TOTAL MONTH	
			•••••	•••••		•••••	•••••		
	(a)	(p)	(e)	(d)	(e) ANNUAL	(f)	(g)	(1)	(j)
		USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP.	EQUIP	EGUIP	EQUIP
		••••	•••••			•••••	•••••		•••••
1	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
5	INTRABLOG CABLE	2421							*
5	AERIAL CABLE (COPPER)	2421	epip 1					•	
7	BURIED CABLE (COPPER)	2423							
89	UNDERGROUND CABLE (COPPER)	2422							
11	CO EOPT - P GAIN	2211							
12	CO EQPT - ESS	2212							
13	AERIAL CABLE	2421							
14	(FIBER)								
15	BURIED CABLE	2423							
16	(FIBER)								
17	UNDERGROUND CABLE	2422							
18	(FIBER) . POLE LINE	2411							
	- 1. TO TO . THE RESEARCH WAS A STREET	2441							
20	CONDUIT	5441							
21		SUBTOTALS							

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING. 24 NOTE 2: CO EGPT - ESS = CONNECTORS + MISC. CPSE.

⁵⁻⁸²

DATE = 01-Feb-94

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): EAND NUMBER: 1 18000 18

STATE: FLA

		1992	TOTAL ANNUAL COSTS	1992 TOTAL MON	THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL MONT	HLY COSTS
(0)	(p)	(e)	(d)	(e)	(1)	1992 TO	(9)	(h)	(1)	(1)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL			TIME HAUL	LOOP TERM	
PLANT ITEM	CODE	EQUIP	EOUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	••••	••••••	••••••	••••••	•••••	•••••	•••••		•••••	••••••
/ LAND	2111					1.0000				
2 BUILDING	2121					1.0000				
3 BLDG ENTRANCE CBLE	2421					1.0000				
# INTRABLDG CABLE	2421				1 .	1.0000				
S AERIAL CABLE (COPPER)	2421					150000	,			
7 BURIED CABLE 8 (COPPER)	2423					1.0000				
9 UNDERGROUND CABLE	2422					1.0000				
// EGPT - P GAIN	2211						٠.			
/2 30 EQPT - ESS	2212					1.0000	ĺ			
13 AERIAL CABLE	2421					! .	'			
/5 BURIED CABLE /4 (FIBER)	2423					•				
17 UNDERGROUND CABLE	2422									
19 POLE LINE	2411					1.0000				
20 CONDUIT	2441					1.0000				
21:	SUBTOTALS									
22	TOTALS									

²⁵ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING

DATE = 01-Feb-96 BAND NUMBER:

COPPER CABLE

CONFIDENTIAL

	STATE:	FLA	Kanada di Sa	SERVICE CLASS:		TRANSLINK (CI	CS+RPTR)CH5-4	u ·	
H.	B	C MATRIX 2	D MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	AATRIX 8	MATRIX 9
LENGTH		RELATIVE	LOOP	CABLE					WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE		AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT		ADJUSTHENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
								*******	*******

19000.00 AERIAL

2 24 GAUGE BURIED 1.000000

4 CABLE UNDERGRND

1,00000

AERIAL DROP INV.

7 SURIED DROP INV.=

8 INTRA BLDG CBLE =

9 BLDG ENTR. CBLE =

// PROS. AERIAL TERM.=

/2 AERIAL TERM INV=

/3 PROB. BURIED TERM.=

I# BURIED TERM INV=

15 POLE LINE FACTOR =

16 POLE LINE INVESTMENT

7 (TOTAL AER CA INV x FACTOR)

18 UG CONDUIT FACTOR =

19 CONDUIT INVESTMENT .

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROPS

PROB. OF BURIED DROP=

PROS 1BC =

PROS BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EGPT. & POWER FACTOR . .

HCEEP INVESTMENT (CO CONN x FACTOR) =

AND FACTOR #

LAND MYST (CO CONN + MCELP). x FACTOR,=

BUILDING FACTOR =

BLDG MVST (CO CONN + MCEP) x FACTOR =

^{2 /} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

²² NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

²³ NOTE 3: MATRIX 6 & 9 . INVESTMENT x PROBABILITY OF OCCURANCE.

²⁴ NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

DATE = 01-Feb-94 TIME= 08:36 AM FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT):

1 19000 19

STATE: FLA

				1992 INVEST	UNIT		INVESTM	UNIT ENTS FOR QUANTITY ILIZATION	٠.	INVESTM CIRCUIT INCL. UT	UNIT ENTS FOR QUANTITY ILIZATION
	(0)	(b)	(e)	(d)	(e)	•	(f)	(g)	(h)	(1)	(j)
			FIXED								-1.5.5
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EOUIP	FILL	EQUIP	EQUIP
		••••	•••••	•••••			•••••	•••••	••••	•••••	•••••••
1	LAND	2111	٧			1					
234	BUILDING	2121	٧			1					
3	BLDG ENTRANCE CBLE	2421	V			1					
4.	INTRABLDG CABLE	2421	٧			1					
5	AERIAL CABLE	2421	٧			q.			•		
56789	TERM INV	2421				1					
7	AIR DRYER	2421	٧			1					
8	DROP WIRE	2421	٧.			1					
9	BURIED CABLE	2423	٧			. 1					
10	TERM INV	2423	٧			1					
11	AIR DRYER	2423	٧			1					
12	DROP WIRE	2423	٧			1					
13	UNDERGROUND CASLE	2422	٧.			1					
14	AIR DRYER	2422	٧			· ;					
16	DROP WIRE	2422	v			1					
17	CONNECTORS	2211	v			1					
18		2211	v			1					
19	POLE LINE	2411	v			1					
20	CONDUIT	2441	٧			1					

Al HOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING. AL HOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

DATE = 01-Feb-94

CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 19000
BAND NUMBER: 19

0.5055

STATE: FLA

			1992 INVESTI	10 m		1992	TOTAL ANNUAL COSTS	1992 TOTAL MONTH	
			***********			•••••	• • • • • • • • • • • • • • • • • • • •	•••••	••••••
	(6)	(b)	(e)	(q) ·	(e)	(1)	(9)	(1)	(1)
		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQU1P	EQUIP	EQUIP
		••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••
1	LAND	2111							
2	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLDG CABLE	. 2421							
100000 CA CA CA CA	AERIAL CABLE (COPPER)	2421							
7	BURIED CABLE .	2423							
8	(COPPER)								
9	UNDERGROUND CABLE (COPPER)	2422							
11	CO EGPT . P GAIN	2211							
12	CO EQPT - ESS	2212							
13	AERIAL CABLE	2421 :		10					
14	(FIBER)								
15	BURIED CABLE	2423							
16	(FIBER)								
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20	CONDUIT	2441							
21	1997	SUBTOTALS							
22		TOTALS							

²³ NOTE 1: APPARENT INCONSISTÂNCIES CAUSED BY COMPUTER ROUNDING.

^{2 4} NOTE 2: CO EOPT - FSS # CONNECTORS + MISC. CPAE.

DATE = 01-Feb-94 TIME= 08:36 AM FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): 1 19000 19

CONFIDENTIAL

STATE: FLA

			7 300/4							
		1992	TOTAL ANNUAL COSTS		THLY COSTS		1993	TOTAL ANNUAL COSTS	1993 TOTAL HONT	HLY COSTS
		*********			•••••			•••••	•••••	
(0)	(p)	(e)	(d)	(e)	(f)	1992 TO		(h)	(1)	(1)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EOUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EGUIP
	••••	••••••	••••••	••••••	••••••	•••••	•••••	••••••	••••••	•••••
/ LAND	2111					1.0000			• *	
2 BUILDING .	2121					1.0000				
3 BLDG ENTRANCE CELE	2421					1.0000				
4 INTRABLOG CABLE	2421					1.0000			13	
S AERIAL CABLE -	2421			*		14-0000				
7 BURIED CABLE 8 (COPPER)	2423					1.0000				
9 UNDERGROUND CABLE	2422					1.0000				
/ EQPT - P GAIN	2241									
/2 CO EQPT - ESS	2212					1.0000				
13 AERIAL CABLE	2421									
14 (FIBER)	1									
15 BURIED CABLE . 16 (FIBER)	2423									
17 UNDERGROUND CABLE	2422									
/8 (FIBER)						1.0000				
19 POLE LINE	2411					1.0000				
20 CONDUIT	2441					1.0000				
2)	SUBTOTALS									
22										

²³ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING

WORKSHEET FACILITY TYPE: BAND NUMBER:

COPPER CABLE

CONFIDENTIAL

DATE = 01-Feb-94 TIME= 08:36 AM

	STATE:	FLA		SERVICE CLASS:	- 1	TRANSLINK (C	CS+RPTR)CH5-4	v ·	_
LOOP	B	C MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	TATRIX 8	MATRIX 9
LENGTH IN FEET	TYPE OF	RELATIVE HIX OF	LOOP	CABLE INVESTMENT	CABLE		AIR DRYER	DROP WIRE	WEIGHTED DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	· TERMINAL	INVESTMENT	AD JUSTHENT	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
		******	******	•••••	******	********	•••••	•••••	•••••

20000.00 AERIAL

R 24 GAUGE BURIED 1.00000 3 COPPER

+ CABLE UNDERGRAD

. 1.000000

AERIAL DROP INV.=
7 BURIED DROP INV.=
8 INTRA BLDG CBLE =

BLDG ENTR. CBLE =

// PROB. AERIAL TERM.=

/ PROS. AERIAL TERM.=

3 PROB. BURIED TERM.=

14 BURIED TERM INV=

15 POLE LINE FACTOR .

16 POLE LINE INVESTMENT

/7 (TOTAL AER CA INV x FACTOR)

/ @ UG CONDUIT FACTOR =

19 CONDUIT INVESTMENT =

A) (TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROS IBC =

PROS BEC -

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR =

MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR .

LAND MYST (CO CONN + MCESP) x FACTOR =

BUILDING FACTOR =

BLDG MYST (CO CONN + MCEP) x FACTOR =

^{2/} NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

^{#2} HOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

²³ NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURANCE.

⁴⁴ NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

· CIRCUIT QUANT

COPPER CABLE

CONFIDENTIAL

DATE = 01-Feb-94 TIME= 08:36 AM LOOP DISTANCE (FT): BAND NUMBER:

20000

STATE: FLA

					UNIT		CIRCUIT	UNIT - ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
	(a)	(b)	(e)	(d)	(e)	-	(f)	(9)	(h)	(1)	(j)
			FIXED								
		USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE		LINE HAUL
	PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EOUIP	EOUIP	FILL	EQUIP	EQUIP
	•••••••	••••	•••••	•••••		•••••	*********	•••••	••••	•••••	•
1	LAND	2111	v	23. 14.		1					
2	BUILDING	2121	٧			1					
Day of hall	BLDG ENTRANCE CELE	2421	٧			1					
4	INTRABLOG CABLE	. 2421	٧			- 1					
5	AERIAL CABLE	2421	٧			4					
6	TERM INV	2421	٧			1					
7	AIR DRYER	2421	٧			1					
Ź	DROP WIRE	2421	٧			1					
9	BURIED CABLE	2423	V			1					
is	TERM INV	2423	. v			1					
11	AIR DRYER	2423	٧			1					
12	DROP WIRE	1 2423	V			1					
13	UNDERGROUND CABLE	2422	٧			1					
14	AIR DRYER	2422	٧			1					
15	DROP WIRE	2422	V		* 20 - 1	1					
16	CONNECTORS	2211	. v			1					
167	MISC. CEEP	2211	٧			1				1	
18	POLE LINE	2411	٧			1			<i>a</i>	. /	
19	CONDUIT	2441				•					

²⁰ NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

D | NOTE 2: DROP WIRE - MATRIX & + MATRIX 9

FACILITY TYPE: CIRCUIT QUANTITY:

COPPER CABLE

20000

DATE = 01-Feb-94 TIME= 08:36 AM LOOP DISTANCE (FT):

20000

CONFIDENTIAL

STATE: FLA

			1992 18VEST	UNIT		1992	TOTAL ANNUAL COSTS	1992 TOTAL MONTH	
	(4)	(p)	(c)	(d)	(e)	(f)	(9)	(1)	(j)
	· ************************************	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
	PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
					••••••	•••••	••••••	•••••	••••••
,	LAND	2111					*		
	BUILDING	2121							
3	BLDG ENTRANCE CBLE	2421							
4	INTRABLDG CABLE	2421							
56	AERIAL TABLE (COPPER)	2421						•	
89456789	BURIED CABLE (COPPER)	2423							
10	UNDERGROUND CABLE (COPPER)	2422							
11	CO EGPT - P GAIN	2211							
12	CO EQPT - ESS	2212							
13	AERIAL CABLE (FIBER)	2421							
15	BURIED CABLE	2423							
16	(FIBER)								
17	UNDERGROUND CABLE (FIBER)	2422							
19	POLE LINE	2411							
20		2441							
21		SUBTOTALS							
22		TOTALS							

AS NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING AU NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

DATE = 01-Feb-94

FACILITY TYPE: CIRCUIT QUANTITY: LOOP DISTANCE (FT): BAND NUMBER: COPPER CABLE 1 20000 20 CONFIDENTIAL

STATE: FL

		1992	TOTAL ANNUAL COSTS	TOTAL MON	THLY COSTS		1993	COSTS	TOTAL HONT	HLY COSTS
(0)	(6)	(c)	(d)	(e)	(f)	1992	(g)	(h)	(1)	(j)
(•/	,		District.		***	TO		- 1 2-11		20.0
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	••••	•••••	•••••	••••••		•••••		•••••		•••••
/ LAND	2111			i i		1.0000				
2 BUILDING	2121					1.0000				
9 BLDG ENTRANCE CBLE	2421					1.0000				
4 INTRABLOG CABLE	2421					1.0000				
5 AERIAL CABLE .	2421					140000			*	
6 (COPPER)							1			
7 BURIED CABLE 3 (COPPER)	2423					1,0000				
9 UNDERGROUND CABLE	2422					1.0000				
// EQPT - P GAIN	2211									
12 .0 EQPT - ESS	2212					1.0000				
13 AERIAL CABLE	2421									
5 BURIED CABLE 16 (FIBER)	2423									
17 UNDERGROUND CABLE 18 (FIBER)	2422									
17 POLE LINE	2411					1.0000				
20 CONDUIT	2441					1.0000				
1.000	SUBTOTALS					:				
22	TOTALS					100				

²³ HOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

TUDY DATE 01-Feb-94 SERVICE CATEGORY SPECIFIC TIME= 08:36:54 AM CIRCUIT QUANTITY :

CONFIDENTIAL

	STATE:	FLA		1 SEKAIC	E CLASS:	INAMALI	ar feres ar	111,0115
			COPPER T	ECKNOLOGY-	•		:	:
(A)	(8)	(6)	(D)	(E)	·(F)		(G) :	(#)
KILOFOOT BAND	1986 TOTAL INVESTMENT	1993 TOTAL ANNUAL COST	1993 TOTAL MONTHLY COST	RATIO TO TOTAL LOOPS	1992 INVESTMENT		1993 ANNUAL COST	1993 MONTHLY COST
		•••••		•••••			•••••	•••••

DATE = 01-Feb-94 TIME = 08:36 AM

1993 FLA * MELDED FLAT RATE ECONOMICAL COSTS * SERVICE CLASS-=TRANSLINK (CPCS+RPTR)CH5-4W

FLAT RATE ANALYSIS

J	(A) BAND DISTANCE	(FT.)	(B) ECONOMICAL MONTHLY COST	(C) PROBABILITY WEIGHTINGS	(D=B*C) MELDED FLAT RATE MONTHLY COST
12344-100000112345678	1,000 2,000 3,000 4,000 5,000 7,000 10,000 11,000 12,000 13,000 14,000 15,000 16,000				

18 18,000 19 19,000 20 20,000

2: 34,189 (LAST BAND)

22 TOTALS

23 NOTE 1: AVERAGE LOOP LENGTH FOR THIS SERVICE IS FEET.

		YOUR	
	*** SELECTED QUESTIONS ***	ANSWERS	
			•
	Is this study PRIVATE LINE or SWITCHED ?	Private	1
1.	Is the C.O. equipment ANALOG OR DIGITAL ?	. DIGITAL	,
2.	is the C.O. equipment Alabor of Digital	NO	į.
3.	Is the pair gain equipment INTEGRATED ?	. No	
4.	Are you adjusting for DROP WIRE ?	. res	
5.	DO YOU WANT FLAT PATE OF DISTANCE SENSITIVE COSTING ?	.FLAT KAT	1
6.	What distance increments do you want ?	. N/A	
	How many bands ?	. 20)
7.	How many bands f	•	0
8.	Are investments only desired ?	.1007	į.
9.	What STUDY YEAR year do you want ?	. 1993	,
9.	What STUDY YEAR year do you want ?	.24 Gauge	ż
11.	Is this study 2 Wire or 4 Wire ?	. : 4	ŀ
12.	are these anguery correct ?	.Yes	
	Are these answers correct ? DO YOU WANT A PRINTOUT OF THESE QUESTIONS?		
13.	DO TOU WANT A PRINTOUT OF THESE QUESTIONS:	•	

			No. West					
\TE .	FLA			STUDY DATE .	01-Feb-94		to - 22	
4.	0.1125			TIME .	08:36 AM	. !		
SERVICE .	TRANSLINK	(CPCS+RPTR)CH	5-4W	INVESTMENT YEAR .	1992	4	COPPER TECHNI	DLOGY
				LOOP PROB. STUDY .	1991		GAUGE MIX:	
FTYPE1 .	COPPER CAS	LE		STUDY YEAR .	1993			
FTYPE2 =	PAIR GAIN			STUDY TYPE =	DIGITAL		COPPERZ6 .	
FTYPE3 =	PAIR GAIN			FILE NAME .	THLKCPCS		COPPERZ4 =	1.00
	F						COPPERZZ .	*
							•	• • • • • • • •
						_	TOT. PROB =	1.00
A	B	C.		D		E .	F	
η			19 July 1964	DISTANCE BAN	·····	ACF's	TP1'	
				BAND1 .	1,000	LAND =	LTP1 =	1.0000
PA24 =		PFIA24 =		BAND2 .	2,000	BLDG -	BOTPI =	1.0000
P824 =	1.000000	PF1824 =		BAND3 .	3,000	CON =	HTP1 =	1.0000
PU24 =		PF1U24 =		BAND4 =	4,000	ACFIBC =	IBCTP1 =	1.0000
TOTAL =	1.000000			BANDS .	5,000	ACC -	ATP1 =	1.0000
				BAND6 =	6,000	BCC -	BTP1 =	1.0000
				BAND7 =	7,000	ucc -	UTP1 =	1.0000
				BANDS =	8,000	PGAIN =	XTPI =	1.0000
				BAND9 =	9,000	COHF =	CONTP1 =	1.0000
				BAND10 =	10,000		AFTP1 =	1.0000
				BAND11 =	11,000		BFTP1 =	1.0000
				BAND12 =	12,000		UFTPI =	1.0000
				BAND13 -		POLE .	PTPI =	1.0000
				BAND14 =	14,000	COND .	CTPI =	1.0000
				BAND 15 =	15,000		HTP1 =	1.0000
				BAND 16 =	16,000			
				BAND17 =	17,000			
.177c =				BAND18 =	18,000		PGGAUGE =	: 24
.1176 -		MUXFILL .		BAND19 =	19,000			i
1		CIRO =		BAND20 =	20,000			
	1	CFILL .		PROBABILITY OF D.				
	1.	FFILL .		PBAND1 =				
z ·		257CFILL .		PBAND2 =		PHUBERT COL=		
3		BECFILL =		PBAND3 =				
i		COEFILL =		PBAND4 =				
5				PBANDS =				
:				PRAND6 =				
7				PBAND7 =				
ì.				PBANDS =			:	
a				PBAND9 =				
0				PBAND10 =			3	
				PBAND11 =		PAIR GAIN RT WEIGHTINGS	; i	
Z .				PBAND12 =			• !	
3 .				PBAND13 =		< FIBER >	. TERMS =	
1				PBAND14 =		DESIGN 1:	PROBTERMS =	
-		LAST BAND=		PEAND15 =		DESIGN 2:		
		P LAST BD=		PBAND16 =		DESIGN 3:		
				PEAND17 =		DESIGN 4:		
				PBAND18		DESIGN 5:		-
7.				PBAND19 =		DESIGN 6:		
7.		HUB-RT PROB-	-CG:	PBAMD20 =				
7.	RT-DIST:					TOTAL .	*	
COP PROB.	RT-DIST:							
COP PROB.		HUB-RT-22=		PROS OF BANDS 1-20-			REPEATER SPA	
COP PROS.	-			PROS OF BANDS 1-20- PROS OF LAST BAND =		< COPPER >	22 GAUGE	5,500
PGRT-D22 =	1.00	HUB-RT-22=		PROB OF LAST BAND =		DESIGN 1:	22 GAUGE 24 GAUGE	5,500
PGRT-D22 =	1.00	HUB-RT-22= HUB-RT-24=					22 GAUGE	5,500

01-Feb-94 08:36 AM

1993 FLA * MOST ECONOMICAL COSTS SUMMARY SHEET * SERVICE CLASS =TRANSLINK (CPCS+RPTR)CH5-4W

1	_	FLAT I	RATE ANALYSIS	S	_
H	B	C	. D	E	F
LOOP LENGTH IN FEET	BAND	MONTHLY COPPER TECHNOLOGY	MONTHLY PAIR GAIN ON COPPER	MONTHLY PAIR GAIN ON FIBER	MONTHLY ECONOMICAL COST
1 1,000 2 2,000 3 3,000 4 4,000 5 5,000 6 6,000 7 7,000 8 8,000 10 10,000 11 12,000 12 12,000 13 13,000 14 14,000 15 15,000 17 17,000 18 18,000 19 19,000 20 20,000 21 34,189	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18				

FEET.

					100 00000 00000		
'ATE -	FLA		STUDY DATE .	01-Feb-94			
.OH =	0.1125		TIME .	08:15 AM	•	:	
	TRANSLINK	(CPCS+RPTR)CH5-4W	INVESTMENT YEAR .	1992		COPPER TECHN	OLOGY
			LOOP PROB. STUDY =	1991		GAUGE MIX: .	
FTYPE1 =	COPPER CAL	ILE .	STUDY YEAR .	1993			
FTYPEZ =	PAIR GAIN	ON FIBER	STUDY TYPE .	DIGITAL		COPPERZ6 =	
FTYPE3 =	PAIR GAIN	ON COPPER	FILE NAME .	THLKCPCS		COPPER24 =	1.00
					•	COPPERZZ =	100,000
A	B	C			_	TOT. PROB =	1.00
Π			. D		E	F	
			DISTANCE BANG	\$	ACF's	TP1'	g
1			BAND1 =	1,000	LAND =	LTPI =	1.0000
PA24 =		PF1A24 =	BAND2 =	2,000	BLDG -	BDTP1 =	1.0000
P824 =	1.000000	PF1824 =	BANDS .		CON =	HTPI -	1.0000
PU24 =		PF1U24 =	BAND4 =	4,000		IBCTP1 =	1.0000
TOTAL =	1.000000		BANDS =	5,000	ACC =	ATPI =	1.0000
			BAND6 =	6,000	BCC -	BTP1 =	1.0000
			BAND7 = '	7,000	ucc =	UTPI =	1.0000
1 2			BANDS =	8,000	PGAIN .	XTP1 =	1.0000
1			BAND9 =	9,000	COMF =	CONTPI =	1.0000
ò			BAND10 =	10,000		AFTP1 =	1.0000
1	- 25		BAID11 =	11,000		BFTP1 =	1.0000
<u> </u>			BAND12 =	12,000		UFTP1 -	
2			BAND13 =			300000000000000000000000000000000000000	1.0000
3			TO THE REAL PROPERTY OF THE PARTY OF THE PAR		POLE #	PTP1 =	1.0000
4			BAND14 =		COND =	CTP1 =	1.0000
5			BAHD15 =	15,000	MUX =	HTPI =	1.0000
6 .			BAND16 .	16,000			
?			BAID17 =	17,000			
= 1776 الد	1	1	SAND18 =	18,000		PGGAUGE =	24
9		MUXFILL = ,	BAND19 = ,	19,000		1	
0	1.0	CIRQ =	BAND20 =	20,000			
J		CFILL .	PROBABILITY OF D.	BANDS			v.
.2_		FFILL =	PBAND1 =	As I			
3,	17.00	257CFILL =	PBAND2 =	0.1154	PHUBERT COL=		
.4		BECFILL .	PSANO3 =	0.1154			
.5		COEFILL, .	PBAND4 =	0.2691			
6			PBAND5 =	0.0385			
7			PBAND6 =	0.1153			
8			PBAND7 =:	0.0385			
9 .		HOLDER DE LE CONTRACTOR	PBANDS =	0.0768			
0			PBAND9 =				
ı			PBAND10 -				
2 .			PBAND11 =		PAIR GAIN RT WEIGHTINGS		
3		The state of the state of the	PBAND12 =	0.0385			
4			PBAND13 =		< FIBER >	TERMB =	
5			PBAND14 =		DESIGN 1:	PROSTERMS =	
36		LAST BAND	PBAND15 =		DESIGN 2:		
37		P LAST BD=	PEAND16 =		DESIGN 3:	• •	
8			PBAND17 =	0.0385	DESIGN 4:	8	
39	-		PBAND18 =	0.0385	DESIGN 5:		
40			PBAND19 =	0.0385	DESIGN 6:		
COP PROB. R	T-DIST:	HUS-RT PROS-CG:	PBAND20 =				
2					TOTAL =		
) PGRT-D22 =		HUB-RT-22=	PROB OF BANDS 1-20=	0.9615		REPEATER SPAC	ING:
4 PGRT-D24 =	1.00	HUB-RT-24=	PROS OF LAST BAND =		< COPPER >	22 GAUGE	5,500
5 :T-D26 =		HUB-RT-26=		•••	DESIGN 1:	24 GAUGE	4,500
rjo.	•••••		TOTAL PROB	1.0000	DESIGN 2:	26 GAUGE	3,500
TOTAL =	1.00	TOTAL = .:					150

DATE = 01-Feb-94

1993 FLA * MELDED FLAT RATE ECONOMICAL COSTS * SERVICE CLASS =TRANSLINK (CPCS+RPTR)CH5-4W

FLAT RATE ANALYSIS

(A) BAND DISTANCE (FT.)	(B) ECONOMICAL MONTHLY COST	(C) PROBABILITY WEIGHTINGS	(D=B*C) MELDED FLAT RATE MONTHLY COST
1,000 2,000 3,000 4,000 5,000 7,000 8,000 9,000 10,000 11,000 11,000 12,000 12,000 13,000 14,000 15,000 16,000 17,000 17,000 18,000 19,000 20,000			
2/ 34,189 (LAST	BAND)		
. 2 MOMATC			

12 TOTALS

27 NOTE 1: AVERAGE LOOP LENGTH FOR THIS SERVICE IS FEET.

08:15 AM

1993 FLA * MOST ECONOMICAL COSTS SUMMARY SHEET * SERVICE CLASS =TRANSLINK (CPCS+RPTR) CH5-4W

	LOOP LENGTH IN FEET	BAN	3	MONTHLY COPPER TECHNOLOGY	MONTHLY PAIR GAIN ON COPPER	MONTHLY PAIR GAIN ON FIBER	MONTHLY ECONOMICAL COST
1234567891011231567819021	1,000 2,000 3,000 4,000 5,000 6,000 7,000 11,000 12,000 13,000 14,000 15,000 15,000 17,000 18,000 19,000 20,000 34,189		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 BANI				

AVERAGE LOOP LENGTH FOR THIS SERVICE IS

- The state of the	
*** SELECTED QUESTIONS ***	YOUR ANSWERS
Is the pair gain equipment INTEGRATED ?	. DIGITAL .NO .Yes .FLAT RATE . N/A
Are investments only desired ?	.NO
What gauge cable do you want for PAIR GAIN ?	.24 Gauge
Are these answers correct ?	.Yes
	Is the C.O. equipment ANALOG OR DIGITAL ? Is the pair gain equipment INTEGRATED ? Are you adjusting for DROP WIRE ? Do you want FLAT RATE or DISTANCE SENSITIVE costing ? What distance increments do you want ? How many bands ? Are investments only desired ? What STUDY YEAR year do you want ? What gauge cable do you want for PAIR GAIN ? Is this study 2 Wire or 4 Wire ?

CHAPTER 6

INTEROFFICE

Chapter six explains the methodology utilized to develop interoffice facility investments and costs. Interoffice facilities are defined as transmission systems of facilities used to transport voice and data between wire centers or central offices.

Long run average incremental cost methodology takes into consideration the use of forward looking least cost technology to properly reflect investment in interoffice facilities. Investments were developed to reflect the current deployment policies and strategies in place in Sprint/United Telephone-Florida Facilities Planning Group.

The interoffice facility costs developed from this study will be used to support the tariffed rates for the TransLink service offering.

Development of recurring costs for interoffice facilities was based on the Private Line/Special Access cost manual.

These costs were developed using the following procedures:

- A representative model was developed in which all appropriate cost categories for interoffice facilities were included.
- Investment per circuit was calculated based on fixed (Channel Termination) and distance sensitive (Line Haul) categories.
- Investment was identified by USOA detail to assist in plant differentiation and annual cost factor development.
- Fill (utilization) factors were developed for each plant item based on engineering's provisioning requirements.
- Per circuit investment, adjusted for utilization, was developed by dividing investment per circuit by the appropriate fill factor.
- 6. Annual cost factors were developed for each plant item (see Chapter 8). Annual cost factors were applied to each investment element according to appropriate USOA code to determine annual recurring cost for each investment item.
- Annual cost per investment item was divided by 12 to determine monthly cost.

8. The route mile to air mile ratio was developed and is applied to line haul cost. Multiplying the route to air ratio by line haul cost results in airline mileage cost elements.

Unit Investment - 6A and 6B

Unit investments for interoffice facilities reflect the installed investment for each component used to provision TransLink service in S/UTF's service area. Individual plant item investments were developed independently, but are grouped into three categories: Fiber Cable Investment, Intermediate Office Investment, and Terminal Office Investment. Fiber cable investment and intermediate office investment are combined to make up the distance sensitive line haul investment while terminal office investment makes up the non-distance sensitive channel termination investment.

The ITS-2400 (1:1 Protection) fiber optic light system is the design model for interoffice facilities in this study. This system reflects S/UTF's pervasive technology. All of S/UTF's ITS-2400 (1:1 Protection) interoffice facilities were identified to determine the proper design criteria to be modeled. A representative model that contained the required design components was then selected from this universe. The selected model represents the technology for which all component unit investments were developed.

Line Haul Investment

Line haul investments are those distance sensitive investments associated with interoffice transport facilities. Line haul investment includes all cable facilities and intermediate offices between the originating and terminating service point, up to and including, the DSX-3/4 cross connect facilities in the originating and terminating end office.

Fiber Cable

The fiber cable unit investment reflects the installed cost of placing fiber in S/UTF's service area. Overheads for year end 1992 were loaded to 1993 vendor costs for fiber cable to derive the installed cost. These overhead loadings include any labor and material required in cable installation. Unit costs were developed as follows:



- Most recent year end cable placements (in cable feet) were accumulated by account code for both buried and underground fiber.
- Total fiber investment dollars for each overhead account were divided by the associated placed cable feet to derive a per sheath foot overhead loading for each cable size.
- Overhead loadings were attached to the respective unit cost to derive the total installed cost per foot for each cable size.
- 4. Per pair foot investment and total cable feet placed for each cable size were then used to derive a weighted average per fiber foot investment for both buried and underground fiber cable.
- Per pair foot investment was converted to per mile investment for both buried and underground fiber cable.
- Four fibers are required for the ITS-2400 (1:1 Protection).
 The four fibers provide 48 DS3 circuits which are active and protected.



- 7. DS3 investments were converted to DS1 investments.
- 8. This process was carried out for both buried and underground cable. The total investment for each cable type was then weighted according to the total footage of cable placed (for both underground and buried cable) to derive a weighted cable investment per foot.

Intermediate Office

Intermediate office investment was developed based on the circuit design selected by the Facilities Planning Group.

Individual component investments where calculated separately and spread over the 48 active DS3 circuits. Investments were then converted from DS3 level to DS1 level.

Individual unit investments represent the current vendor cost in use by the Facilities Planning Group. Intermediate office investment includes the following components:

- 1. LSTIU Cross connect Panel
- 2. ITS-2400 Fiber Optic Terminal Equipment

Channel Termination Investment

Channel termination investments are non-distance sensitive investments associated with originating and terminating end office facilities. All end office components are included in channel termination cost with the exception of the LST1U cross connect panel which is a line haul facility.

Terminal Office

Terminal office investments are developed in a similar manner to intermediate office investments except terminal office investments are not calculated on a per mile basis. Terminal office investments include the following components:

- 1. ITS-2400 Fiber Optic Terminal Equipment
- 2. DSX 3/4 Digital Cross connect Panel
- 3. M13 Multiplexer

1 2 TI	RANSLINK	A Fixed Cost	INTEROFF B · % Occurrence	Weighted Cost	COST COI D Per Mile Cost	MPOSITE % Occurrence	Weighter Cost
3	Routes on Rings					11.5	ÇK
45	Routes with Remote Switching Devices						
6	Routes with Pair Gain Devices						
8	Total						

Sprint/united Telephone - Florida SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

TARIFF SECTION-TRANSLINK
SUB SECTION-INTEROFFICE PER MILE

			UNIT INVESTME	ENTS	_ INVESTMENT FO CIRCUIT QUANTI EXCLUDING UTILI	TY		INVESTMENT FOR CIRCUIT QUANTIT INCLUDING UTILIZA	Υ
ITEM	(A) '	USOA CODE	(C) CHAN.TERM. EQUIPMENT	(D) LINE HAUL EQUIPMENT	(E) CHAN.TERM. EQUIPMENT	(F) LINE HAUL EQUIPMENT	(G) FILL FACTOR	(H) CHAN,TERM. EQUIPMENT	(I) LINE HAUL EQUIPMENT
2 1	ntermediate Office Equipment	2422.2 2232.3		ü					
5 . 3	ITS-2400 OC-48 FOT nterconnect Office Equipment LST1U /CKT	2422.2		4,5					
7 5	ITS-2400 OC-48 FOT DSX 3/4 Dig. Cross Connect Panel	2232.3							
1 10	FIBER UNDERGROUND FIBER ICKT BURIED FIBER ICKT	2422.2 2423.2							
// 12 /2 13									

Sprint/United slephone - Plorida SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

SUB SECTION-INTEROFFICE PER MILE

		8	TOTAL INVESTME	NTS		TOTAL ANNUAL O	ost 4 ⁴	TOTAL MONTHLY C	OST 1	(J)	(K) AIRLINE
· r	TEM (A) PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHANTERM. EQUIPMENT	(D) LINE HAUL EQUIPMENT	(E) ANNUAL COST FACTOR	(F) CHANTERN, EQUIPMENT	(G) LINE HAUL EQUIPMENT	(H) CHANTERM EQUIPMENT	IN LINE HAUL EQUIPMENT	ROUTE TO AIR RATIO	MILEAGE COST PER MILE
7 3	Intermediate Office Equipment 1 LST1U ACKT 2 ITS-2400 OC-48 FOT Interconnect Office Equipment	2422.2									
ره کې	- 3. LST1U /CKT. 4. ITS-2400 CC-48 FOT 5. DSX 3/4 Dig. Cross Connect Panel	. 2472.2 2232.3 2232.3									
10	9 FIBER 10 UNDERGROUND FIBER /CKT 11 BURIED FIBER /CKT 12	2422.2 2423.2									
12.74	13. 14 15										
15		TOTAL									

CONFIDENTIAL

FORM 6A

TARIFF SECTION-TRANSLINK

SUB SECTION- INTEROFFICE CHANNEL FIXED

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

			UNIT INVESTME	ENTS	INVESTMENT FO CIRCUIT QUANT EXCLUDING UTIL	ITY		INVESTMENT FO CIRCUIT QUANTI INCLUDING UTILIZ	TY
ITE	PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN,TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) CHAN.TERM. EQPT.	(I) UNE HAUL EQPT.
. 1	ITS-2400 OC-48 FOT 2 DSX 3/4 Dig. Cross Connect Panel	2232.3 2232.2 2232.2							

HURM 68

TARIFF SECTION-TRANSLINK

SUB SECTION-INTEROFFICE CHANNEL FIXED

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

					TOTAL INVESTMENT	s		TOTAL ANNUAL C	OST 4	TOTAL MONTHLY	COST	
	ITEM	(A) PLANT ITEM	•	(B) USOA CODE	(C) CHAN TERM. EOPT.	(D) LINE HAUL EQPT.	(E) ANNUAL COST FACTOR	(F) CHAN TERM, EQPT,	(G) LINE HAUL EOPT.	(H) CHANTERM. EOPT.	(I) LINE HAUL EOPT.	(J) ROUTE TO AIR RATIO
2 3	. 2	ITS-2400 OC-48 FOT DSX 3/4 Dig. Cross Connect Panel M13 MOLTIPLEXER	\$0.00	2232.3 2232.2 2232.2				***************************************	entroplement mouse		2	
5678	5 6 7 8											
9/0/1	10 11 12 13											
14	14	-	TOTAL									

CONFIDENTIAL

TRANSLINK

FIXED AND PER MILE FOR ROUTES INCLUDING REMOTE SWITCHING DEVICES RUN: LONG RUN AVERAGE INCREMENTAL COST

			UNIT INVESTME	NTS	INVESTMENT FO CIRCUIT QUANTI EXCLUDING UTILI	ITY		INVESTMENT FO CIRCUIT QUANT INCLUDING UTILI	TTY
	(A) PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) CHAN.TERM. EQPT.	(I) LINE HAUL EQPT.
2	InterOffice Channel Fixed DOM 2000 FOT	2232.3			***************************************				
3	Interoffice per Mile - Fiber BURIED FIBER /CKT	2423.2							

TRANSLINK

FIXED AND PER MILE FOR ROUTES INCLUDING REMOTE SWITCHING DEVICES

RUN: LONG RUN AVERAGE INCREMENTAL COST

				TOTAL INVESTME	NTS		TOTAL ANNUAL C	COST	TOTAL MONTHLY	COST		.00
	(A) PLANT ITEM		(B) JSOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) ANNUAL COST FACTO	(F) CHAN.TERM. EQPT.	(G) LINE HAUL EQPT.	(H) CHAN.TERM. EQPT.	(f) LINE HAUL EQPT,	(J) ROUTE TO AIR	AIRLINE MILEAGE COST PER
1	InterOffice Channel Fixed		-								RATIO	MILE
2	DOM 2000 FOT		2232.3									
3	Interoffice per Mile - Fiber BURIED FIBER /CKT		2423.2									
7	DONIED FIDER JOAT		2423.2									
5		TOTAL										

TRANSLINK

FIXED AND PER MILE FOR ROUTES INCLUDING PAIR GAIN DEVICES RUN: LONG RUN AVERAGE INCREMENTAL COST

		UNIT INVEST		CIRCUIT QUI	ANTITY UTILIZATION		CIRCUIT QUINCLUDING	JANTITY UTILIZATION
	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
(A)	USOA	CHAN.TERM. I	LINE HAUL	CHAN.TERM.	LINE HAUL	FILL	CHAN, TERM	LINE HAUL
PLANT ITEM DESCRIPTION	CODE	EQPT.	EQPT.	EQPT.	EQPT.	FACTOR	EQPT.	EQPT.
***************************************								***********

Interoffice per Mile
2. Pair Gain Housing

2232.5

0-15

CONFIDENTIAL

TRANSLINK:

RUN: LONG RUN AVERAGE INCREMENTAL COST

FIXED AND PER MILE

FOR ROUTES INCLUDING PAIR GAIN DEVICES

			TOTAL INVES	STMENTS		TOTAL ANNU	AL COST	TOTAL MONT	THLY COST		(K)
	(A) PLANT ITEM	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) ANNUAL COST FACTOR	(F) CHAN.TERM. EQPT.	(G) LINE HAUL EQPT.	(H) CHAN.TERM. EQPT.	(I) LINE HAUL EQPT.	(J) ROUTE TO AIR RATIO	AIRLINE MILEAGE COST PER MILE
i	Interoffice per Mile	-	T.	-		-	**********				

Pair Gain Housin

2232.5

TOTAL

CHAPTER 7

CIRCUIT DESIGN

Chapter seven explains the methodology utilized to develop investments and costs associated with circuit provisioning. A circuit is defined as a network of circuit elements which performs a specific telecommunications function.

The approach used in this study reflects the resource burden to Sprint/United Telephone-Florida in providing TransLink service. Additional assumptions in completing costs include recognizing the current per unit investment of equipment components as well as the latest engineering loadings.

The most economic Sprint/United Telephone-Florida (S/UTF) engineering design was utilized in the provisioning of TransLink service.

The cost elements developed from this study will support tariffed rates for the TransLink service offering.

Development of recurring costs for Circuit Design facilities are based on the Private Line/Special Access cost manual.

The universe of TransLink circuits was identified and utilized in the model. All technical characteristics of circuit design are alike. The general process for cost development is as follows:

- An investment model was developed in which all appropriate investment categories for TransLink circuit facilities are included.
- Investment per circuit was calculated based on engineering design criteria. This information is reflected on form
 7A.
- Investment was identified by USOA detail to assist in plant differentiation.
- The fill (utilization) factor was determined for each plant item based on engineering provisioning requirements.
- 5. Investment per circuit including utilization was developed by dividing investment per circuit by the fill factor.
- An annual cost factor was utilized for each plant item in accordance with USOA codes (see chapter 8 for annual cost factor development).

 Annual cost per investment item was divided by 12 to determine monthly cost.

Unit Investments - 7A and 7B

Unit investments for circuit design reflect the installed investment for each component used to provision TransLink service in S/UTF's service area. Individual plant items were developed independently, but support two separate rate elements as follows:

1. Local Channel

Supporting Equipment Investment

- 4. DSX1 Digital Cross connect Panel
- 5. Central Office Repeater
- 6. Loop Back Module
- Multiplexing

Supporting Equipment Investment

- 7. D4 Channel Bank
- 8a. Channel Card (Voice FXO)
- 8b. Conklin Channel Unit Card (Digital)

SERVICE T .. c: HIGH CAPACITY SERVICE

TARIFF SECTION-TRANSLINK

RUN: LONG RUN AVERAGE INCREMENTAL COST

SUB SECTION-MULTIPLEXING - DS1/VOICE

			UNIT INVESTMENTS			OR 1 ITY IZATION		INVESTMENT FO CIRCUIT QUANTI INCLUDING UTILIZ	TY
ITEM	(A) PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	· (E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) CHAN.TERM. EQPT.	(I) LINE HAUL EQPT.
1		·		-					
3									
. 6									
7	D4 CHANNEL BANK CHANNEL CARD (VOICE FXO)	2232.2 2232.2							3.1
10									
12									
. 14 . 15									

TARIFF SECTION-IRANSLINK
SUB SECTION-MULTIPLEXING - DS1/VOICE

SERVICE TYPE: HIGH CAPA .ERVI

RUN: LONG RUN AVERAGE INCREMENTAL COST

	•								2 5		
			TOTAL INVESTME	итз .		TOTAL ANNUAL C	OST 4	TOTAL MONTHLY	COST	•	(20)
ITEM PLA	(A) NT ITEM	(B) USQA CODE	(C) CHANTERM, EOPT,	(D) LINE HAUL EOPT.	(E) ANNUAL COST FACTOR	(F) CHANTERM, EOPT.	(G) LINE HAUL EOPT,	(H) CHANTERM, EQPT,	(I) LINE HAUL EOPT.	(J) ROUTE TO AIR RATIO	AIRLINE MILEAG COST PE MILE
, -, -	\$0.00										
2 . 2,											
ý 3	\$0.00	•									
\$											
1. /· · · · · · · · · · · ·	\$0,00										
6	\$0.00										
7 7 D4 CHANNEL BANK		2232.2									
§ 8 CHANNEL CARD (VOICE FXO)	2232.2									
7 9											
/0 10											
// 11	\$0.00	0									
/2 12	\$0.00	0									
13 . 13	\$0.00	ō									
14 14	\$0.00	č									
15 15 .	\$0.00	č									
	\$0.00										
16 .	, TOTAL										
/ · · ·	. IOIAL										

SERVICE 1 1 PE: HIGH CAPACITY SERVICE

TARIFF SECTION-TRANSLINK

SUB SECTION-MULTIPLEXING - DS1/DIGITAL

D4 CHANNEL BANK CONKLIN CHANNEL UNIT CARD

RUN: LONG RUN AVERAGE INCREMENTAL COST

			UNIT INVESTME	NTS	INVESTMENT FO CIRCUIT QUANTI EXCLUDING UTILI	TY		INVESTMENT FO CIRCUIT QUANT INCLUDING UTILIS	ITY
ITEM	(A) PLANT ITEM DESCRIPTION	(B) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL FACTOR	(H) CHAN.TERM. EQPT.	(I) LINE HAUL EQPT.
1 2			-						

2232.2 2232.2

TARIFF SECTION-TRANSLINEC

SUB SECTION-MULTIPLEXING - DS1/DIGITAL

RUN: LONG RUN AVERAGE INCREMENTAL COST

		•			TOTAL INVESTMENTS			TOTAL ANNUAL COST 4		TOTAL MONTHLY COST			89
	TEM.	PLANT ITEM		(B) USOA CODE	(C) CHANLTERM. EQPT.	(D) LINE HAUL EQPT.	(E) ANNUAL COST FACTO	(F) CHAN.TERM, EQPT.	(G) LINE HAUL EQPT.	(H) CHAN, TERM, EQPT,	(I) LINE HAUL EQPT.	(J) ROUTE TO AIR RATIO	AIRLINE MILEAGE COST PER MILE
, .	٠,		\$0.00	- 0									
₹.	2 -												
3	4		\$0.00	. 0									
5 :	5		\$0.00	0									
6	6.	2.50	\$0.00	0									
7		CHANNEL BANK		2232.2				100					
8 .		CONKLIN CHANNEL UNIT CARD		2232.2									
1													
.,,	11		\$0.00										
12.	12		\$0.00	ŏ									
13	13		\$0.00	ŏ				120					
13			\$0.00	ō									
145.	15	•	\$0.00	0				32.					
16			TOTAL.										

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7_7

24

C

TARIFF SECTION-TRANSLINK

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

SUB SECTION-DIGITAL LOCAL CHANNEL

				UNIT INVESTME	NTS	INVESTMENT FOR CIRCUIT QUANTI EXCLUDING UTILIZ	Υ		INVESTMENT FOR CIRCUIT QUANTITY INCLUDING UTILIZATION		
ITEM	(A) PLANT ITEM DESCRIPTION		(D) USOA CODE	(C) CHAN.TERM. EQPT.	(D) LINE HAUL EQPT.	(E) CHAN.TERM. EQPT.	(F) LINE HAUL EQPT.	(G) FILL F/CTOR	(H) CHAN,TERM. EQPT.	(I) LINE HAUL EQPT.	
							,	-	-		

Local Channel Termination;

+ DSX + DIGITAL CROSS CONNECT PANEL

5 CENTRAL OFFICE REPEATER 6 LOOP-BACK MODULE

2232.2

TARIFF SECTION-TRANSLINK .

SUD SECTION-DIGITAL LOCAL CHANNEL

TOTAL

SERVICE TYPE: HIGH CAPACITY SERVICE

RUN: LONG RUN AVERAGE INCREMENTAL COST

				TOTAL INVESTME	ENTS .		TOTAL ANNUAL C	OST 4	. TOTAL MONTHLY	cost .	. (4)	(PG) AIRLINE
11E#	. (A) PLANT ITEM		(D) USOA CODE	CI UNITERM.	(D) LINE HAUL EOPT.	(E) ANNUAL COST FACTOR	(F) CHARTERIA, ECPT,	(G) LINE HAUL, EOPT.	CHANTERM. ECPT.	(I) LINE I MUL EOPT.	FO AIR	MILEAGE COSTITIR MILE
	. : · ,		7									
3.			2232.2									
5 CENT	(1 DIGITAL CROSS CONNE ITRAL OFFICE REPEATER YP-BACK MODULE	GT PANEL	2232.2 2232.2									
				:								
10 .		. 10	0 0									
7 12		10 10	0 0									
7 .8. .9 10 .	SP-BACK MODULE	10	20 0 20 0 20 0 20 0	:								

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CHAPTER 8

ANNUAL COST FACTORS

This section includes the procedures necessary to develop annual cost factors. The purpose of the annual cost factor is to translate investments into annual recurring costs.

This is accomplished by determining the investment for each component of the service under study and then applying the appropriate annual cost factors to that investment.

Annual cost factors for TransLink were developed for each of the following plant accounts:

Underground Cable - Fiber Optic

Buried Cable - 24 gauge

Buried Cable - Fiber Optic

Circuit Equipment Digital - Metallic

Circuit Equipment Digital - Fiber Optic

Conduit Systems

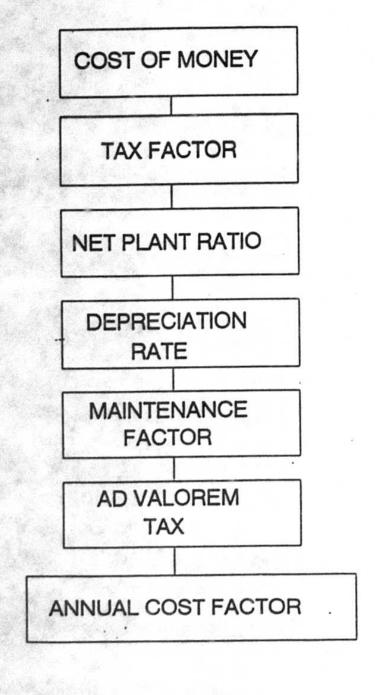
Excluded are overhead costs common to all services, such as legal, treasury, and executive department expenses.

Development of cost of money was based upon 1992 figures.

Calculation methodology will be addressed and total factor derivation will be shown in detail. A flowchart of the major components required precedes the procedure description.

ACCFLOWC

ANNUAL COST FACTOR FLOW CHART



ANNUAL COST FACTORS

The following components display generic characteristics used to develop annual cost factors:

Column	Description
(a)	Cost of Money (see page 8-5 for detail)
(b)	Tax Factor (see page 8-6 for detail)
(c)	Return & Taxes (a) * (b)
(d)	Net Plant Ratio (development detail will
	be included on individual ACF pages)
(e)	Return & Taxes multiplied by the Net Plant
	Ratio
(f)	Depreciation Rate (see page 8-7 for detail)
(d)	Maintenance Factor (development detail will
	be included on individual ACF pages)
(h)	Ad Valorem Tax (supplied by Sprint/United
	Telephone-Florida's Tax Department)
(i)	The Annual Cost Factor consists of the sum
	of column (e), (f), (g), and (h).

(A) Cost of	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
TO STATE	BET AX BE	Return	Not Pitte	Col C	Depr	Maint	Ad Val	Ann Cost
Money	Fictor	& Taxes	Rallo	Col D	Rate	Factor	Tax	Factor

- / UNDERGROUND CABLE FIBER OPT!C
- 2 BURIED CABLE 24 GAUGE
- 3 BURIED CABLE FIBER OPTIC
- Y CIRCUIT EQUIPMENT DIGITAL METALLIC
- 5 CIRCUIT EQUIPMENT DIGITAL -FIBER OPTIC
- CONDUIT SYSTEMS

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COST OF MONEY - 11.25%

Cost of Money is a combination of short term, long term, common and preferred equity cost of monies.

A B
Amount % of Total

- 2 Short Term Debt
- 3 Long Term Debt
- Y Total Debt
- 5 Common Equity
- 6 Preferred Equity
- 7 Total Capital
- 8
- 9 Cost Rate
- 10 Short Term
- // Long Term
- /7 Common Equity
- 13 Preferred Equity
- 14

Cost of Money

(ratio * interest) B

Short Term

Long Term

Common Equity

Preferred Equity

Income Taxes

Income taxes are calculated to determine the impact of Federal and Florida tax regulations. The tax factor is computed in the following illustrative example:

PSC Assessment Tax

State Tax

Federal Tax

11

12

13

Depreciation

A B C D

Average Remaining

Remaining Net Book Life

Life Salvage Reserve Rate

- U'ground Cable Fiber
- Z Buried Cable 24 gauge
- 3 Buried Cable Fiber
- 4 Ckt. Egpt. Dig. Metallic
- 5 Ckt. Egpt. Dig. Fiber
 - 6 Conduit Systems

UNDERGROUND CABLE - FIBER OPTIC

- The Annual Cost Factor for Underground Cable Fiber Optic 3 was developed using the following calculations:
- 4 (a) Cost of Money
- 5 (b) Tax Factor
- (c) Return & Taxes
- 7 (d) Net Plant Ratio
- Calculation:
- 8 Depreciation Account 3422.2
- 10 Investment Account 2422.2
- // This investment account includes the original cost of single
- or paired conductor cable, wire, and other associated
- 13 material used in constructing a physical path for the
- 14 transmission of telecommunications signals, when fiber optic Scable is placed.
- (e) Return & Taxes times
- Net Plant Ratio
- /8 (f) Depreciation Rate
- (9 (g) Maintenance Factor
- 20 Calculation:
- 21 Expense Account 6422.2 Investment Account 2422.2
- 23 This expense account includes the cost of the repair or
- 24 replacement of fiber optic underground cable. It also
- 25 includes scheduled or routine work consisting of tests to
- 24 verify proper functioning, as well as restoring a fiber optic
- 27 underground cable without replacing it and the cost of work
- 78 order activity rearranging and changing existing fiber optic
- 29 underground cable and/or associated items.
- 30 (h) Ad Valorem Tax
- 3 | (i) Underground Cable Fiber Optic
- 32 This is calculated by adding items (e), (f), (g), and
- 33 (h) together.

BURIED CABLE - 24 gauge * The Annual Cost Factor for Buried Cable - 24 gauge was developed using the following calculations: 4 (a) Cost of Money 5 (b) Tax Factor (c) Return & Taxes (d) Net Plant Ratio 29 Calculation: Depreciation Account 3423.18.6 10 Investment Account 2423.18.6 This subsidiary record category shall include the original 11 cost of single or paired conductor cable, wire and other associated material used in constructing a physical path for 12 13 the transmission of telecommunications signals. Also included is the original cost of drop and block wires and their associated protectors, including all other costs associated with the installation of such wires. Also 14 15 16 17 included is Network Installation Devices (NID) when installed 18 19 as part of the initial installation of service wire to the 20 customer premise.

- 2 (e) Return & Taxes times 22 Net Plant Ratio
- 23 (f) Depreciation Rate

BURIED CABLE - 24 gauge * (cont.)

A

(g) Maintenance Factor

2

2 Calculation:
4 Expense Account 6423.16.6
5 Investment Account 2423.16.6

The expense account shall include the cost of the repair or replacement for repair of metallic buried cable equipment and/or associated items. It also includes scheduled or routine work consisting of tests to verify proper functioning of those items defined as metallic buried cable. This account shall include restoring to a serviceable condition an associated metallic buried cable item without replacing the item itself. Also included is the cost of those activities described in Account 6423.1, Ordinary Repairs, when performed on an existing metallic buried drop and/or associated material from the cable distribution facilities to the Network Interface Device (NID), or to the protector device if an NID is not in place.

- 19 (h) Ad Valorem Tax
- 20 (i) Buried Cable 24 gauge
- This is calculated by adding items (e), (f), (g), and (h) together.
- 33 * Composite of Buried Cable Metallic and Buried Cable 84 Metallic Drop used for LOOPCOST Model (Section 5) only.

```
BURIED CABLE - FIBER OPTIC
    The Annual Cost Factor for Buried Cable - Fiber Optic was
    developed using the following calculations:
    (a) Cost of Money
5
    (b) Tax Factor
6
    (c) Return & Taxes
    (d) Net Plant Ratio
7
8
        Calculation:
           Depreciation Account 3423.2
10
           Investment Account 2423.2
1/
    This investment account includes the original cost of fiber
    optic cable and other associated material used in
12
    constructing a physical path for the transmission of
13
    telecommunications signals.
    (e) Return & Taxes times
           Net Plant Ratio
 /7 (f) Depreciation Rate
 18 (g) Maintenance Factor
  19
        Calculation:
 20
           Expense Account 6423.2
           Investment Account 2423.2
  21
 22 This expense account includes the cost of repair or
 23 replacement of fiber optic buried cable equipment. It also
 84 includes scheduled or routine work consisting of tests to
 25 verify proper functioning of the fiber optic buried cable, as
 26 well as restoring an associated fiber optic buried cable item
a7 without replacing the item.
 28 (h) Ad Valorem Tax
 29 (i) Buried Cable - Fiber Optic
 30
        This is calculated by adding items (e), (f), (g), and
 31
        (h) together.
```

```
CIRCUIT EQUIPMENT - DIGITAL - FIBER OPTIC
   The Annual Cost Factor for Circuit Equipment Digital - Fiber
   Optic was developed using the following calculations:
    (a) Cost of Money
4
    (b) Tax Factor
5
    (c) Return & Taxes
6
   (d) Net Plant Ratio
 8
        Calculation:
           Depreciation Account 3232.3
 9
           Investment Account 2232.3
10
    This investment account includes the original cost of digital
/2 circuit equipment which supports fiber optic cable. Account
13 2232.2 further defines the types of equipment includable as
14 circuit equipment and the demarcation point between plant
 15 categories.
 /6 (e) Return & Taxes times
           Net Plant Ratio
 17
 18 (f) Depreciation Rate
 19 (g) Maintenance Factor
        Calculation:
 20
           Expense Account 6232.3
 21
           Investment Account 2232.3
  22
 23 This expense account includes the repair, field testing, or
 24 replacement of digital fiber optic circuit equipment.
 as also includes the cost of work order activity rearranging
 26 existing digital fiber optic and the changing of central
 27 office wiring which continues to provide service to the same
 28 customer. The cost of service order activity rearranging and
 29 changing digital fiber optic circuit equipment is also
 30 included.
 3/ (h) Ad Valorem Tax
  32 (i) Circuit Egpt. Digital-Fiber Optic
         This is calculated by adding items (e), (f), (g), and
  33
        (h) together.
```

```
CIRCUIT EQUIPMENT - DIGITAL - METALLIC
    The Annual Cost Factor for Circuit Equipment Digital -
    Metallic was developed using the following calculations:
4
     (a) Cost of Money
     (b) Tax Factor
     (c) Return & Taxes
     (d) Net Plant Ratio
 7
89
         Calculation:
            Depreciation Account 3232.2
            Investment Account 2232.2 .
10
     This investment account includes the original cost of circuit
 11
     equipment, excluding pair gain devices and circuit equipment
 12
     which supports fiber optic cable, which utilize digital
     technology in the transmission of a signal.
 14
     (e) Return & Taxes times
            Net Plant Ratio
 16
     (f) Depreciation Rate
/8 (g) Maintenance Factor
         Calculation:
  19
            Expense Account 6232.2
  20
            Investment Account 2232.2
  21
 22 This expense account includes the repair, field testing, or
 23 replacement of digital circuit equipment. Also included is 24 the cost of work order activity rearranging existing digital
 25 circuit equipment. It also includes the changing of central
 26 office wiring which continues to provide service to the same
 27 customer and it includes the cost of service order activity
 28 rearranging and changing digital circuit equipment.
 29 (h) Ad Valorem Tax
  30 (i) Circuit Egpt. Digital - Metallic
          This is calculated by adding items (e), (f), (g), and
          (h) together. .
```

.32

CONDUIT SYSTEMS The Annual Charge Factor for Conduit Systems was developed using the following calculations: (a) Cost of Money (b) Tax Factor (c) Return & Taxes (d) Net Plant Ratio 8 Calculation: Depreciation Account 3441 10 Investment Account 2441 This investment account includes the original cost of conduit 11 that is reusable in place. It also includes the cost of opening trenches, repaying, and of cleaning and pumping water 14 out of manholes in connection with construction work. The 15 cost of permits and privileges for the construction of cable /4 and wire facilities are included in the account chargeable /7 with such construction. Return & Taxes times Net Plant Ratio 20 (f) Depreciation Rate Maintenance Factor 21 (g) 22 Calculation: 23 Expense Account 6441 Investment Account 2441 24 25 This expense account includes the repair or replacement of 26 underground conduit systems equipment and/or associated 27 items. It also includes scheduled or routine work consisting 28 of tests to verify proper functioning of those items defined 29 as underground conduit and restoring underground conduit 30 systems. Also included is the cost of work order activity 31 for rearranging and changing.

- 32 (h) Ad Valorem Tax
- 33 (i) · Conduit Systems

This is calculated by adding items (e), (f), (g), and (h) together.

CHAPTER 9

NONRECURRING COST

Nonrecurring costs are defined as one time costs and are incurred in the ordering, engineering, installation and removal of facilities for TransLink services. They are sunk costs and cannot be recovered after the TransLink service is discontinued.

The following generalized flow diagram reflects the steps that are necessary for developing nonrecurring costs.

Some detail will be provided for each function of the generalized flow diagram.

GENERALIZED FLOW DIAGRAM DEVELOPMENT OF NONRECURRING COSTS

Identify Cost Elements
to be Developed

Identify Work Functions for Each
Cost Element Studied

Establish Work Flows

Identify Work Times for Each Work Function

Identify Directly
Assignable Labor Costs

Associate Directly Assigned Labor Cost to
Each Work Function

Accumulate Cost into the Appropriate
Nonrecurring Elements

Identify Cost Elements to be Developed

The nonrecurring cost elements must first be determined in order to develop representative nonrecurring costs. These cost elements are then supported by all of the individual work functions required to provision the service.

Identify Work Functions for Each Cost Element Studied

The work functions identified for Sprint/United

Telephone-Florida (S/UTF) nonrecurring TransLink cost study

can be grouped as follows:

- 1. Service Order and Billing
- 2. Coordination and Tracking
 - 3. Installation
 - 4. Engineering
 - 5. Local Central Office
 - 6. Network Management Center
- A. SERVICE ORDER AND BILLING

Performed by our Business Marketing Operation
Sales/Consultant Support Group, our Centralized
Operations Group (COG), and our Interexchange Carrier
Service Center (ICSC).

B. COORDINATION AND TRACKING

Our ICSC group monitors the progress of each service order. The local central office tracks all orders and distributes them to the tributary offices.

C. INSTALLATION

The Service Center/Complex Control (SC/CC) performs the operations between the central office and the customer's location. The local central office technician completes cross connect wiring, tests and accepts the final installation.

D. ENGINEERING

The Message Assignments Engineering group assigns all DSX1 and DSX-3/4 cross connect points for TransLink (1.544 Mbps) circuits.

E. LOCAL CENTRAL OFFICE

The Local Central Office Special Service technician completes all circuit card installation, acceptance testing, and any miscellaneous wiring required.

F. NETWORK MANAGEMENT CENTER

The Network Management Center technician is responsible for provisioning and testing the span line from the CO repeater to the customer site.

Establish Work Flows

The establishment of work flows requires that company subject matter experts identify the work flows within each work group involved in the provisioning of TransLink services. The work flow diagram and accompanying descriptions in chapter three (3) of this study reflect this information.

Identify Work Times for Each Work Function

Task oriented studies were performed by subject matter experts identifying average work times for each work function.

To insure that all costs were captured, detailed work flow lists were developed for all departments involved in the provisioning of TransLink services. Forms were developed for each work function to record the study data. Components were summarized by service category into the appropriate cost elements to support the proposed rate elements.

Identify Directly Assignable Labor Costs

This section will explain and identify the methodology used to develop directly assigned labor costs. A breakdown of all the components including the basic wage rate will be included to reflect a complete cost for one hour of productive labor. This information is provided for the non-plant work group as well as the plant work group.

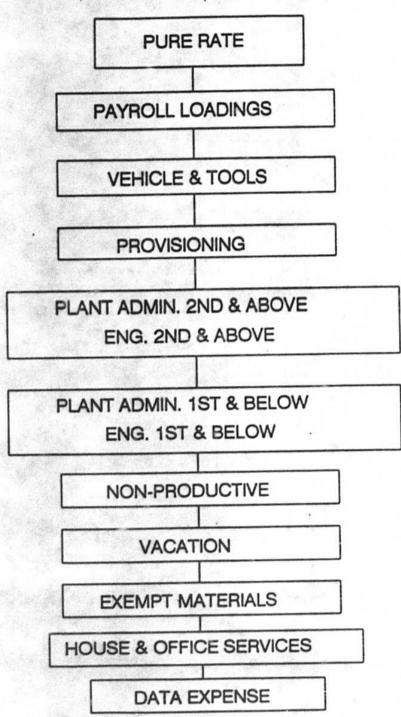
Associate Directly Assigned Labor Cost to Each Work Function

Average work times for each work function identified in the task oriented studies were matched with the appropriate directly assigned labor cost, as explained in pages 9-7 through 9-15 of this chapter, to develop an average cost per work function.

Accumulate Cost into the Appropriate Nonrecurring Elements

The average cost per work function was further identified as belonging to a particular rate element. Average costs per work function belonging to the same rate element were summarized to develop a cost for a particular rate element as shown in pages 9-16 thru 9-17 of this chapter.

FLOWCHART FOR DEVELOPING LOADED LABOR RATE (Plant Work Groups)



METHOD OF CALCULATING LOADED LABOR RATES (Plant Work Group)

GENERAL

Loaded labor rates were developed from current year information.

PURE RATE

In a plant work group productive hours and dollars make up the pure rate. The pure rate is calculated by dividing the work group's productive dollars by the work group's productive hours.

PAYROLL LOADING

The payroll loadings include all company paid benefits such as FICA, holidays, pensions, Workman's Compensation
Insurance, other insurance, Savings Plus, federal and state withholding taxes. The payroll loading is calculated by dividing the work group's productive hours into the benefit dollars extracted from the OH400 report.

VEHICLE AND TOOL LOADING

The vehicle and tool loading is cost associated with running and maintaining the vehicles and other work equipment (tools). Also included in this loading are the salaries and expenses of the employees whose principal responsibilities are to provide maintenance for the vehicles and other work equipment. The vehicle and tool loading is calculated by dividing the work group's productive hours into the vehicle and tool dollars extracted from the OH400 report.

PROVISIONING LOADING

The provisioning loading is cost incurred for provisioning material and supplies. Also included in this loading are salaries and expenses of those managers and employees whose primary job function is in provisioning material and supplies. The provisioning loading is calculated by dividing the work group's productive hours into the provisioning dollars extracted from the OH400 report.

PLANT ADMIN. 1ST & 2ND LOADINGS

The plant administration loadings are the salaries and expenses of the work group's management. The plant administration loadings are calculated by dividing the work group's productive hours into the plant administration dollars extracted from the OH400 report.

NONPRODUCTIVE LOADING

The nonproductive loading consists of the nonproductive dollars for which the plant work groups report and get paid, such as travel time, breaks, meetings, holidays, weather and training. The nonproductive loading is calculated by dividing the work group's productive hours into the nonproductive dollars extracted from the OH400 report.

VACATION LOADING

The vacation loading consists of the vacation dollars the work group reports. The vacation loading is calculated by dividing the work group's productive hours into the vacation dollars extracted from the OH400 report.

EXEMPT MATERIAL LOADING

The exempt material loading consists of the cost of plant supplies that cannot be reported to a specific work order such as nuts, bolts, screws, etc.. The exempt material calculation is made by dividing the work group's productive hours into the exempt material dollars extracted from the OH400 report.

HOUSE AND OFFICE SERVICES LOADING

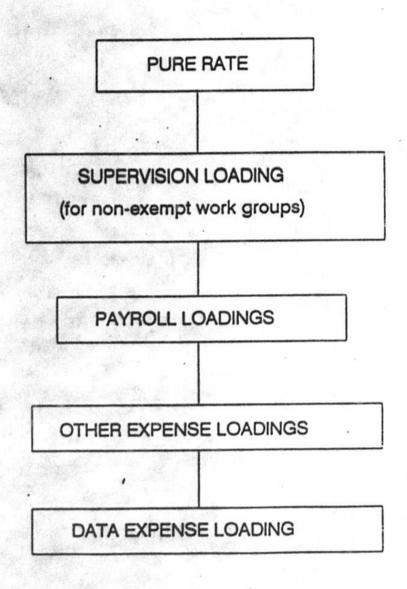
The house and office services loading includes expenses associated with house and office services such as janitorial services, cleaning supplies, water, sewage, fuel, guard services, electrical power, central mail and central records. The house and office services loading is calculated by applying a percentage taken from a study (provided by General Accounting) to the total dollars in the house and office services accounts. Those dollars are then divided by the work group's productive hours.

DATA EXPENSE LOADING

The data expense loading includes all programming and data costs associated with general purpose computers. An allocation factor is extracted from a Cost Allocations data study. This factor is applied to the total dollars in the data account to allocate data dollars to the appropriate work group. These dollars are then divided by the work group's total productive hours to derive the data expense loading.

FLOWCHART FOR DEVELOPING LOADED LABOR RATE

(Non-Plant Work Groups)



METHOD OF CALCULATING LOADED LABOR RATES (Non-Plant Work Group)

PURE RATE

In a staff (non-plant) work group, straight time, overtime, sick time and vacation are included in the pure rate. The pure rate is calculated by dividing the work group hours into the work group dollars. The labor module is the source for the information.

SUPERVISION LOADINGS

The supervision allocation is only included in a non-exempt (non-plant) work group. The allocation is calculated by taking the salary dollars of the supervisors and dividing them by the hours of the non-exempt employees who report to them. The labor module is the source for this information.

PAYROLL LOADINGS

The payroll loading is calculated by taking 25.7% (representing a benefits factor provided by our payroll department) and multiplying it by the pure rate. The 25.7% factor includes the following benefits:

FICA	7.65%
Holiday	4.60%
Pensions	0.00%
Workmans Compensation	10.80%
Company Paid Insurance	.19%
Company Matched Savings Plus	1.56%
Federal and State Withholding	.90%

OTHER EXPENSE LOADINGS

The other expense loading includes all expenses which cannot be properly classified within any other account categories. Also included in this loading are expenses associated with house and office services (janitorial services, cleaning supplies, water, sewage, fuel, guard services, electrical power, central mail room, and central records costs). The following steps are taken in calculating the other expense allocation. First, the dollars in the departmental other expense accounts are extracted from the general ledger. Second, a percentage taken from a house and office services study (provided by General Accounting) is applied to the total dollars in the House and Office services account to allocate house and office services expenses to the work group. Third, the dollars pulled from the general ledger in step 1 and the allotted house and office services dollars pulled in step 2 are added together and divided by the total work group hours which are pulled from the labor module.

DATA EXPENSE LOADING

The data expense loading includes all programming and data costs associated with general purpose computers. An allocation factor is extracted from a Cost Allocations data study. This factor is applied to the total dollars in the data account to allocate data dollars to the appropriate work group. These dollars are then divided by the work group's total hours from the labor module to derive the data expense loading.

TRANSLINK NONRECURRING RATE ELEMENTS

- 1. Local Channel
 - a. With Loop
 - b. Without Loop
- 2. Clear Channel Capability
- 3. Interoffice Channel
 - a. Fixed
 - b. Per Mile
- 4. DS1/DSO Multiplexing

WORK FUNCTION SUMMARIZED BY RATE ELEMENT

I. Local Channel

A. With Loop

- 1. BMOS/C
- 2. ICSC
- Service Center/Complex Control 3.
- Engineering Equipment
- Engineering Message Assignments 5.
- 6. Engineering Network Distribution
- 7. Local Central Office
- Network Management Center

B. Without Loop

- 1. BMOS/C
- ICSC 2.
- 3. Engineering Message Assignments
- 4. Local Central Office
- 5. Network Management Center

II. Clear Channel Capability

1. Local Central Office

III. Interoffice Channel

No additional labor required since it is completed at a higher level.

IV. DS1/DSO Multiplexing

- 1. BMOS/C
- 2. COG
- 3. ICSC
- 4. Local Central Office
- 5. Network Management Center

GENERAL GUIDELINES USED TO ACCUMULATE COSTS INTO RATE ELEMENTS

- A. Work functions by job classification were summarized in the basic task oriented study associated with both service request and disconnect activity.
- B. The associated work function detail was identified and assembled into cost elements that were used to support the proposed rate element structure.

These elements are identified in the Nonrecurring Labor Cost matrix on pages 9-18 and 9-19 of this section.

UNITED TELEPHONE OF FLORIDA A SPRINT COMPANY

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TransLink DS-1 Provisioning Service

30-Nov-93

	DS-1TRAN
	Sheet 1 of 2
	First Circuit Order
i	······································
	TransLink !
1	1. Marketing/BSD
'	
2	Harketing Associate
3	Marketing Sr. Consultant
234 567	Marketing Representative
5	II. CIG
9	Service Representative
,	Administrator
8 9 10	111. ICSC
9	Administrator
10	Representative
11	Billing Associate & Representativ
12	Billing Supervisor
14	IV. Service Ctr/Complex Ctrl
15	Associate
16	Outside Technician
17	V. Engineering - Net. & Svc. Planning
18	Engineering - Equipment
19	Engineer
20	Engineering - Special Service
21	Engineering - Message Assignments
22	
23	Engineer
-/	Associate
24	Engineering - Distribution
25	Senior Engineer
26	Production Engineer
27	VI. Local Central Office
28	Technician
29	Associate
1.0	
30	VII. Network Control Center

32

	ONRECURRING	ELEMENTS		
A	B	C	D	E
Local	Local	Inter	Initial	Initial
Channel	Channel	Office	Clear	
With	Without	Channel	Channel	DS1/DSO
Loop	Loop	Fixed	Capability	Multiplexing
	******	******	•••••	•••••

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		1 Laust 1UK	Da. I LLOA	sioning ser	VICE	
Additional Circuit Ordered at the same time			ONRECURR I NO	ELEMENTS		
TransLink		Local	Bocal	Inter	Subsequent	- : Subsequent
		Channel With	Channel Without	Office	- Clear Channel	051/050
I. Marketing/BSD		Loop	Loop	Fixed	Capability	Multiplexing
Marketing Associate Marketing Sr. Consultant -	1					

,	
2	Marketing Associate
3	Marketing Sr. Consultant
34	Marketing Representative
	Marketing Representative
527	
5	II. CIG
۴	Service Representative
7	Administrator
870112	III. ICSC
9	Administrator
10	Representative
11'	. Representative
12	Billing Associate & Representative
12	Billing Supervisor • • • •
13	IV. Service Ctr/Complex Ctrl .
14	Associate
15	Outside Technician
, ,	
16	V. Engineering - Net. & Svc. Planning
, .	v. Engineering -[Net. & SVC. Planning
17	Engineering - Equipment
18	Engineer
19	Engineering - Special Service
20	Engineering - Message Assignments
-	
21	Engineer
22	
26	Associate ·
_	
Z 3	Engineering - Distribution
24	Senior Engineer
25	Production Engineer
26	VI. Local Central Office
27.	Technician
28	Associate
-	Vasociare
26	
29	VII. Hetwork Control Center
30	
,	Technician

CHAPTER 10 .

SUMMARY

This chapter will provide a summary of cost elements. These cost elements will be provisioned according to the tariff rate structure they are intended to support. The four basic groups of cost elements are as follows:

- 1. Local Channel
- 2. Interoffice Fixed and Per Mile
- 3. Optional Features and Functions
- 4. Nonrecurring Costs

Chapter 5 develops the monthly loop cost that is utilized to support the local channel rate elements for both sub-voice and voice grades.

Chapter 6 develops the monthly interoffice facilities cost on a per circuit basis. The cost is reflected for both the fixed and distance sensitive components. These cost elements will support the interoffice channel, fixed and per mile rate structures. Chapter 7 develops the monthly circuit design cost that is utilized to support voice and data facilities.

Chapter 8 develops the annual cost factors that are utilized in translating investments into annual recurring costs.

Chapter 9 develops the nonrecurring cost elements that support the rate structure for Voice Grade service.

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TRANSLINK COST SUMMARY

		TRANSLINK COST SUMMAR	Y		_
			A B	C	D
	•		NONRECURRING (1)	MONTHLY	PAGE .
			FIRST ADDITIONAL	RECURRING	NOMBER
1	1.	LOCAL CHANNEL			
2		With Loop			5-93
_		· ·			7-9
3		Without Loop (3)			7-9
И			NONRECURRING		
1			NONRECORRING		
5	2	INTEROFFICE CHANNEL			
٠,					6-8
6		FIXED			0-0
7		PER MILE			6-8
7					
100					
8			. NONRECURRING (2)		
9		"" """ "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""	INITIAL SUBSEQUENT	•	
10	3.	CLEAR CHANNEL CAPABILITY			N/A
11	4.	MULTIPLEXING			
12		DS1/VOICE			7-5
13		DS1/DIGITAL			7-7
14	5.	AUTOMATIC LOOP TRANSFER			
15					N/A
. 3					
16	(1)	- First and additional refer to a single ordering timeframe			
17	(Z) (3)	 First and additional refer to a single ordering unservame Initial and subsequent refer to separate ordering events. Local Channel without loop means the customer's circuit is collocated. 			*
, ,					*

Response to Staff's 3rd Request for Production of Documents Request Nos. 11 and 12 United Telephone Co. of Florida Docket No. 940014-TL

Document No. 4

Response to Staff's 3rd Request for Production of Documents Request No. 11 and 12 United Telephone Co. of Florida Docket No. 940014-TL

UNITED'S RESPONSE TO STAFF'S THIRD POD, NOS, 11 and 12

Attached is a package that provides the backup support of the tandem switching rate as provided in United's 112/17/93 Local Transport Restructure tariff filing, Exhibit 3 of Attachment 3.

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,	Outputs:
2	Getting Started Cost Per Millisecond Cost per Tandem Trunk CCS
45678	Tandem Processor Time Annual Charge Factor Busy Hour to Full Day Ratio Business days in a year CCS to Minute Conversion factor
9	Tandem Setup

Tandem First Minute of Use Each Additional Minute of Use

INCREMENTAL COST OF TANDEM SWITCHING

UNITED TELEPHONE OF FLORIDA

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CAINS USAGE

B NONTH 12 YEAR 93 LT_RATE_ELE

STOTAL ROUTED DIRECT

INTERSTATE

STOTAL ROUTED NA

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TOTAL JURISDICTION INTERSTATE

D STOTAL ROUTED DIRECT

FETOTAL ROUTED TANDER

S TOTAL JURISDICTION INTRASTATE

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Calculation of the 1992 Tandem Switched Chargeable Transport MUOs

,	Omited		
2	Dec-93 Data from Suzan Altman (C	CAIMS Report)	C
3	DIRECT	TANDEM	TOTAL
4			
5			
6	Convert DEC-93 Data to annual 19	92 Data	
7	DIRECT	TANDEM	Total MOUS 1992
89			

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A United B

ORIG. Updated

/ Tandem Switching Rate

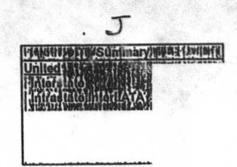
- A. 1992 Tandem Revenue Requirement
- 3 B. 20% of Tandem Revenue Requirement
- 4 (20% * A)
- 5 C. Total 1992 Tandem Switched
- 6 Chargeable transport MOUs
- 7 D. 4/5 MOUs *
 - E. Total 1992 Tandem Switched
- ? Chargeable transport MOUs
 - less 4/5 MOUs
- // (C-D)
- 12 F. Premium Tandem Rate
- 3 (B/E)
- 14 G. Transitional Rate
- (F* EATP .977219)

^{* 4/5} MOUs are MOUs associated with 4/5 offices, i.e. offices that serve as both Class 4 offices (access tandems) and Class 5 offices (end offices). The MOUs associated with such offices are actually only switched once. The Local Switching rate is already applied to these MOUs. So, it is inappropriate to also apply the Tandem Switching charge to these MOUs. Thus, the 4/5 MOUs are being subtracted from the Tandem Switched MOUs for purposes of calculating the Tandem Switching rate.

· Tandem Revenue Requirement Calculation

			Unite		
		Interstate		Intrastate	
	Per Larry Millard	Per Jeff Milligan	Oll	Original run @	Adjusted to
Gross Investment	1:		A12.0-0.10-0.2-0.10		
(a) Net Investment]:				
(b) Authorized return	I		7.		
(c) Income taxes	1				
(d) Other expenses	1				
(e) Overhead expenses	I .				
(f) Rev. Req.	T				1 4 1 - 4000 - 111
		* using 1992 allocator, run by Sylva.		* using 1992 allocator, run by Sylva.	* using 1992 allocal run by Sylva.

CT



DEDICATED SWITCHED TRANSPORT HODEL RENOTE REVENUE REPORT 02/02/94 4/5 MOUS UTF

E CURRENT I_STATE ST_REV MOU NOU HOU HILES

OFFICE **ALSPFLXADSO** 234567890112345678 **ALVAFLXARSO** APPKFLXADS1 **ARCDFLXADSO ASTRFLXARSO** AVPKFLXADSO **BCGRFLXARSO** BLVWFLXADSO **BNSPFLXADSO BSHNFLXADSO** BVHLFLXADSO **CLHTFLXADSO CLTNFLXARSO** CPCRFLXADSO CPCRFLXBDS1 **CPHZFLXADSO CRRVFLXADSO** CSLBFLXADS1 122224567890123456789012 CYLKFLXADSO CYLKFLXBRS0 DDCYFLXADS1 ESTSFLXADSO FTMBFLXADSO FTHDFLXA28A **FTHYFLXADSO** FTMYFLXBDSO FTHYFLXCDS2 **GLGCFLXADSO GLRDFLXADSO** GVLDFLXA42A HMSPFLXARSO HOWYFLXARSO **IMKLFLXARSO** INVRFLXADSO **IONAFLXARSO** KSSHFLXADSO KSSMFLXBDS1 KSSMFLXDDSO LBLLFLXADSO LDLKFLXADSO **LHACFLXADSO**

LKBRFLXADS1 LICHLFLXARSO

END

IXC	A END OFFICE	STATE: P	С	TOT HOU	FOCEXEC NAME: ST	STATE HOU	CURRENT ST_REV
1 ALC	LKPCFLXADSO						
2	LSBGFLXADS1						
3	HOISFLXADSO						
34	MTDRFLXADSO						
5	HTLDFLXADS1		100				
6	NFMYFLXADSO						
7	NFHYFLXBDSO						
7009	NNPLFLXADS1						
AGO A	NPLSFLXCDS0						
10	NPLSFLXDDS0						
12	OCALFLXADSO						
	OCALFLXB0S0						
13	OCALFLXCRSO						
14	OCALFLXJRSO OCNFFLXADSO						
16	OKCBFLXADSO						
17	OKLUFLXADSO						
18	ORCYFLXADSO						
19	ORCYFLXCDS1						
20	ORCYFLXCRS0						
21	PHGRFLXADSO						
	PTCTFLXADSO						1
23	SBNGFLXADSO						
24	SCPKFLXARSO						
25	SLHLFLXARSO						
16	SNISFLXADSO						
27	STCDFLXADSO SVSPFLXARSO						
28	SVSSFLXARSO						
27	TVRSFLXADSO						
2345678901	UNTLFLXARSO						
32	WCHLFLXADSO						
334	WLSTFLXARSO						
34	WLWDFLXARSO						
35	WNGRFLXADSO						
36	WNPKFLXADS1						
37	ZLSPFLXARS0						
郑 *TOTAL	IXC ALC						
19 ALN	ALSPFLXADS0						
	ALVAFLXARSO						
10	APPKFLXADS1			Water Comment			
71							

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GLRDFLXADSO GYLDFLXA42A MHSPFLXARSO HOWYFLXARSO INKLFLXARSO INVRFLXADSO IONAFLXARSO KNVLFLXARSO KSSHFLXADSO KSSHFLXADSO KSSHFLXADSO LBLLFLXADSO LBLLFLXADSO LHACFLXADSO					
GYLDFLXA42A HMSPFLXARSO HOWYFLXARSO INKLFLXARSO INVRFLXADSO IONAFLXARSO KWYLFLXARSO KSSMFLXADSO KSSMFLXADSO KSSMFLXADSO LBLLFLXADSO LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
HMSPFLXARSO HMSLFLXARSO IMKLFLXARSO INVRFLXARSO IONAFLXARSO KMVLFLXARSO KSSHFLXARSO KSSHFLXARSO KSSHFLXARSO KSSHFLXARSO LBLLFLXARSO LBLLFLXARSO LBLLFLXARSO LBLLFLXARSO					
HOWYFLXARSO INKLFLXARSO INVRFLXARSO IONAFLXARSO KWVLFLXARSO KSSHFLXARSO KSSHFLXARSO KSSHFLXBDS1 KSSHFLXDDS0 LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
INKLFLXARSO INVRFLXARSO IONAFLXARSO IONAFLXARSO KNVLFLXARSO KSSHFLXADSO KSSHFLXDDSO LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
INVRFLXADSO IONAFLXARSO KNVLFLXARSO KSSHFLXADSO KSSHFLXDDSO LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
IONAFLXARSO KNYLFLXARSO KSSHFLXADSO KSSHFLXDDSO KSSHFLXDDSO LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
KINLFLXARSO KSSHFLXADSO KSSHFLXDDSO LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
KSSHFLXADSO KSSHFLXDDSO LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
KSSMFLXBDST KSSMFLXDDSD LBLLFLXADSD LDLKFLXADSD LHACFLXADSD					
KSSHFLXDDSO LBLLFLXADSO LDLKFLXADSO LHACFLXADSO					
LBLLFLXADSO LDLXFLXADSO LHACFLXADSO					
LDLXFLXADSO LHACFLXADSO					
LHACFLXADSO	CONTRACTOR OF THE PARTY OF THE				
KREPL XADST	LKBRFLXADS1				

END A	STATE: FL B C EO SNC HILES HTPT	D _{TOT}	FOCEXEC NAME: ST	STATE HOU	CURRENT ST_REV
LICHLFLXARSO					
HOISFLXADS					
MRHNFLXARSO					
HTDRFLXADS)				
HTLDFLXADS'					
HTVRFLXARS					
NFMYFLXBDS					
NNPLFLXADS					
NPLSFLXCDS					
NPLSFLXDDS	0				
OCALFLXADS	주민 - 이름으로 사용됐다.하기 (15년) 1985년				
OCALFLXBDS					
OCALFLXCRS					
OCALFLXJRSI OCNFFLXADS					
OKCBFLXADS					
OKLWFLXADS					
ORCYFLXADS					
ORCYFLXCDS	1-				
ORCYFLXCRS					
PNGRFLXADS					
PHISFLXADS					
PTCTFLXADS					
SCPKFLXARS					
SLHLFLXARS					
SNANFLXA58					
SNISFLXADS					
SSPRFLXARS					
STCDFLXADS					
SVSPFLXARS					
TLCHFLXA58					
TVRSFLXADS					
UNTLELXARS	10				
WCHLFLXADS					
WLSTFLXARS					
WLWDFLXARS WNDRFLXARS					
WNGRFLXADS					
BHURF LANDS	-				

IXC	END A OFFICE	STATE: FL EO_SMC MILES MTPT		TOT HOU	FOCEXEC NAME: STO	STATE HOU	CURRENT ST_REV	
	ALN	WNPKFLXADS1						

ALN	WNPKFLXADS1	1		-25-2	
,	ZLSPFLXARSO				
	ZLSFFLARSU				
	IXC ALN				
FIUIAL	TAC ALM				
	ALSPFLXADSO				
ALU 5	ALVAFLXARSO				
-	APPKFLXADS1				
47890	BCGRFLXARSO				
6	BNSFFLXADSO				
0	CLTNFLXA98A				
6	CPCRFLXADSO				
il	CPCRFLXBDS1				
	CPHZFLXADSO				
13	CSLBFLXADS1				
13	CYLKFLXADSO				
14 15 17	CYLKFLXBRSO				
12	EVRGFLXARSO				
17	FTHBFLXADSO				
18	FTHYFLXADSO				
18	FTMYFLXBDSO				
20	FTMYFLXCDS2				
21	GLGCFLXADSO		Y		
22	GLRDFLXADSO				
23	INKLELXARSO				
24	IONAFLXARSO				
25	KNVLFLXARSO				
26	KSSMFLXADSO				
27	KSSMFLXBDS1				
28	LBLLFLXADS0				
29	LHACFLXADSO				
22290123	LICERFLXADS1				
31	LIGHLFLXARSO				
32	MOISFLXADSO				
33	MRHNFLXARSO				
34	HTLDFLXADS1				
35	MTVRFLXARSO				
36	NFMYFLXADSO				
37	NFMYFLXBDSO				
38	NNPLFLXADS1				
39	NPLSFLXCDSO				
38 39 40	NPLSFLXDDS0				
41	ORCYFLXADSO				

KSSMFLXDDSO LBLLFLXADSO LHACFLXADSO

			UNITED (PERATING COM	PANIES		
	END A	STATE: F	c	For	FOCEXEC NAME: STC	STATE	CURRENT
IXC	OFFICE	MILES	MTPT	HOU	HOU	HOU	ST_REV
	25000						-
/ ALU	ORCYFLXCDS1						
3	PNGRFLXADSO PNISFLXADSO						
4	PTCTFLXADSO						
5	SCPKFLXARSO						
6	SNISFLXADSO						
7	STCDFLXADSO						
8	WNGRFLXADSO						
29456789	WNPKFLXADS1						
ONTOTAL	IXC ALU						
// ANI	ALSPFLXADSO						
12	ALVAFLXARSO APPKFLXADS1						
13	ARCOFLXADSO						
14	AVPKFLXADSO						
15	BCGRFLXARSO						
167	BNSPFLXADSO						
18	BWLGFLXA37A						
19	CLTNFLXARSO						
20	CPCRFLXADSO			A CONTRACTOR			- 4
21	CPCRFLXBDS1						
22	CPHZFLXADSO						
23	CSLBFLXADS1						
24	CYLKFLXADSO						
25	CYLKFLXBRS0						
26	EVRGFLXARSO						
27	FTHBFLXADSO						
28	FTMDFLXA28A						
27	FTMYFLXBDS0						
31	FTMYFLXCDS2						
32	GLGCFLXADSO						
33	GLRDFLXADSO						
2222233333333333	IMKLFLXARSO						
35	10NAFLXARSO						
36	KNVLFLXARSO						
37	KSSHFLXADSO						
29	KSSMFLXBDS1						

			UNITED	OPERATING CO	MPANIES		
IXC	A END OFFICE	STATE: F EO_SWC HILES	C HTPT	D TOT MOU	FOCEXEC NAME: S I_STATE NOU	STATE MOU	CURRENT ST_REV
/ ANI	LKBRFLXADS1						
	LICHLFLXARSO						
2	LKPCFLXADSO						
4	MOISFLXADSO						
5	MRHNFLXARSO						
28456789	NTLDFLXADS1						
7	MTVRFLXARSO						
g	NFWYFLXADSO						
9	NFMYFLXBDSO						
10	NNPLFLXADS1						
11	NPLSFLXCDS0						
12	NPLSFLXDDS0						
13	OKCBFLXADSO						
14	ORCYFLXADSO						
14516	ORCYFLXCDS1						
16	ORCYFLXCRSO						
17 18 19 20	PNGRFLXADSO PNISFLXADSO						
18	PTCTFLXADSO						
20	SBNGFLXADSO						
2/	SCPKFLXARSO						
22	SLHLFLXARSO						
23	SNISFLXADSO						
24	STCDFLXADSO						
25	WCHLFLXADSO						
23	UNGRFLXADSO						
7	WNPKFLXADS1						
18	ZLSPFLXARSO						
9*TOTAL	IXC ANI						
O ANK	ALSPFLXADSO						
	ALVAFLXARSO						
12	APPKFLXADS1						
3	BCGRFLXARSO						
4	BNSPFLXADSO						
12345678	CLTNFLXARSO						
6	CPCRFLXADSO						
36	CPCRFLXBDS1						
20	CSLBFLXADSO CSLBFLXADS1						
39	CYLKFLXADSO						
41	CYLKFLXBRS0						
7.1							

:	END A	STATE: F	MTPT	TOT	I_STATE	STATE	CURRENT ST_REV
	EVRGFLXARSO			15			-
	FTHBFLXADSO						
	FTHYFLXADSO						
	FTHYFLXBDSO						
	FTMYFLXCDS2						
	GLGCFLXADSO						
	GLRDFLXADSO						
	IMKLFLXARSO						
	IONAFLXARSO						
	KNVLFLXARSO						
	KSSMFLXADSO						
	KSSMFLXBDS1						
	KSSMFLXDDSO						
	LBLLFLXADSO						
	LHACFLXADSO	No.					
	LKBRFLXADS1						
	LIGHLFLXARSO						
	MOISFLXADSO						
	MRHNFLXARSO		2000年				
	HTLDFLXADS1						
	HTVRFLXARSO						
	NFMYFLXADSO						
	NFMYFLXBDSO NNPLFLXADS1						
	NPLSFLXCDSO						
	NPLSFLXDDSO						
	ORCYFLXADSO						
	ORCYFLXCDS1						
	ORCYFLXCRSO						
	PNGRFLXADSO						
	PNISFLXADSO						
	PTCTFLXADSO						
	SCPKFLXARSO						
	SNISFLXADSO						
	STCDFLXADSO						
	UNDRFLXARSO						
	UNGRFLXADSO						
	UNPKFLXADS1						
VL.	IXC ANK						
	ALSPFLXADSO						
	APPKFLXADS1						

			UNITED	OPERATING CO	ULANTES			
IXC	END OFFICE	STATE: F	NTPT	TOT HOU	FOCEXEC NAME:	STCUR	STATE HOU	CURRENT ST_REV
/ ARE	BNSPFLXADSO							
	CPCRFLXADSO							
3	CPCRFLXBDS1							
4	CSLBFLXADS1							
5	CYLKFLXADSO							
2345678910	FTHYFLXADSO							
7	FTMYFLXCDS2							
8	GLRDFLXADSO							
9	IONAFLXARSO							
10	KSSMFLXADSO		1000					
11	KSSMFLXBDS1							
12	LHACFLXADSO LKBRFLXADS1							
34567 890	MOISFLXADSO							
14	MTLDFLXADS1							
17	NFHYFLXADSO							
17	NNPLFLXADS1							
18	NPLSFLXCDSO							
19	NPLSFLXDDS0							
20	ORCYFLXADSO							
21	PHGRFLXADSO							
3345	PTCTFLXADSO							
23	SNISFLXADSO							
24	WNGRFLXADSO							
25	WNPKFLXADS1							
26 STOTAL	IXC ARE							
	700							
27 ATX	ALSPFLXADSO							
28	ALVAFLXARSO							
39	APPKFLXADS1							
30	ARCDFLXADSO ASTRFLXARSO							
22	AVPKFLXADSO							
23	BCGRFLXARSO							
34	BLVWFLXADSO							
2345678901	BNSPFLXADSO							
36	BSHNFLXADSO							
37	BVHLFLXADSO							
38	BWLGFLXA37A							
39	CHSVFLXADSO							
40	CLHTFLXADSO							
41	CLTNFLXARSO							

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		UNITE	OPERATING CO	WLWIES		
END A	STATE: FI	нтрт	D _{TOT}	FOCEXEC NAME:	F	ATE
CPCRFLXAD						
CPHZFLXAD						
CRRVFLXAD						
CSLBFLXAD						
CYLKFLXAD						
CYLKFLXBR						
DDCYFLXAD						
ESTSFLXAD	s0					
EVRGFLXAR	so					
FTMBFLXAD	TOTAL CONTRACTOR OF THE PARTY O					
FTMDFLXA2						
FTMYFLXAD						
FTHYFLXBD						
FTHYFLXCD						
GLGCFLXAD			7			
GULDFLXAG						
HMSPFLXAR		1				
HOWYFLXAR						
INKLFLXAR						
INVRFLXAD						
IONAFLXAR	POPULATION VIOLENCE CONTRACTOR					
KNVLFLXAR	s0					
KSSMFLXAD	s0					
KSSMFLXBD	S1					
KSSMFLXDD						
LBLLFLXAD						
LDLKFLXAD						
LHACFLXAD						
LKBRFLXAD						
LKPCFLXAD						
LSBGFLXAD						
MOISFLXAD				32		
MRHNFLXAR						
HTDRFLXAD	s0					
HTLDFLXAD	\$1					
MTVRFLXAR						
NFHYFLXAD	\$0					

	A END OFFICE	STATE: I	C	D TOT HOU	FOCEXEC NAME: STO E 1_STATE HOU	STATE	CURREN ST_REV
	NPLSFLXDDSO	- 1		Solver Service			
	OCALFLXADSO						
	OCALFLXBDSO						
	OCALFLXCRSO						
	OCALFLXJRSO						
	OCNFFLXADSO						
	OKCBFLXADSO						
	OKLUFLXADSO ORCYFLXADSO						
	ORCYFLXCDS1						
	ORCYFLXCRSO						
	PNGRFLXADSO						
	PNISFLXADSO						
1 9	PTCTFLXADSO						
- 3	SBNGFLXADSO						
	SCPKFLXARSO						
	SLHLFLXARSO						
	SNANFLXA58A						
	SNISFLXADSO						
	SSPRFLXARSO						
	STCDFLXADSO						
	SVSPFLXARSO SVSSFLXARSO						
	TLCHFLXA58A						
	TVRSFLXADSO						
	UNTLFLXARSO						
	WCHLFLXADSO						
	WLSTFLXARSO						
	WLWDFLXARSO						
	WNDRFLXARSO						
	WNGRFLXADSO						
	WNPKFLXADS1 ZLSPFLXARSO						
TAL	IXC ATX						
	ALSPFLXADSO						
	APPKFLXADS1						
-17	BLVWFLXADSO						
	BVHLFLXADSO						

				TO SERVICE SERVICE STATE OF THE PERSON OF TH		
A END OFFICE	STATE: F EO_SWC HILES	L HTPT	TOT HOU	FOCEXEC NAME:	STCUR F STATE MOU	CURI ST_I
ESTSFLXADSO						
GLRDFLXADSO						
INVRFLXADSO						
KSSHFLXADSO						
KSSMFLXBDS1						
LDLKFLXADSO						
LKBRFLXADS1						
LSBGFLXADS1						
HTDRFLXADSO						
· MTLDFLXADS1						
OCALFLXADSO						
OCALFLXBDSO						
OCALFLXCRSO						
OCALFLXJRSO						
ORCYFLXADSO						
ORCYFLXCDS1						
ORCYFLXCRSO		1 F (F6)				
SSPRFLXARSO						
STCDFLXADSO						
SVSPFLXARSO						
SVSSFLXARSO						
TVRSFLXADSO						
UNTLFLXARSO						
WLSTFLXARSO						
WLWDFLXARSO						
WNGRFLXADSO						
WNPKFLXADS1						
AL IXC BIZ						
ALSPFLXADSO						
APPKFLXADS1						
ARCDFLXADSO						
ASTRFLXARSO						
AVPKFLXADSO						
BLVWFLXADSO						
BNSPFLXADSO						
CLHTFLXADSO						
CPCRFLXADSO						
CPCRFLXBDS1						
CRRVFLXADSO				-8/1		
CSLBFLXADS1						
CYLKFLXADSO						

A A	STATE: FL C	D	FOCEXEC NAME: ST	CUR F	CURI
OFFICE	MILES HTPT	NOU	MOU	MOU	ST_I
		_			
CYLKFLXBRSO					
DOCYFLXADS1					
ESTSFLXADSO					
EVRGFLXARSO					
FTHBFLXADSO					
FTHYFLXADSO					
FTMYFLXBDS0					
FTHYFLXCDS2					
GLGCFLXADSO					
GLRDFLXADSO					
HOWYFLXARSO					
INVRFLXADSO					
IONAFLXARSO					
KNVLFLXARSO	Faul Lands				
KSSHFLXADSO					
KSSHFLXBDS1					
LDLKFLXADSO					
LHACFLXADSO					
LKBRFLXADS1					
LICHLFLXARSO					
LKPCFLXADSO					
LSBGFLXADS1					
MOISFLXADSO					
HTLDFLXADS1					
MTVRFLXARSO					
NFMYFLXADSO					
NFMYFLXBDSO					
NNPLFLXADS1					
NPLSFLXCDS0					
NPLSFLXDDSO	The Park				
OCALFLXADSO					
OCALFLXBDSO					
OKCBFLXADSO					
ORCYFLXADSO					
ORCYFLXCDS1					
ORCYFLXCRSO					
PNGRFLXADSO					
PTCTFLXADSO					
SBNGFLXADSO SCPKFLXARSO					
SLHLFLXARSO					
SSPRFLXARSO					
STCDFLXADSO					
ALCOL PVV000					

SYSSFLXARSO TYRSFLXADSO UMTLFLXARSO WLSTFLXARSO

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			UNITED	OPERATING COP	PANIES			
IXC	A END OFFICE	STATE: F EO_SUC HILES	MTPT	D TOT HOU	FOCEXEC NAME:	5	TATE OU	CURRENT ST_REV
/ CDD 2 3 4 5	SVSPFLXARSO TVRSFLXADSO WLSTFLXARSO WNGRFLXADSO WNPKFLXADSO							
*TOTAL	IXC CDD							
7 сре	UNPKFLXADS1							
3 *TOTAL	IXC CPQ							
7 ceo	CPHZFLXADSO FTMBFLXADSO NPLSFLXDDSO							
ス *TOTAL	IXC CQO							
3456789	BLVVFLXADSO BSHNFLXADSO BYHLFLXADSO CLMTFLXADSO CRVFLXADSO DDCYFLXADSO HMSPFLXARSO INVRFLXADSO LDLKFLXADSO LSBGFLXADSO MTDRFLXADSO OCALFLXADSO OCALFLXADSO							
247 249 31 23 33 33	OCALFLXCRSO OCALFLXJRSO OCALFLXJRSO OCALFLXADSO OKLWFLXADSO SNANFLXASSA SSPRFLXARSO SVSPFLXARSO							

		. 200	STATE: F			FOCEXEC NAME: ST	CUR _	6
	IXC	END OFFICE	EO_SWC	MTPT	TOT MOU	I_STATE	STATE	CURRENT ST_REV
	_			-	-	, 		
•	DGC	WLWDFLXARSO						

IXC	OFFICE . MI	LES MIPT	MOU	NOU
-				
) DEC	WLWDFLXARSO			
2 STOTAL	L IXC DGC			
5 DLT	ALSPFLXADSO			
	ALVAFLXARSO			
5	APPKFLXADS1			
6	ARCDFLXADSO			
7	ASTRFLXARSO			
456789	AVPKFLXADSO			
9	BCGRFLXARSO			
10	BLVWFLXADSO			
11	BNSPFLXADSO			
12	BSHNFLXADSO			
13	BVHLFLXADSO			
14	BWLGFLXA37A			
15	CHSWFLXADSO			
16	CLHTFLXADSO			
17	CLTNFLXARSO			
18	CPCRFLXADSO			
19	CPCRFLXBDS1			
20	CPHZFLXADSO			
21	CRRVFLXADSO			
22	CSLBFLXADS1			
23	CYLKFLXADSO			
24	CYLKFLXBRS0	49.0		
25	DDCYFLXADS1			
26	ESTSFLXADSO			
27	EVRGFLXARSO			
28	FTMBFLXADSO FTMDFLXA28A			
29	FTNYFLXADSO			
30	FTHYFLXBDSO			
32	FTHYFLXCDS2			
33	GLGCFLXADSO			
34	GLRDFLXADSO			
35	GVLDFLXA42A			
36	HMSPFLXARSO			
3.7	HOWYFLXARSO			
38	IMKLELXARSO			
39	INVRFLXADSO			
40	IONAFLXARSO			
111	KNVLFLXARSO			

END A	STATE: F	C	I TO	or T	I_STATE	STCUR	STATE MOU	CURR ST_R
KSSMFLXADSO	1-2			Diena.				
CSSMFLXBDS1								
CSSMFLXDDSO								
LBLLFLXADSO								
LDLKFLXADSO LHACFLXADSO								
KBRFLXADS1								
LICHLELXARSO								
KPCFLXADSO								
SBGFLXADS1								
IOISFLXADSO								
RHNFLXARSO			100					
TORFLXADSO								
TLDFLXADS1								
TVRFLXARSO								
FHYFLXADSO								
IFMYFLXBDSO								
INPLFLXADS1								
PLSFLXCDS0								
PLSFLXDDSO								
CALFLXADSO CALFLXBDSO								
CALFLXCRSO								
CALFLXJRSO								
CNFFLXADSO								
KCBFLXADSO								
DKLWFLXADSO								
ORCYFLXADSO								
ORCYFLXCDS1								
ORCYFLXCRSO								
PNGRFLXADSO								
PHISFLXADSO								
PTCTFLXADSO SBNGFLXADSO								
SCPKFLXARSO								
SLHLFLXARSO								
SNANFLXA58A								
SNISFLXADSO								
SSPRFLXARSO								
STCDFLXADSO								
SVSPFLXARSO								
SVSSFLXARSO								
TLCHFLXA58A								

BSHNFLXADSO BVHLFLXADSO BWLGFLXA37A CHSWFLXADSO CLHTFLXADSO CLTNFLXARSO CPCRFLXADSO

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IXC	A) END OFFICE	STATE: F	нтрт		D TOT HOU	FOCEXEC NAME:	STCUR	STATE MOU	CURRENT ST_REV
123456789	TVRSFLXADSO UMTLFLXARSO UCHLFLXADSO ULSTFLXARSO ULUDFLXARSO UNDRFLXARSO UNDRFLXADSO UNDRFLXADSO UNDRFLXADSO UNDRFLXADSO UNDRFLXADSO UNDRFLXADSO								
/O*TOTAL	IXC DLT								
11 EW 12 13 14 56 17 18 19 20 12	ALSPFLXADSO APPKFLXADSO KSSMFLXADSO KSSMFLXBDS1 KSSMFLXDDSO LKBRFLXADS1 MTLDFLXADS1 ORCYFLXADS0 STCDFLXADSO UNGRFLXADS0 UNGRFLXADS0								
23*TOTAL	IXC EAA								
24 exf 25 25 27 28	ALSPFLXADSO ALVAFLXARSO APPKFLXADS1 ARCDFLXADSO ASTRFLXARSO AVPKFLXADSO								
899012 3333	BCGRFLXARSO BLVWFLXADSO BNSPFLXADSO								

A	STATE: F	C	Pot	FOCEXEC NAME:	STEUR	CURRENT
OFFICE	MILES	итрт	MOU	MOU	MOU	ST_REV
CPCRFLXBDS1						
CPHZFLXADSO CRRVFLXADSO		5				
CSLBFLXADS1						
CYLKFLXADSO						
CYLKFLXBRSO						
DOCYFLXADS1						
ESTSFLXADSO						
EVRGFLXARSO						
FTMBFLXADSO						
FTHDFLXA28A FTHYFLXADSO						
FTHYFLXBDSO						
FTMYFLXCDS2						
GLGCFLXADSO						
GLRDFLXADSO						
GVLDFLXA42A						
HMSPFLXARSO						
HOWYFLXARSO						
INKLFLXARSO						
INVRFLXADSO						
IONAFLXARSO						
KNVLFLXARSO KSSMFLXADSO						
KSSMFLXB0S1						
KSSMFLXDDSO						
LBLLFLXADSO						
LDLKFLXADSO						
LHACFLXADSO						
LKBRFLXADS1						
LKHLFLXARSO LKPCFLXADSO	A					
LSBGFLXADS1						
MOISFLXADSO		14				
MRHNFLXARSO						
HTDRFLXADSO						
HTLDFLXADS1		1115				
HTVRFLXARSO						
NFMYFLXADSO						
NFHYFLXBDS0						

A END OFFICE	STATE: FI	МТРТ	TOT HOU	I_STATE	STATE HOU	CURRENT ST_REV
OCALFLXADSO						
OCALFLXBDSO						
OCALFLXCRSO						
OCALFLXJRSO OCNFFLXADSO						
OKCBFLXADSO						
OKLWFLXADSO						
ORCYFLXADSO						
ORCYFLXCDS1						
ORCYFLXCRSO						
PNGRFLXADSO						
PHISFLXADSO						
SBNGFLXADSO						
SCPKFLXARSO						
SLHLFLXARSO						
SNANFLXAS8A						
SNISFLXADSO						
SSPRFLXARSO						
STCDFLXADSO						
SVSPFLXARSO						
SVSSFLXARSO						
TLCHFLXA58A TVRSFLXADSO						
UNTLFLXARSO						
WCHLFLXADSO						
WLSTFLXARSO						
WLWDFLXARSO						
WNDRFLXARSO						
WNGRFLXADSO						
VNPKFLXADS1 ZLSPFLXARSO						
ZLSPFLXARSU						
AL IXC EXF						
LSBGFLXADS1						
AL IXC GTS						
ALSPFLXADSO						
APPKFLXADS1 CSLBFLXADS1						
CSEBLEVEDS						

	END OFFICE	STATE: F	HTPT	TOT HOU	FOCEXEC NAME:	STCUR STATE HOU	CURRENT ST_REV
	OCALFLXADSO OCALFLXBDSO OCALFLXCRSO						
T 5	OCALFLXJRSO OCNFFLXADSO OKCBFLXADSO						
89	OKLWFLXADSO ORCYFLXADSO ORCYFLXCDS1						
10	ORCYFLXCRSO PNGRFLXADSO PNISFLXADSO						
14	PTCTFLXADSO SBNGFLXADSO SCPKFLXARSO						
16 17 18	SLHLFLXARSO SNANFLXASSA SNISFLXADSO						
19 20 21	SSPRFLXARSO STCDFLXADSO SVSPFLXARSO						
22 23 24	SVSSFLXARSO TLCHFLXA58A TVRSFLXADSO						
25 26 27	UNTLFLXARSO WCHLFLXADSO WLSTFLXARSO						
28 29 30	WLWDFLXARSO WNDRFLXARSO WNGRFLXADSO						
31	WNPKFLXADS1 ZLSPFLXARSO						
≥ *total 34 ets	LSBGFLXADS1		*				
\$5 *TOTAL							
36 HNI 37 38 39	ALSPFLXADSO APPKFLXADSO CSLBFLXADSO GLRDFLXADSO						

	1.00			PERATING CON			
IXC	END OFFICE	STATE: FL EO_SWC HILES	С	TOT HOU	FOCEXEC MAME: STO	STATE MOU	CURRENT ST_REV
I HNI 2 3 4	KSSHFLXARSO KSSHFLXADSO KSSHFLXBDS1 LXBRFLXADS1						
5	HTLDFLXADS1						
6 7 8	NTVRFLXARSO ORCYFLXADSO						
9	ORCYFLXCDS1 ORCYFLXCRSO						
11	STCDFLXADSO UNGRFLXADSO						
13	WNPKFLXADS1						
14*TOTAL	IXC HNI						
15 ITT	ALSPFLXADSO						
16	ALVAFLXARSO						
17	APPKFLXADS1						
18	ARCDFLXADSO						
19	ASTRFLXARSO						
20	AVPKFLXADSO						
	DACCEL VADOR						

14*TOTAL	IXC HNI
15177	ALSPFLXADSO
16	ALVAFLXARSO
17	APPKFLXADS1
18	ARCDFLXADSO
19	ASTRFLXARSO
20	AVPKFLXADSO
21	BCGRFLXARSO
22	BLVWFLXADSO
23	BNSPFLXADSO
24	BSHNFLXADSO
25	BVHLFLXADSO
25	BWLGFLXA37A
27	CHSWFLXADSO
28	CLMTFLXADSO
29	CLTNFLXARSO
30	CPCRFLXADSO
31	CPCRFLXBDS1
32	CPHZFLXADSO
33	CRRVFLXADSO
34	CSLBFLXADS1
35	CYLKFLXADSO
36	CYLKFLXBRS0
37	DOCYFLXADS1
38	ESTSFLXADSO
39	EVRGFLXARSO
40	FTMBFLXADS0

END OFFICE	STATE: FI	НТРТ	TOT	FOCEXEC NAME: I_STATE HOU	STCUR	STATE	CURRENT ST_REV
	—	-	-				
FTHYFLXADSO							
FTHYFLX80SO							
FTHYFLXCDS2 GLGCFLXADSO							
GLECFLXADSO							
GVLDFLXA42A							
HISPFLYARSO							
HOWYFLXARSO							
INKLFLXARSO							
INVRFLXADSO							
IONAFLXARSO							
KNVLFLXARSO							
KSSMFLXADSO							
KSSMFLXBDS1							
KSSHFLXDDSO							
LBLLFLXADSO							
LDLKFLXADSO							
LHACFLXADSO							
LXBRFLXADS1							
LIGHLFLXARSO LKPCFLXADSO							
LSBGFLXADS1							
MOISFLXADSO							
MRHMFLXARSO							
MTDRFLXADSO							
HTLDFLXADS1							
HTVRFLXARSO							
NFHYFLXADSO							
NEMYFLXBDSO							
NNPLFLXADS1 NPLSFLXCDS0							
NPLSFLXDDSO							
OCALFLXADSO							
OCALFLXB0S0							
OCALFLXCRS0							
OCALFLXJRSO							
OCNFFLXADSO							
OKCBFLXADSO							
OKLWFLXADSO							
ORCYFLXADSO							
ORCYFLXCDS1							
ORCYFLXCRSO PNGRFLXADSO							
LIMBEL LYNN 20							

IXC	END OFFICE	STATE: F EO_SWC MILES	MTPT	D TOT	I_STATE	STATE HOU	CURRENT ST_REV
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PHISFLYADSO PTCTFLXADSO SBNGFLXADSO SCPKFLXARSO SLHLFLXARSO		The state of the s				
7 89	SMANFLXA58A SNISFLXADSO SSPRFLXARSO STCDFLXADSO						
11 12 13 14	SVSPFLXARSO SVSSFLXARSO TLCHFLXASSA TVRSFLXADSO						
15 16 17	UNTLFLXARSO WCHLFLXADSO WLSTFLXARSO WLWDFLXARSO						
18 19 20 21	WINDRFLXARSO WINDRFLXADSO WINDRFLXADSO ZLSPFLXARSO						
2*TOTAL	IXC ITT						
3 LDD 24 25 26 27 28 29	ALSPFLXADSO ALVAFLXARSO APPKFLXADS1 ARCDFLXADSO ASTRFLXARSO AVPKFLXADSO BCGRFLXARSO						
331234567	BLYWFLXADSO BMSPFLXADSO BSMNFLXADSO BWHLFLXADSO BWLGFLXA37A CHSWFLXADSO CLHTFLXADSO CLTHFLXARSO						
38	CPCRFLXADSO CPCRFLXBDS1 CPHZFLXADSO CPRVFLXADSO						

FOCEXEC NAME: STCUR

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HOU

DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94

INTRASTATE INTERLATA MODEL

UNITED OPERATING COMPANIES

TOT

HOU

IXC	END OFFICE	STATE: I EO_SWC MILES
LDD	CSLBFLXADS1	
2	CYLKFLXADSO	
3	CYLKFLXBRS0	
5	DDCYFLXADS1 ESTSFLXADS0	
6	EVRGFLXARSO	
7	FTMBFLXADSO	
8	FTMDFLXA28A	
9	FTMYFLXADSO	
10	FTMYFLXB0S0	
11	FTMYFLXCDS2	
12	GLGCFLXADSO	
13	GLRDFLXADSO	
14	GVLDFLXA42A	
15	HMSPFLXARSO	
16	HOWYFLXARSO INKLFLXARSO	
17	INVRFLXADSO	
19	IONAFLXARSO	
20	KNVLFLXARSO	
21	KSSHFLXADSO	
22	KSSMFLXB0S1	
23	KSSMFLXDDSO	
24	LBLLFLXADSO	
25	LDLKFLXADSO	
26	LHACFLXADSO LKBRFLXADS1	
27	LICHLFLXARSO	
29	LKPCFLXADSO	
222333	LSBGFLXADS1	
31	MOISFLXADSO	
32	MRHNFLXARSO	
33	MTDRFLXADSO	
34	HTLDFLXADS1	
35	NTVRFLXARSO NFHYFLXADSO	
36	NFMYFLXBDSO	
3/	NNPLFLXADS1	
39	NPLSFLXCDS0	
40	NPLSFLXDDSO	
41	OCALFLXADS0	

42 OCALFLXBDSO 43 OCALFLXCRSO STATE CURRENT
MOU ST_REV

	Α	STATE: FL	D	FOCEXEC NAME:	STCUR	F	G
	END / T	EO_SWC	TOT	I_STATE		TATE	CURRENT
IXC	OFFICE	MILES HTPT	NOU	NOU		IOU	ST_REV
-	—				•		
I LOD	OCALFLXJRSO						
234567890	OCNFFLXADSO OKCBFLXADSO						
4	OKCBFLXADSO						
5	ORCYFLXADSO						
6	ORCYFLXCDS1						
7	PNGRFLXADSO						
8	PNISFLXADSO						
9	PTCTFLXADSO						
10	SBNGFLXADSO						
11	SCPKFLXARSO						
12	SLHLFLXARSO						
13	SNANFLXA58A						
1234	SNISFLXADSO						
15	SSPRFLXARSO						
16	STCDFLXADSO						
17	SVSPFLXARSO						
18	SVSSFLXARSO						
19	TLCHFLXA58A						
50	TVRSFLXADSO						
21	UNTLFLXARSO						
26	WCHLFLXADSO						
43	WLSTFLXARSO						
24	WLWDFLXARSO						
25	WNDRFLXARSO WNGRFLXADSO			A CANADA			
27	WNPKFLXADS1						
27	ZLSPFLXARSO						
	7						
29 *TOTAL	IXC LDD						
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
30 LTL	ALVAFLXARSO						
31	BCGRFLXARSO						
32	BNSPFLXADSO						
33	CLTNFLXARSO						
34	CPCRFLXADSO						
35	CPCRFLXBDS1						
36	CPHZFLXADSO						
38	CYLKFLXBRSO CYLKFLXBRSO						
39	EVRGFLXARSO						
40	FTMBFLXADSO						
41	FTHYFLXADSO						
77							

			ONTIED O	PERALING COM	WITES		
IXC	END OFFICE	STATE: F EO_SUC HILES	C HTPT	TOT MOU	I_STATE	STATE HOU	CURRENT ST_REV
12345678910	FTHYFLXBDSO FTHYFLXCDS2 GLGCFLXADSO IMKLFLXARSO IONAFLXARSO						
789	LHACFLXADSO LHACFLXADSO HOISFLXADSO HRHNFLXARSO						
12	NFHYFLXADSO NFHYFLXADSO NNPLFLXADSO NPLSFLXDDSO NPLSFLXDDSO						,
14511789	PNGRFLXADSO PHISFLXADSO PTCTFLXADSO SCPKFLXARSO						
20*TOTAL							
21 MCI 22 23 24	ALVAFLXARSO APPKFLXADS1 ARCDFLXADS0						
327 89 227 89	ASTRFLXARSO AVPKFLXADSO BCGRFLXARSO BLVVFLXADSO BNSPFLXADSO						
3012	BSHNFLXADSO BVHLFLXADSO BWLGFLXA37A CHSWFLXADSO						
7778901234567890	CLMTFLXADSO CLTNFLXARSO CPCRFLXADSO CPCRFLXBDS1						
38 39 41	CPHZFLXADSO CRRVFLXADSO CSLBFLXADSO CYLKFLXADSO						

IXC	END OFFICE	STATE: F	L MTPT	TOT MOU	FOCEXEC NAME: STCUR 1_STATE HOU					
				7/15/2017						
INCI 23446789011	CYLKFLXBRSO DOCYFLXADS1									
2										
4	ESTSFLXADSO EVRGFLXARSO									
5	FTMBFLXADSO									
6	FTHDFLXA28A									
7	FTMYFLXADSO									
8	FTHYFLXBDSO									
9	FTMYFLXCDS2									
10	GLGCFLXADSO									
11	GLRDFLXADSO									
12	GVLDFLXA42A									
13	HMSPFLXARSO									
14	HOWYFLXARSO		disolatives							
15	IMKLFLXARSO									
16	INVRFLXADSO									
17	IONAFLXARSO									
18	KNVLFLXARSO									
19	KSSHFLXADSO									
20	KSSMFLXBDS1 KSSMFLXDDSO									
01	LBLLFLXADSO									
22	LDLKFLXADSO									
27	LHACFLXADSO		TRANSFE BE							
25	LKBRFLXADS1		1.000							
26	LICHLFLXARSO									
27	LKPCFLXADSO									
28	LSBGFLXADS1									
27	MOISFLXADSO									
30	MRHNFLXARSO									
31	HTLDFLXADSO HTLDFLXADS1									
22	HTVRFLXARSO									
24	NFHYFLXADSO									
3456789012345678901234567890	NFHYFLXBDSO									
36	NNPLFLXADS1									
37	NPLSFLXCDSO	110								
38	HPLSFLXDDS0									
39	OCALFLXADSO									
40	OCALFLXBDS0									
41	OCALFLXCRS0									

CHSWFLXADSO

CONFIDENTIAL

			UNITED OPERATING COMPANIES							
	END OFFI	A	STATE: F EO_SWC MILES	L C HTPT	TOT HOU	FOCEXEC E I_ST HOU	MAME: STCU E TATE	STATE	CURRENT ST_REV	
CI	оксв	FLXADSO								
	OKTA	FLXADSO								
		FLXADSO								
	1000	FLXCDS1								
	-	FLXCRSO								
		FLXADSO			1.0					
		FLXADSO								
		FLXADSO FLXADSO								
		FLXARSO								
	THE RESERVE	FLXARSO								
		FLXA58A								
		FLXADSO								
	52000	FLXARSO								
		FLXADSO		V - 100						
	SVSP	FLXARSO								
	SVSS	FLXARSO								
	TLCH	FLXA58A								
	TVRS	FLXADSO								
	40000	FLXARSO								
		FLXADSO								
	11/1/15/5/15	FLXARSO								
		FLXARSO FLXARSO								
		FLXADSO								
	1000	FLXADS1								
		FLXARSO								
TAL	IXC	MCI								
:										
	7.75	FLXADSO								
		FLXARSO								
		FLXADS1								
		FLXARSO								
		FLXADSO								
		FLXARSO								
		FLXADSO								
		FLXADSO								
	-	IFLXADS0								
	A 100 CO 100 CO	FLXADS0								
9	BUI 6	EL VASTA	200							

	A.	STATE: F	' ر	D TOT	POCEXEC NAME: STO	STATE	CURRENT
IXC	OFFICE	MILES	нтрт	MOU	MOU	HOU	ST_REV
I MIC	CLHTFLXADSO				A Service Serv		
	CLTHFLXARSO						
23456789	CPCRFLXADSO						
4	CPCRFLXBDS1						
5	CPHZFLXADSO						
7	CRRVFLXADSO						
8	CSLBFLXADS1 CYLKFLXADS0						
9	CYLKFLXBRSO						
10	DDCYFLXADS1		Of St.				
10	ESTSFLXADSO						
12	EVRGFLXARSO						
13	FTMBFLXADSO						
14	FTMDFLXA28A						
15	FTHYFLXADSO						
134 15 167 889	FTMYFLXBDSO FTMYFLXCDS2						
18	GLGCFLXADSO						
19	GLRDFLXADSO						
20	GVLDFLXA42A						
21	HHSPFLXARSO						
22	HOWYFLXARSO						
23	IMKLFLXARSO						
34	INVRFLXADSO IONAFLXARSO						
26	KNVLFLXARSO						
27	KSSMFLXADSO						
28	KSSMFLXBDS1						
21	KSSMFLXDDS0						
30	LBLLFLXADS0						
31	LHACFLXADSO						
32	LKBRFLXADS1						
32	LICHLELXARSO						
35	LKPCFLXADSO)					
36	LSBGFLXADS1						
2333333333333333334444	MOISFLXADSO						
38	MEHNFLXARSO						
3/	MTLDFLXADS1						
41	HTVRFLXARSO						
42	NEMYFLXADSO)					
43	NEWYFLXBDS	0					
•							

ENC C OFF	, A	STATE: F EO_SWC MILES	L HTPT	D TOT HOU	I_STATE	STATE HOU	CURREI ST_REV
NPL NPL OCA	PLFLXADS1 LSFLXCDS0 LSFLXDDS0 ALFLXADS0						
OC/ OC/	ALFLXERSO ALFLXJRSO ALFLXJRSO AFFLXADSO CBFLXADSO						
OR:	LWFLXADSO CYFLXADSO CYFLXCDS1 CYFLXCRSO			10 22 24 4 1			
PNI PNI PT	GRFLXADSO ISFLXADSO CTFLXADSO NGFLXADSO						
SH SH SN	PKFLXARSO HLFLXARSO ANFLXASSA ISFLXADSO						
ST SV SV	PRFLXARSO CDFLXADSO SPFLXARSO SSFLXARSO						
TV	CHFLXAS8A PRSFLXADSO TLFLXARSO HLFLXADSO STFLXARSO						
VL 2 WN 3 WN	WDFLXARSO IDRFLXARSO IGRFLXADSO IPKFLXADSO						
4 WN 5 ZL TOTAL IX	SPFLXARSO						
SD AL AF CS	SPFLXADSO PKFLXADS1 SLBFLXADS1 RDFLXADSO						
K	SSMFLXADSO						

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HTVRFLXARSO OCALFLXADSO OCALFLXBDSO OCALFLXCRSO

DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94 INTRASTATE INTERLATA MODEL

			UNITED	OPERATING CO	OMPANIES		
IXC	END A	STATE: FL EO_SWC HILES	MTPT	TOT HOU	FOCEXEC NAME: STO	STATE MOU	CURRENT ST_REV
MSD	KSSMFLXB0S1						
2	KSSMFLXDDSO						
4	NTLDFLXADS1						
5	ORCYFLXADSO						
•	STCDFLXADSO						
7	WNDRFLXARSO						
m + m . a 7 109	WNGRFLXADSO WNPKFLXADS1						
	WINT FOR EACH OF 1						
10*TOTAL	IXC MSD						
// MSI	ALSPFLXADSO						
12	APPKFLXADS1						
13	ASTRFLXARSO						
14	BLWFLXADSO						
16	BSHNFLXADSO BVHLFLXADSO						
17	CHSWFLXADSO						
18	CLHTFLXADSO						
20	CRRVFLXADSO CSLBFLXADS1						
21	DDCYFLXADS1						
22	ESTSFLXADSO						
23	GLRDFLXADSO						
24	GVLDFLXA42A HHSPFLXARSO						
36	HOWYFLXARSO						
27	INVRFLXADSO						
28	KNVLFLXARSO KSSHFLXADSO						
30	KSSMFLXBDS1						
31	KSSMFLXDDSO						
234547890003456789000334567	LDLKFLXADSO						
33	LKBRFLXADS1 LKHLFLXARSO						
25	LSBGFLXADS1						
36	HTDRFLXADSO						
37	MTLDFLXADS1						

CPHZFLXADSO

CYLKFLXADSO CYLKFLXBRSO

DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94
INTRASTATE INTERLATA MODEL

			UNITED	OPERATING CO	MPANIES		
ıxc	A END OFFICE	STATE: F EO_SWC MILES	HTPT	TOT HOU	FOCEXEC NAME: S	STATE HOU	CURRENT ST_REV
123 th: 4789012345678	OCALFLXJRSO OCNFFLXADSO OKLYFLXADSO ORCYFLXCDS1 SNANFLXASSA SSPRFLXARSO SYSPFLXARSO SYSSFLXARSO TLCHFLXASSA TVRSFLXADSO UNTLFLXARSO VLSTFLXARSO VLSTFLXARSO VLSTFLXARSO VLUDFLXARSO WNDRFLXARSO WNDRFLXARSO UNPKFLXADSO						
19*TOTAL	IXC MSI						
20HTD 22234567890	ALSPFLXADSO ALVAFLXARSO APPKFLXADS1 ARCDFLXADSO ASTRFLXARSO AVPKFLXADSO BCGRFLXARSO						
79 90 1 2 3 4 5 6	BLYWFLXADSO BNSPFLXADSO BSHNFLXADSO BWLGFLXA37A CHSWFLXADSO CLMTFLXADSO CLTNFLXARSO CPCRFLXADSO CPCRFLXADSO						

			STORES THE TE	FOCEXEC NAME: ST	CUR	
END OFFICE	EO_SWC MILES	С нтрт	TOT HOU	I_STATE	STATE	CURRE ST_RE
DOCYFLXADS1 ESTSFLXADSO						
EVRGFLXARSO FTHBFLXADSO						
FTMDFLXA28A FTMYFLXADSO						
FTMYFLXB0S0 FTMYFLXCDS2						
GLGCFLXADSO						
GURDFLXADSO GVLDFLXA42A						
HMSPFLXARSO HOWYFLXARSO						
IMKLFLXARSO						
INVRFLXADSO IONAFLXARSO						
KNVLFLXARSO KSSMFLXADSO						
KSSMFLXB0S1						
KSSMFLXDDSO LBLLFLXADSO						
LHACFLXADSO						
LKBRFLXADS1						
LKHLFLXARSO LKPCFLXADSO						
LSBGFLXADS1 HOISFLXADS0						
HRHNFLXARSO	1 10 10					
MTDRFLXADSO MTLDFLXADS1		10.0				
NEMYFLXADSO						
NFHYFLXBDSC NNPLFLXADSC						
NPLSFLXCDS)					
OCALFLXADS						
OCALFLXBDS						
OCALFLXJRS	0					
OCNFFLXADS OKCBFLXADS						

120	A	STATE: F	· C	D	FOCEXEC NAME: ST	CUR	CURRENT
IXC	OFFICE	EO_SWC	MTPT	TOT	I_STATE NOU	MOU	ST_REV
_			-	-			
1 MTD	OKLWFLXADSO						
234567890	ORCYFLXADSO ORCYFLXCDS1						
4	ORCYFLXCRSO						
5	PNGRFLXADSO						
6	PHISFLYADSO	1					
7	PTCTFLXADSO						
8	SBNGFLXADSO						
9	SCPKFLXARSO	. 13					
10	SLHLFLXARSO SNANFLXASSA						
12	SNISFLXADSO						
13	SSPRFLXARSO						
14	STCDFLXADSO						
15	SYSPFLXARSO			N. Park			
16	SVSSFLXARSO						
17	TLCHFLXA58A						
18	TVRSFLXADSO						
19	UNTLFLXARSO						
20	WCHLFLXADSO WLSTFLXARSO						
21	WLWDFLXARSO						
23	UNDRFLXARSO						
34	WNGRFLXADSO						
245	WNPKFLXADS1			100			
26	ZLSPFLXARSO	Sales .					
27*TOT	AL IXC HTD						
28 HCQ	ALSPELXADSO)					
29	ALVAFLXARSO)					
30	APPKFLXADS1						
31	ASTRFLXARSO		100				
22	BLVWFLXADS	BOARD CONTRACTOR					
34	CLHTFLXADS						
35	CPCRFLXADS						
7333334567890	CPCRFLXBDS'						
37	CRRVFLXADS	0					
38	CSLBFLXADS						
37	CYLKFLXADS						
41	DOCYFLXADS						

SVSSFLXARSO TVRSFLXADSO **WLSTFLXARSO**

DEDICATED SWITCHED TRANSPORT HODEL REMOTE REVENUE REPORT 02/02/94 INTRASTATE INTERLATA HODEL

	UNITED	OPERATING COM	PANIES		
END A OFFICE	STATE: FL EG_SWC HILES HTPT	TOT HOU	FOCEXEC NAME: STO I_STATE MOU	STATE HOU	CURRENT ST_REV
ESTSFLXADS					
EVRGFLXAR!					
FTHYFLXADS					
FTMYFLXBDS					
FTMYFLXCD					
GLGCFLXADS					
GLRDFLXADS	10				
HOWYFLXAR					
IMKLELXAR					
INVRFLXAD					
IONAFLXAR					
KNVLFLXAR					
KSSMFLXAD:					
LDLKFLXAD					
LHACFLXAD					
LKBRFLXAD					
LIGHLFLXAR					
LSBGFLXAD					
MOISFLXAD					
MTLDFLXAD					
HTVRFLXAR	SO				
NEMYFLXAD	\$ 0				
NFMYFLXBD					
NNPLFLXAD					
NPLSFLXCD NPLSFLXDD					
OCALFLXAD					
OCALFLXBD					
ORCYFLXAD					
ORCYFLXCD					
ORCYFLXCE	SO .				
PHGRFLXAD					
PTCTFLXAD					
SCPKFLXAR					
SNISFLXAD					
SSPRFLXAR STCDFLXAR					
SILDFLIAD	au .				

DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94 INTRASTATE INTERLATA MODEL UNITED OPERATING COMPANIES

INC OFFICE MILES HTPT HOU HOU ST_REV

2	WMPKFLXADS1
3 *TOTAL	IXC NCQ
4 NFL	ALSPFLXADSO
5	ALVAFLXARSO
6	APPKFLXADS1
7	ARCDFLXADSO
67890123456789012345678901231	ASTRFLXARSO
9	AVPKFLXADSO
10	BCGRFLXARSO
11	BLYWFLXADSO
12	BNSPFLXADSO
13	BSHNFLXADSO
14	BVHLFLXADSO
15	BULGFLXA37A
16	CHSWFLXADSO
17	BWLGFLXA37A CHSWFLXADSO CLHTFLXADSO
18	CLTNFLXARSO
19	CPCRFLXADSO
20	CPCRFLXBD\$1
21	CPHZFLXADSO CRRVFLXADSO
22	CRRYFLXADSO
23	CSLBFLXADS1
24	CYLKFLXADSO
25	CYLKFLXBRS0
26	DDCYFLXADS1
27	ESTSFLXADSO
28	EVRGFLXARSO
29	FTHBFLXADSO
30	FTHDFLXA28A
3/	FTHYFLXADSO
32	FTHYFLXB0S0
32	FTHYFLXCDS2
37	GLGCFLXADSO
31	GLRDFLXADSO GVLDFLXA42A
37	HMSPFLXARSO
38	HOWYFLXARSO
29	INKLFLXARSO
40	INVRFLXADSO

IONAFLXARSO

CUNFIUENIIAL

IXC	END A	STATE: F B EO_SUC MILES	HTPT	TOT	I_ST/	AME: STC	STATE MOU	CURRENT ST_REV
/ NFL	IOWLFLXARSO							
3	KSSMFLXADSO							
NM4 56 7 88	KSSHFLXBDS1							
5	KSSMFLXDDSO LBLLFLXADSO							
6	LDLKFLXADSO							
7	LHACFLXADSO							
8	LKBRFLXADS1							
10	LICHLFLXARSO							
11	LKPCFLXADSO LSBGFLXADS1							
12	HOISFLXADSO							
13	MRHNFLXARSO							
14 15 16	MTDRFLXADSO							
15	MTLDFLXADS1							
16	MTVRFLXARSO							
18	NFHYFLXBDSO NFHYFLXBDSO							
17 18 19	NNPLFLXADS1							
20	NPLSFLXCDSO							
21	NPLSFLXDDSO							
22	OCALFLXADSO							
24	OCALFLXBDSO OCALFLXCRSO						·	
25	OCALFLXJRSO							
26	OCNFFLXADSO							
23456789012	OKCBFLXADSO							
28	OKLWFLXADSO ORCYFLXADSO							
30	ORCYFLXCDS1							
31	ORCYFLXCRSO							
32	PNGRFLXADSO							
334 35 36	PNISFLXADSO PTCTFLXADSO							
35	SBNGFLXADSO							
36	SCPKFLXARSO							
37	SLHLFLXARSO							
38	SNANFLXA58A							
39	SNISFLXADSO SSPRFLXARSO							
40	STCDFLXADSO							
42	SVSPFLXARSO							
43	SVSSFLXARSO							

IXC	END A OFFICE	STATE: I	PL C HTPT	D TOT HOU	FOCEXEC NAME: 5 1_STATE HOU	STATE HOU	CURRENT ST_REV
- NFL 7 345 6 7 909 10	TLCHFLXASSA TVRSFLXADSO UHTLFLXARSO UCHLFLXADSO ULSTFLXARSO ULVDFLXARSO UNDRFLXARSO						
09910	WNGRFLXADSO WNPKFLXADS1 ZLSPFLXARSO						
1/*TOTAL	IXC NFL						
12 NLD	OCALFLXADSO						
13 *TOTAL	IXC NLD						
14 REL	ALSPFLXADSO APPKFLXADS1 CSLBFLXADS1						
16 17 18	GLRDFLXADSO KSSMFLXADSO KSSMFLXBDS1						
20 21 22	LKBRFLXAD\$1 MTLDFLXAD\$1 ORCYFLXCD\$1		al P Sant S Sant			#	
23 24 25 26	ORCYFLXCRSO STCDFLXADSO UNGRFLXADSO UNPKFLXADSO						
27*TOTAL	IXC REL						
28 RTY 29 30 31 32 33	APPKFLXADS1 GLRDFLXADS0 KSSHFLXADS0 KSSHFLXBDS1 LKBRFLXADS1 WNPKFLXADS1						
34 *TOTAL	IXC RTY						
35 soy	BLVWFLXADSO						

	END A	EO_SWC	c	D	FOCEXEC NAME: STC	IR F STATE	CURRENT
IXC	OFFICE	HILES	MTPT	MOU	MOU	MOU	ST_REV
1 SDY	BVHLFLXADSO CLNTFLXADSO					- **	
234	CRRVFLXADSO						
5678910	DDCYFLXADS1 ESTSFLXADS0						
6	HMSPFLXARSO HOWYFLXARSO						
8	INVRFLXADSO						
9	LDLKFLXADSO LSBGFLXADS1				All and the second		
11	MTDRFLXADSO		10				
12	OCALFLXADSO OCALFLXBDSO						
14	OCALFLXCRSO OCALFLXJRSO						
14 15 16	SVSPFLXARSO						
17	SVSSFLXARSO TVRSFLXADSO						
19	UNTLFLXARSO						
20	WLSTFLXARSO WLWDFLXARSO						
22±TOTAL	IXC SDY						
3 SNH	ALSPFLXADSO						
15	ALVAFLXARSO APPKFLXADS1						
is	ARCDFLXADSO						
27	ASTRFLXARSO AVPKFLXADSO						
29	BCGRFLXARSO BLVWFLXADSO						
30	BNSPFLXADSO						
32	BSHNFLXADSO BVHLFLXADSO						
34 35	BWLGFLXA37A						
36	CHSWFLXADSO CLMTFLXADSO						
37	CLTNFLXARSO CPCRFLXADSO						
38 39	CPCRFLXBDS1						
40	CPHZFLXADSO						

A END OFFICE	STATE: I	PL C	TOT HOU	FOCEXEC NAME: STO	STATE MOU	CURREN' ST_REV
CSLBFLXADS1 CYLKFLXADS0						
CYLKFLXBRS0						
DDCYFLXADS1						
ESTSFLXADSO						
EVRGFLXARSO FTHBFLXADSO						
FTMDFLXA28A						
FTHYFLXADSO						
FTHYFLXB0S0						
FTMYFLXCDS2						
GLECFLXADSO						
GLRDFLXADSO						
GVLDFLXA42A HMSPFLXARSO						
HOUYFLXARSO						
IMKLFLXARSO	70 (5.44)					
INVRFLXADSO						
IONAFLXARSO						
KNVLFLXARSO						
KSSMFLXBDS1	7 6					
KSSMFLXDDSO						
LBLLFLXADSO			1,30.20			
LDLKFLXADSO						
LHACFLXADSO						
LICHLFLXARSO						
LKPCFLXADSO						
LSBGFLXADS1						
MOISFLXADSO						
NRHNFLXARSO NTDRFLXADSO						
MTLDFLXADS1						
MTVRFLXARSO						
NFHYFLXADSO						
NFMYFLXBDSO						
NNPLFLXADS1						
NPLSFLXCDS0						
NPLSFLXCDSO NPLSFLXDDSO						
NPLSFLXCDS0						

A	STATE: F	c	D	E	1-	CURRENT
		HTPT		MOU	MOU	ST_REV
OCALFLXJRSO						
PHERFLXADSO						
PHISFLXADSO						
PTCTFLXADSO						
SBNGFLXADSO						
Committee of the Committee of the late of						
The state of the s						
TLCHFLXA58A						
TVRSFLXADSO						
UNTLFLXARSO						
WCHLFLXADSO						
12 To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
The second secon						
L IXC SNH						
BNSPFLXADSO						
BVHLFLXADSO						
CLNTFLXADSO						
CLTHFLXARSO						
		100				
CPCRPLXB051						
	OCALFLXJRSO OCALFLXJRSO OCNFFLXADSO OKCBFLXADSO OKCBFLXADSO OKCYFLXCDS1 ORCYFLXCDS1 ORCYFLXCDS1 ORCYFLXCDS1 ORCYFLXCDS1 ORCYFLXADSO PNISFLXADSO PNISFLXADSO SENGFLXADSO SCPKFLXARSO SLHLFLXARSO SANFLXASSO STCDFLXADSO SYSFLXARSO TLCHFLXASSA TYRSFLXADSO UNTLFLXARSO UNTLFLXARSO UNTLFLXARSO UNTLFLXARSO UNDRFLXADSO UNDRFLXARSO UNDRFLXADSO	END EO_SWC OFFICE MILES OCALFLXJRSO OCNFFLXADSO OKCBFLXADSO OKCBFLXADSO OKCYFLXADSO OKCYFLXADSO ORCYFLXCDS1 ORCYFLXCRSO PHGRFLXADSO PHISFLXADSO PHISFLXADSO SHUFLXADSO SCPKFLXARSO SLHLFLXARSO SLHLFLXARSO SLHLFLXARSO SYSPELXARSO SYSPELXARSO TLCHFLXADSO SYSPELXARSO UNTLFLXADSO UNTLFLXADSO WHORFLXADSO WHORFLXADSO WHORFLXADSO WHORFLXADSO WHORFLXADSO WHORFLXADSO WHORFLXADSO UNDRFLXADSO SUSPELXARSO UNDRFLXADSO	OFFICE HILES HTPT OCALFLXJRSO OCKSFLXADSO OKCBFLXADSO OKCYFLXADSO OKCYFLXADSO ORCYFLXCOS1 ORCYFLXCOS1 ORCYFLXCOS1 ORCYFLXADSO PHISFLXADSO PHISFLXADSO PHISFLXADSO SUBMISFLXADSO SCPKFLXARSO SLHLFLXARSO SLHLFLXARSO SHAFLXADSO SYSFLXARSO SYSFLXARSO STCDFLXADSO SYSFLXARSO TLCHFLXADSO VSSFLXARSO UHTLFLXARSO VLLIFLXADSO CLIFLXADSO	END EO_SUC TOT OFFICE HILES HTPT MOU OCALFLXJRSO OCKPFLXADSO OKCYFLXADSO ORCYFLXADSO ORCYFLXCOS1 ORCYFLXCOS1 ORCYFLXADSO PNGRFLXADSO PNGRFLXADSO PNGRFLXADSO SBNGFLXADSO SSNGFLXARSO SLHLFLXARSO SLHLFLXARSO SSPRFLXARSO STCDFLXADSO SYSPFLXARSO TLCHFLXASSA TYRSFLXADSO UNTLFLXARSO UNTLFLXARSO UNDRFLXARSO UNDRFLXARSO UNDRFLXARSO UNDRFLXARSO UNDRFLXARSO UNDRFLXADSO	END EO_SUC TOT I_STATE OFFICE HILES HTPT HOU HOU OCALFLXJRSO OCNFFLXADSO OKCHFLXADSO OKCHFLXADSO ORCYFLXADSO ORCYFLXADSO ORCYFLXADSO ORCYFLXADSO PMISFLXADSO PMISFLXADSO SSMRFLXADSO SSMRFLXARSO SLHLFLXARSO SLHLFLXARSO SYSFLXARSO SYSFLXARSO SYSFLXARSO TLCHELXASA TYRFLXADSO URITFLXARSO URITFLXAR	END EO_SUC TOT I_STATE STATE OFFICE NILES NTPT NOU NOU NOU NOU CCALFLX/RSO OCKEFLXADSO OCKEFLXADSO OCKEFLXADSO OCKEFLXADSO OCKEFLXADSO OCKYFLXCS1 OCKYFLXCS0 PMISFLXADSO PMISFLXADSO SSNEFLXADSO SSNEFLXADSO SSNEFLXADSO SSNEFLXADSO SSNEFLXADSO SSNEFLXADSO SSPETIXADSO SYSFLXADSO SYSFLXADSO VICHFLXADSO ULSTFLXADSO ULSTFLXADSO ULSTFLXADSO UNTLFLXADSO UNTLFL

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	STATE: F			FOCEXEC NAME:	STCUR	_	-
END A	B EO_SUC	C	TOT	I_STATE		STATE	CURRENT
OFFICE	MILES	HTPT	HOU	MOU		HOU	ST_REV
CPHZFLXADSO					1 -1		
CRRVFLXADSO							
CYLKFLXADSO							
CYLKFLXBRSO			30000-00-				
DOCYFLXADS1							
ESTSFLXADSO							
EVRGFLXARSO							
FTMBFLXADSO							
FTHYFLXADSO							
FTHYFLXB0S0							
FTMYFLXCDS2							
GLGCFLXADSO							
GLRDFLXADSO							
HMSPFLXARSO							
HOWYFLXARSO INVRFLXADSO							
IONAFLXARSO							
KSSHFLXADSO							
KSSMFLXBDS1			100				
LBLLFLXADSO							
LDLKFLXADSO							
LHACFLXADSO							
LKBRFLXADS1							
LSBGFLXADS1							
MOISFLXADSO							
NEMYFLXADSO NEMYFLXADSO							
NFHYFLXBDSO							
NNPLFLXADS1							
NPLSFLXCDSO							
NPLSFLXDDSO							
OCALFLXADSO							
OCALFLXB0S0							
OCALFLXCRSO							
OCALFLXJRSO							
PNGRFLXADSO PTCTFLXADSO							
SCPKFLXARSO							
SNISFLXADSO	15 P. C.						
SSPRFLXARSO							
STCDFLXADSO							
SVSPFLXARSO	100 100						

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			UNITED	OPERATING CO	MLWIES		
IXC	A END OFFICE	STATE: F	е ИТРТ	D TOT	FOCEXEC NAME:	STATE MOU	CURRENT ST_REV
1 STE 2 5 4 5	SYSSFLXARSO TYRSFLXADSO UNTLFLXARSO WLSTFLXARSO WNPKFLXADS1		T. DIN				
6 *TOTAL	IXC STE						
7890123456789012345678901	BNSPFLXADSO CLTNFLXARSO CPCRFLXBDS1 CPHZFLXADSO CYLKFLXADSO CYLKFLXBRSO EVRGFLXARSO FTMFFLXADSO FTMYFLXADSO FTMYFLXADSO FTMYFLXADSO IMKLFLXARSO LHACFLXADSO MOISFLXADSO NFMYFLXADSO NFMYFLXADSO NFMYFLXADSO NFMYFLXADSO NPLFLXADSO NPLFLXADSO NPLFLXADSO NPLFLXADSO NPLFLXADSO						
30	PNGRFLXADSO PTCTFLXADSO SCPKFLXARSO						
\$2*TOTAL	IXC SUH						
33 svl 34 35 36 37 38 39	ALSPFLXADSO ALVAFLXARSO APPKFLXADS1 ASTRFLXARSO BLVWFLXADSO						
38	BNSPFLXADSO BVHLFLXADSO						

A END OFFICE	STATE: F EO_SUC MILES	L HTPT	D TOT NOU	FOCEXEC NAME: STO	STATE	CURRENT ST_REV
CLMTFLXADSO CPCRFLXADSO						
CPCRFLXBDS1 CPHZFLXADSO CRRVFLXADSO	1	i in				
CSLBFLXADS1 CYLKFLXADS0 CYLKFLXBRS0						
DOCYFLXADS1 ESTSFLXADSO						
EVRGFLXARSO FTMBFLXADSO FTMYFLXADSO						
FTMYFLXBDSO FTMYFLXCDS2						
GLGCFLXADSO GLRDFLXADSO HMSPFLXARSO						
HOWYFLXARSO INVEFLXARSO INVEFLXADSO						
IONAFLXARSO KNVLFLXARSO						(x
KSSMFLXADSO KSSMFLXBDS1 LBLLFLXADSO						
LHACFLXADSO LKBRFLXADSO						
LXHLFLXARSO LSBGFLXADS1						
MOISFLXADSO MRHNFLXARSO MTDRFLXADSO						
MTLDFLXADS1 MTVRFLXARSO NFMYFLXADSO						
NFMYFLXBDSO NNPLFLXADS1						
NPLSFLXCDSO NPLSFLXDDSO OCALFLXADSO						
OCALFLXBDSO						

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	A END OFFICE	STATE: F EO_SHC MILES	L C HTPT	TOT HOU	OCEXEC NAME: STO	STATE	CURRENT ST_REV
234567890112345678	OCALFLXCRSO OCALFLXJRSO ORCYFLXADSO ORCYFLXCRSO PNGRFLXADSO PTCTFLXADSO SCPKFLXARSO SNISFLXADSO SSPRFLXARSO SYSPFLXARSO SYSPFLXARSO TVRSFLXARSO UNTLFLXARSO WLSTFLXARSO WLSTFLXARSO WLSTFLXARSO WLSTFLXARSO WLSTFLXARSO WHIGRFLXARSO						
19 20*TOTAL	IXC SVL						
21 TAX 2234567890123456	ALSPFLXADSO APPKFLXADS1 CSLBFLXADS1 GLRDFLXADS0 KSSMFLXADS0 KSSMFLXADS1 HTLDFLXADS1 HTLDFLXADS1 HTVRFLXARS0 ORCYFLXADS0 ORCYFLXCDS1 ORCYFLXCRS0 UNDRFLXARS0 UNDRFLXARS0 UNDRFLXADS0						
37*TOTAL	IXC TAX						
38 TOX 39	ALSPFLXADSO ALVAFLXARSO						

P END OFFICE	STATE: F	MTPT	D TOT HOU	FOCEXEC NAME:	TATE 10U	CURRE ST_RE
APPKFLXADS1 ARCDFLXADSO						
ASTRFLXARSO						
AVPKFLXADSO	Mari					
BCGRFLXARSO BLVWFLXADSO						
BNSPFLXADSO			No. Company			
BSHNFLXADSO BVHLFLXADSO						
BULGFLXA37A						
CHSWFLXADSO						
CLTTFLXADSO CLTTFLXARSO			e and or			
CPCRFLXADSO						
CPCRFLXBDS1						
CPHZFLXADSO CRRVFLXADSO						
CSLBFLXADS1						
CYLKFLXADSO						
DDCYFLXADS1						
ESTSFLXADSO						
EVRGFLXARSO FTHBFLXADSO						
FTMDFLXA28A						
FTMYFLXADSO						
FTHYFLXCDS2						
GLGCFLXADSO						
GURDFLXA42A						
HMSPFLXARSO						
HOWYFLXARSO IMKLFLXARSO						
INVRFLXADSO						
IONAFLXARSO						
KSSHFLXADSO						
KSSMFLXBDS1						
KSSMFLXDDSO LBLLFLXADSO						
LDLKFLXADSO			K 1000			
LHACFLXADSO						

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IXC	END OFFICE	STATE: F EO_SWC MILES	MTPT	TOT HOU	FOCEXEC NAME: ST	STATE	CURRENT ST_REV
/ TOX	LKBRFLXADS1						
3	LKPCFLXADSO						
4	LSBGFLXADS1						
6	MOISFLXADSO			A Total			
9	MRHNFLXARSO						
7	NTDRFLXADSO NTLDFLXADS1						
9	MTVRFLXARSO						
io	NFHYFLXADSO	A Comment					
11	NFHYFLXBDSO						
12	NNPLFLXADS1						
13	NPLSFLXCDS0						
14	NPLSFLXDDSO						
15	OCALFLXADSO						
16	OCALFLXBDSO		100				
17	OCALFLXCRSO						
19	OCALFLXJRSO OCNFFLXADSO						
20	OKCBFLXADSO						
21	OKLWFLXADSO						
22	ORCYFLXADSO						
23	ORCYFLXCDS1						
24	ORCYFLXCRS0			2.34.4			
25	PNGRFLXADSO						
26	PNISFLXADSO		100				
27	PTCTFLXADSO						
29	SBNGFLXADSO SCPKFLXARSO						
30	SLHLFLXARSO						
31	SNANFLXA58A						
32	SNISFLXADSO						
33	SSPRFLXARSO						
34	STCDFLXADSO						
35	SVSPFLXARSO						
36 37	SVSSFLXARSO						
	TLCHFLXA58A TVRSFLXADSO						
38 39	UMTLFLXARSO						
40	WCHLFLXADSO						
41	ULSTFLXARSO						
42	WLWDFLXARSO						
43	WNDRFLXARSO						

CLHTFLXARSO CLTNFLXARSO CPCRFLXADSO CPCRFLXBDS1 CPHZFLXADSO

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			UNITED	OPERATING COM	PANIES		
IXC	END OFFICE	STATE: F	L C MTPT	D TOT	FOCEXEC NAME: ST	STATE HOU	CURRENT ST_REV
/ TOX 2	UNGRFLXADSO UNPKFLXADS1 ZLSPFLXARSO						
4 *TOTAL	IXC TOX						
567890112345678901	ALSPFLXADSO APPKFLXADS1 CSLBFLXADS1 GLRDFLXADS0 KNVLFLXARSO KSSMFLXADS0 KSSMFLXADS1 LKBRFLXADS1 LKBRFLXADS1 LKHLFLXARSO MTLDFLXADS1 MTVRFLXARSO ORCYFLXADS0 ORCYFLXCDS1 ORCYFLXCDS1 STCDFLXADS0 WNGRFLXADS0 WNFKFLXADS0						
22 *TOTAL 23 TEN 24 25 27 28 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	ALSPFLXADSO ALVAFLXARSO APPKFLXADSO ARCOFLXADSO ASTRFLXARSO BYFFLXADSO BCGRFLXARSO BLVVFLXADSO BNSPFLXADSO BSHNFLXADSO						
33	BVHLFLXADS()					

NPLSFLXCDSO NPLSFLXDDSO OCALFLXADSO OCALFLXBDSO OCALFLXCRSO

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STATE: FL BID BO BO BO BO BO BO BO BO BO B				UNIT	ED OPERATING C	OMPANIES			
2 CSURFLYADSO 4 CYLKFLYADSO 5 DDCYFLXADSO 5 DDCYFLXADSO 6 ESTSFLYADSO 7 EVRGFLYADSO 9 FTHYFLYADSO 9 FTHYFLYADSO 10 FTHYFLYADSO 11 FTHYFLYADSO 12 GLRCFLYADSO 13 GLRDFLYADSO 14 GYLDFLYADSO 15 HIMSPELYADSO 17 INKLFLYADSO 18 INVRFLYADSO 19 IOMAFLYADSO 20 KONVLFLYADSO 21 KSSHFLYADSO 22 KSSHFLYADSO 23 KSSHFLYADSO 24 LBLLFLYADSO 25 LDLKFLYADSO 26 LIMAGFLYADSO 27 LIGRFLYADSO 28 LIGRFLYADSO 29 LIGRFLYADSO 29 LIGRFLYADSO 20 KSSHFLYADSO 21 LIGRFLYADSO 21 LIGRFLYADSO 22 LIGRFLYADSO 23 HIMSPELYADSO 24 LIGRFLYADSO 25 LIGRFLYADSO 26 LIGRFLYADSO 27 LIGRFLYADSO 28 LIGRFLYADSO 39 HTDFLYADSO 31 HTDFLYADSO 31 HTDFLYADSO 32 HTDFLYADSO 33 HTDFLYADSO 33 HTDFLYADSO 34 HTDFLYADSO 35 HTVFFLYADSO	IXC .	END	EO_SUC	<u>_</u>	TOT	I_STATE	: STCUR	STATE	CURRENT
3 CYLEFLXADSO 4 CYLEFLXADSO 5 DDCYFLXADSO 5 DDCYFLXADSO 6 ESTSFLXADSO 7 EVRGFLXADSO 9 FTHYFLXADSO 9 FTHYFLXADSO 10 FTHYFLXADSO 11 FTHYFLXADSO 12 GLGCFLXADSO 13 GLRDFLXADSO 14 GYLDFLXADSO 14 GYLDFLXADSO 15 INVEFLXADSO 16 INVEFLXADSO 17 INKLFLXADSO 18 INVEFLXADSO 19 IONAFLXADSO 20 KOVLFLXADSO 21 KSSHFLXDSO 22 KSSHFLXDSO 23 KSSHFLXDSO 24 LBLLFLXADSO 25 LDLKFLXADSO 26 LIMACFLXADSO 27 LIGERFLXADSO 28 LICHCLXADSO 29 LICHCLXADSO 30 LSBGFLXADSO 31 MOISFLXADSO 32 HRONFLXADSO 33 HRONFLXADSO 33 HTORFLXADSO 34 HTORFLXADSO 35 HTORFLXADSO 36 HTORFLXADSO 37 HTORFLXADSO 36 HTORFLXADSO 37 HTORFLXADSO 36 HTORFLXADSO 37 HTORFLXADSO 36 HTORFLXADSO 36 HTORFLXADSO 37 HTORFLXADSO 36 HTORFLXADSO 37 HTORFLXADSO	/ TEN	CRRVFLXADSO							
II FTMYFLXCDS2 I2 GLGCFLXADSO I3 GLRDFLXADSO I4 GVLDFLXA42A I5 MMSPFLXARSO I6 MOMYFLXARSO I7 INKLFLXARSO I8 INVRFLXADSO I9 IONAFLXARSO 20 KMVLFLXADSO 21 KSSMFLXADSO 22 KSSMFLXADSO 22 KSSMFLXADSO 23 KSSMFLXADSO 24 LBLLFLXADSO 25 LDLKFLXADSO 26 LHACFLXADSO 27 LYBRFLXADSO 28 LIGHLFLXARSO 30 LSGGFLXADSI 31 MOISFLXADSO 32 MRNNFLXARSO 33 MTDRFLXADSO 33 MTDRFLXADSO 33 MTDRFLXADSO 34 MTDRFLXADSO 35 MTDRFLXADSO 36 MTDRFLXADSO 37 MTDRFLXADSO	2	CSLBFLXADS1							
FTMYFLXCDS2 12 GLGCFLXADSO 13 GLRDFLXADSO 14 GVLDFLXA4ZA 15 HMSPFLXARSO 16 HMSPFLXARSO 17 INKLFLXARSO 18 INVRFLXADSO 19 IONAFLXARSO 20 KMVLFLXADSO 21 KSSMFLXADSO 22 KSSMFLXADSO 23 KSSMFLXADSO 24 LBLLFLXADSO 25 LDLKFLXADSO 26 LHACFLXADSO 27 LKSRFLXADSO 27 LKSRFLXADSO 28 LIGHLFLXARSO 29 LIGHLFLXARSO 29 LIGHLFLXARSO 20 LSGFLXADSO 31 HMSPLXADSO 32 HMSMFLXARSO 33 HMSMFLXARSO 34 HMLDFLXARSO 35 HTORFLXADSO 36 HMVFLXARSO 37	3								
FTMYFLXCDS2 12 GLGCFLXADSO 13 GLRDFLXADSO 14 GVLDFLXA42A 15 HMSPFLXARSO 16 HMSPFLXARSO 17 INKLFLXARSO 18 INVRFLXADSO 19 IONAFLXARSO 20 KMVLFLXADSO 21 KSSMFLXADSO 22 KSSMFLXADSO 23 KSSMFLXADSO 24 LBLLFLXADSO 25 LDLKFLXADSO 26 LHACFLXADSO 27 LKSRFLXADSO 27 LKSRFLXADSO 28 LIGHFLXADSO 29 LKSRFLXADSO 30 LSGFLXADSO 31 MOISFLXADSO 32 MRHNFLXARSO 33 MTLDFLXADSO 33 MTLDFLXADSO 34 MTLDFLXADSO 35 MTDRFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 37 MTLDF	4								
FTMYFLXCDS2 12 GLGCFLXADSO 13 GLRDFLXADSO 14 GVLDFLXA4ZA 15 HMSPFLXARSO 16 HMSPFLXARSO 17 INKLFLXARSO 18 INVRFLXADSO 19 IONAFLXARSO 20 KMVLFLXADSO 21 KSSMFLXADSO 22 KSSMFLXADSO 23 KSSMFLXADSO 24 LBLLFLXADSO 25 LDLKFLXADSO 26 LHACFLXADSO 27 LKSRFLXADSO 27 LKSRFLXADSO 28 LIGHLFLXARSO 29 LIGHLFLXARSO 29 LIGHLFLXARSO 20 LSGFLXADSO 31 HMSPLXADSO 32 HMSMFLXARSO 33 HMSMFLXARSO 34 HMLDFLXARSO 35 HTORFLXADSO 36 HMVFLXARSO 37	5								
FTMYFLXCDS2 12 GLGCFLXADSO 13 GLRDFLXADSO 14 GVLDFLXA42A 15 HMSPFLXARSO 16 HMSPFLXARSO 17 INKLFLXARSO 18 INVRFLXADSO 19 IONAFLXARSO 20 KMVLFLXADSO 21 KSSMFLXADSO 22 KSSMFLXADSO 23 KSSMFLXADSO 24 LBLLFLXADSO 25 LDLKFLXADSO 26 LHACFLXADSO 27 LKSRFLXADSO 27 LKSRFLXADSO 28 LIGHFLXADSO 29 LKSRFLXADSO 30 LSGFLXADSO 31 MOISFLXADSO 32 MRHNFLXARSO 33 MTLDFLXADSO 33 MTLDFLXADSO 34 MTLDFLXADSO 35 MTDRFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 36 MTVRFLXADSO 37 MTLDFLXADSO 37 MTLDF	6	ESTSFLXADSO							
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30 LSBGFLXADST 3/ MOISFLXADSO 32 MRHNFLXARSO 33 HTDRFLXADSO 34 HTLDFLXADST 35 HTVRFLXARSO 36 NFHYFLXADSO 37 MENUSI YRDSO	29								
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35 MTVRFLXARSO 36 NFMYFLXADSO 37 NEMYS YRDSO	24								
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15 16 17 18 19	STCDFLXADSO SYSPFLXARSO SYSSFLXARSO TLCHFLXAS&A						
20	TVRSFLXADSO UMTLFLXARSO WCHLFLXADSO WLSTFLXARSO						
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27 *TOTAL	IXC TEN						
28 TET 29 30 31	ALSPFLXADSO ALVAFLXARSO APPKFLXADSO ARCDFLXADSO						
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CLTNFLXARSO CPCRFLXADSO					
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CRRVFLXADSO					
CYLKFLXADSO					
CYLKFLXBRSO					
DDCYFLXADS1 ESTSFLXADS0					
EVRGFLXARSO					
FTMBFLXADSO					
FTHDFLXA28A FTHYFLXADSO					
FTHYFLXBDSO					
FTMYFLXCDS2					
GLGCFLXADSO GLRDFLXADSO					
GVLDFLXA42A					
HMSPFLXARSO HOWYFLXARSO					
INKLELXARSO					
INVRFLXADSO IONAFLXARSO					
KNVLFLXARSO					
KSSMFLXADSO					
KSSMFLXBDS1 KSSMFLXDDS0					
LBLLFLXADSO					
LDLKFLXADSO LHACFLXADSO					
LKBRFLXADS1					
LKHLFLXARSO					
LKPCFLXADSO LSBGFLXADS1					
MOISFLXADSO					
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I TET	NPLSFLXCDSO						
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3	OCALFLXADSO						
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5	OCALFLXCRSO						
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7	OCNFFLXADSO						
8	OKCBFLXADSO						
9	OKLWFLXADSO						
10	ORCYFLXADSO						
11	ORCYFLXCDS1						
12	ORCYFLXCRS0						
13	PHGRFLXADSO						
14	PNISFLXADSO						
15	PTCTFLXADSO						
16	SBNGFLXADSO						
17	SCPKFLXARSO						
18	SLHLFLXARSO SNANFLXA58A						
	SNISFLXADSO						
20	SSPRFLXARSO						
21	STCDFLXADSO						
22	SVSPFLXARSO						
23	SVSSFLXARSO						
25	TLCHFLXA58A			- 1000			
26	TVRSFLXADSO						
27	UNTLFLXARSO						
28	WCHLFLXADSO						
29	WLSTFLXARSO						
30	WLWDFLXARSO						
39 30 31	UNDRFLXARSO						
32	UNGRFLXADSO						
33	WNPKFLXADS1						
34	ZLSPFLXARSO						
35*TOTA	L IXC TET						
C TFB	ALSPFLXADS0						
37	ALVAFLXARSO						
58	APPKFLXADS1						
59	ASTRFLXARSO						
10	BCGRFLXARSO						
7.1	BLVWFLXADSO						

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BNSPFLXADSO							
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CPCRFLXADSO							
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CPHZFLXADSO							
CRRVFLXADSO							
CSLBFLXADS1							
CYLKFLXADSO							
CYLKFLXBRSO							
DOCYFLXADS1							
ESTSFLXADSO							
FTMBFLXADSO							
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- 1	FHYFLXADSO						
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	PLSFLXCDSO						
	NPLSFLXDDSO	1					
	CALFLXADSO						
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TGR	BWHLFLXADSO						
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Ŧ	CLHTFLXADSO						
5	CLTNFLXARSO						
•	CPCRFLXADSO						
?	CPCRFLXBDS1						
5	CPHZFLXADSO						
3	CPHZFLXA69E CRRVFLXADSO						
1	CYLKFLXADSO		att and the	100			
2	CYLKFLXBRS0						
13	DDCYFLXADS1						
14	ESTSFLXADSO						
5	EVRGFLXARSO						
16	FTMBFLXADSO						
17	FTMDFLXA28A						
19	FTHYFLXADSO FTHYFLXBDSO						
20	FTMYFLXCDS2						
21	GLGCFLXADS0						
22	GVLDFLXA42A	146					
23	HMSPFLXARSO						
24	HOWYFLXARS0						
25	INKLFLXARSO INVRFLXADSO						
35	IONAFLXARSO						
28	LBLLFLXADSO						
29	LDLKFLXADSC						
30	LHACFLXADSO						
31	LSBGFLXADS1						
32	HOISFLXADS						
34	MRHNFLXARSO						
35	MTDRFLXADS						
36	NEMYFLXADS						
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38	NNPLFLXADS						
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41	OCALFLXADS		420				
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1 TER	OCALFLXJRSO								
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15	SVSSFLXARSO								
10	TLCHFLXA58A								
18	TVRSFLXADSO								
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21	WLWDFLXARSO								
22	ZLSPFLXARSO								
23 *TOTAL	IXC TGR								
24 TIO	ALSPFLXADSO								
25	APPKFLXADS1								
26	CSLBFLXADS1								
25 26 27	GLRDFLXADSO								
28	KNVLFLXARSO								
29	KSSMFLXADSO KSSMFLXBDS1								
31	KSSMFLXDDSO								
32	LKBRFLXADS1								
33	LIGHLFLXARSO			4					
34	MTLDFLXADS1								
334	MTVRFLXARSO								
36	ORCYFLXADSO ORCYFLXCDS1								
37	ORCYFLXCRSO								
39	STCDFLXADSO								
40	WNDRFLXARSO								
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/ TIO	UNPKFLXADS1				
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3 TRI	ASTRFLXARSO				
4	BLVWFLXADSO				
5	CLHTFLXADSO				
6	CPCRFLXADSO				
?	CPCRFLXB0S1				
8	CPHZFLXADSO				
7	CYLKFLXADSO				
	CYLKFLXBRS0				
17	ESTSFLXADSO				
12	FTMYFLXADSO				
12	FTMYFLXCDS2				
14	GLGCFLXADSO				
15	GVLDFLXA42A				
16	HOWYFLXARSO				
17	IONAFLXARSO KSSMFLXADSO				
10	LDLKFLXADSO				
20	LSBGFLXADS1				
21	MOISFLXADSO				
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22	HTLDFLXADS1				
24	NFMYFLXADSO				
25	NNPLFLXADS1				
26	NPLSFLXCDSO				
27	NPLSFLXDDSO				
28	OCALFLXADSO				
29	OCALFLXB0S0				
30	OCALFLXCRSO				
31	OCALFLXJRSO				
32	OCNFFLXADSO				
33	OKLWFLXADSO				
34	ORCYFLXADSO				
35	ORCYFLXCDS1				
36	ORCYFLXCRSO				
37	PHGRFLXADSO				
38	PTCTFLXADSO				
39	SCPKFLXARSO SSPRFLXARSO				
40	SSPRILTARSO				

SVSPFLXARSO

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FTHYFLXBDSO FTHYFLXCDS2 GLGCFLXADSO GLRDFLXADSO

HOWYFLXARSO INKLFLXARSO

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CURRENT ST_REV

	UNITED OPERATING COMPANIES									
IXC	A END OFFICE	STATE: F B EO_SWC MILES	L C	D TOT HOU	FOCEXEC NAME: STCUR	STATE				
1 TRI 2 3 4	SYSSFLXARSO TYRSFLXADSO UNTLFLXARSO UNPKFLXADS1		11							
5 *TOTAL	IXC TRI									
678901234567890123	ALSPFLXADSO ALVAFLXARSO APPKFLXADSO ASTRFLXARSO ASTRFLXARSO BUSFLXADSO BUSFLXADSO BINSPFLXADSO BINSPFLXADSO BUHLFLXADSO CLITFLXADSO CLITFLXADSO CLITFLXADSO CLTFLXADSO CPCRFLXADSO CPCRFLXADSO CPCRFLXADSO CPCRFLXADSO CPCRFLXADSO CPCRFLXADSO									
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CURRENT ST_REV

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13 LSBGFLXADS1 14 MOISFLXADS0 15 MRHNFLXARS0 16 MTDRFLXADS0 17 MTLDFLXADS1 18 MTVRFLXARS0 19 NFHYFLXADS0 20 NFHYFLXADS0 21 NNPLFLXADS1	
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A Ar Lar Lando	
23 NPLSFLXCDSO	
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a.S. OCALFLXADSO	
26 OCALFLXBDSO 27 OCALFLXCRSO	
27 OCALFLXCRSO 28 OCALFLXJRSO	
29 OCNFFLXADSO	
30 OKCBFLXADSO	
3) OKLWFLXADSO	
3.2 ORCYFLXADSO	
33 ORCYFLXCDS1	
34 ORCYFLXCRSO	
35 PNGRFLXADSO	
30 OKCBFLXADSO 31 OKLWFLXADSO 32 ORCYFLXADSO 33 ORCYFLXCDS1 34 ORCYFLXCRSO 35 PNGRFLXADSO 36 PNISFLXADSO	

CSLBFLXADS1 CYLKFLXADS0 CYLKFLXBRS0 EVRGFLXARS0 FTMBFLXADS0

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DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94
INTRASTATE INTERLATA MODEL

			UNIT	ED OPERATING C	COMPANIES		
Exc	END OFFICE	STATE: F EO_SWC MILES	L KTPT	TOT	FOCEXEC NAME:	TATE OU	CURRENT ST_REV
175F	STCDFLXADSO						
3	SVSPFLXARSO						
4	SVSSFLXARSO TLCHFLXAS8A						
5	TVRSFLXADSO	1000					
6	UNTLFLXARSO						
7	WCHLFLXADSO						
8	WLSTFLXARSO						
9	WLWDFLXARSO						
10	UNDRFLXARSO						
11	UNGRELXADSO						
12	UNPKFLXADS1						
13	ZLSPFLXARSO						
14*TOTAL	IXC TSF						
15 TZT	ALSPFLXADSO						
16	APPKFLXADS1						
17	CSLBFLXADS1						
18	GLRDFLXADSO						
19	KSSMFLXADSO						
20	KSSMFLXBDS1						
201234	LKBRFLXADS1						
22	ORCYFLXADSO						
23	UNGRFLXADSO						
	UNPKFLXADS1						
25 TOTAL	IXC TZT						
26 TZX 27	ALSPFLXADSO						
27	ALVAFLXARSO						
0890/234 334	APPKFLXADS1						
29	BCGRFLXARSO						
30	BNSPFLXADSO						
31	CLTNFLXARSO						
32	CPCRFLXADSO			Maria Mila			
33	CPCRFLXB0S1						
34	CPHZFLXADSO		We to the				

	A	STATE: F	'C	D	FOCEXEC NAME	F	curi
KC .	OFFICE	MILES	HTPT	MOU	HOU	 NOU	ST_F
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	FTHYFLXADSO						
	FTMYFLXB0S0						
	FTHYFLXCDS2						
	GLGCFLXADSO						
	GLRDFLXADSO IMKLFLXARSO						
	IONAFLXARSO						
	KNYLFLXARSO						
	KSSMFLXADSO		0.000				
	KSSMFLXBDS1						
	KSSMFLXDDSO						
	LBLLFLXADSO						
	LHACFLXADSO						
	LIGHT LIGHT						
	LICHLELXARSO						
	HOISFLXADSO						
	HRHNFLXARSO						
	MTLDFLXADS1						
	HTVRFLXARSO						
	NFMYFLXADSO						
	NEHYFLXBDSO						
	NNPLFLXADS1						
	NPLSFLXCDS0						
	NPLSFLXDDS0						
	ORCYFLXADSO						
	ORCYFLXCDS1						
	ORCYFLXCRS0						
	PNGRFLXADSO						
	PHISFLXADSO						
	SCPKFLXARSO						
	SNISFLXADSO						
	STCDFLXADSO						
	WNDRFLXARSO						
	WNGRFLXADSO						
	WNPKFLXADS1				-2-		
kTOTA	L IXC TZX						
ULG	ALSPFLXADS0						
	ALVAFLXARSO			19 1 1			
	APPKFLXADS1						
	ARCDFLXADSO						

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ASTRFLXARSO	-					
AVPKFLXADSO						
BCGRFLXARSO BLVWFLXADSO						
BNSPFLXADSO						
BSHNFLXADSO						
BVHLFLXADSO						
BULGFLXA37A						
CHSWFLXADSO						
CLHTFLXA0S0						
CLTNFLXARSO						
CPCRFLXADSO						
CPCRFLXBDS1						
CPHZFLXADSO						
CRRVFLXADSO						
CSLBFLXADS1 CYLKFLXADS0						
CYLKFLXBRS0						
DOCYFLXADS1						
ESTSFLXADSO						
EVRGFLXARSO						
FTHBFLXADSO						
FTHDFLXA28A						
FTHYFLXADSO						
FTHYFLXBDS0						
FTMYFLXCDS2						
GLGCFLXADSO GLRDFLXADSO						
GVLDFLXA42A						
HMSPFLXARSO					-	
HOWYFLXARSO						
IMKLELXARSO						
INVRFLXADSO						
IONAFLXARSO						
KNVLFLXARSO KSSHFLXADSO						
KSSMFLXADSI KSSMFLXBDS1						
KSSMFLXDDSC						
LBLLFLXADS						
LDLKFLXADS)					
LHACFLXADS)					
LKBRFLXADS"						
LICHLFLXARS)					

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IXC	END OFFICE	STATE: F EO_SWC MILES	L MTPT	D TOT HOU	FOCEXEC NAME:	STCUR	STATE HOU	CURRENT ST_REV
/ ULG 2 3	LKPCFLXADSO LSBGFLXADS1 HOISFLXADSO			. pas	7/10			
34567	MRHNFLXARSO MTDRFLXADSO MTLDFLXADS1 MTVRFLXARSO							
7 8 9 10	NFHYFLXADSO NFHYFLXBDSO NNPLFLXADS1 NPLSFLXCDSO							
13 14	NPLSFLXDDSO OCALFLXADSO OCALFLXBDSO							, 19
15 17 18	OCALFLXJRSO OCALFLXJRSO OCNFFLXADSO OKCBFLXADSO							
19 2012	OKLWFLXADSO ORCYFLXCDS1 ORCYFLXCDS1							
23	PNGRFLXADSO PNISFLXADSO PTCTFLXADSO SBNGFLXADSO			100 A-				
27 29	SCPKFLXARSO SLHLFLXARSO SNANFLXA58A SNISFLXADSO							
30 31 32 33	SSPRFLXARSO STCDFLXADSO SVSPFLXARSO)						
34 35 36	TLCHFLXA58/ TVRSFLXADSC UNTLFLXARSC	}						
37 389 412	WCHLFLXADSO WLSTFLXARSO WLWDFLXARSO WNDRFLXARSO	9						
42	UNGRFLXADS	0						

2 STOTAL IXC ULG

GLRDFLXADSO

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DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94
INTRASTATE INTERLATA MODEL
UNITED OPERATING COMPANIES

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I ULG	ZLSPFLXARSO						

4	HTLDFLXADS1
5	ORCYFLXCRS0
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7 итс	ALSPFLXADSO
8	ALVAFLXARSO
8	APPKFLXADS1
10	ARCDFLXADSO
"	ASTRFLXARSO
2	AVPKFLXADSO
13	BCGRFLXARSO
14	BLYWFLXADSO
15	BNSPFLXADSO
16	BSHNFLXADSO
17	BVHLFLXADSO
18	BWLGFLXA37A
19	CHSWFLXADSO
20	CLMTFLXADSO
21	CLTNFLXARSO
22	CPCRFLXADSO
23	CPCRFLXBDS1
24	CPHZFLXADSO
25	CRRVFLXADSO
26	CSLBFLXADS1
27	CYLKFLXADSO
2299	CYLKFLXBRS0
29	DDCYFLXADS1
30	ESTSFLXADSO
31	EVRGFLXARSO
32	FTHBFLXADSO
33	FTHDFLXA28A
34	FTHYFLXADSO
35	FTMYFLXBDSO

FTHYFLXCDS2 GLGCFLXADSO GLRDFLXADSO GVLDFLXA42A

END XC OFFICE	EO_SWC	C TPT	D TOT HOU	POCEXEC NAME: STO	STATE HOU	CURRENT ST_REV
TC HHSPFLXA	RSO					
HOWYFLXA						
INVRFLXA		A Charles				
IONAFLXA	The Parliance States in the control of the					
KNVLFLXA						
KSSMFLXA						
KSSMFLXB						
LBLLFLXA						
LDLKFLXA						
LHACFLXA						
LKBRFLXA						
LICHLFLXA						
LSBGFLXA	Section 19 and the second section 19 and 19					
HOISFLXA	하면 하나 그 아니는 그 아니는 것이 없는데 없는데 없다.					
MRHNFLXA						
MTDRFLXA	DSO					
MTLDFLXA						
MTVRFLXA	77.75.7 No. 10.00					
NFMYFLXA	To the second of the last of the second of					
NNPLFLXA						
NPLSFLXC						
NPLSFLXD						
OCALFLXA	STATE CONTRACTOR OF THE PARTY O					
OCALFLX						
OCALFLXJ						
OCNFFLXA						
OKCBFLXA						
OKLWFLXA						
ORCYFLX						
ORCYFLX						
PNGRFLXJ						
PNISFLX						
SBNGFLX	TO THE RESERVE TO SERVE TO SER					
SCPKFLX						
SLHLFLX						
SNANFLX	A58A					

DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94 INTRASTATE INTERLATA MODEL

				PERATING COMP			
IXC	A END OFFICE	STATE: F B EO_SWC MILES	L C HTPT	O TOT MOU	I_STATE	STATE HOU	CURRENT ST_REV
UTC	SHISFLXADSO						
123+56789012345	SSPRFLXARSO						
1	STCDFLXADS0			100			
Į.	SVSPFLXARSO						
	SVSSFLXARSO TLCHFLXAS8A						
7	TVRSFLXADSO						
8	UNTLELXARSO						
9	WCHLFLXADSO						
0	WLSTFLXARSO						
1	WLWDFLXARSO						
2	WNDRFLXARSO						
13	WNGRFLXADSO						
14	WNPKFLXADS1						
15	ZLSPFLXARSO						
1 L*TOTAL	IXC UTC						
7 VRT	ALSPFLXADSO						
18	ALVAFLXARSO						
	APPKFLXADS1						
20	BNSPFLXADSO						
21	BVHLFLXADSO						
22	CLTNFLXARSO						
24	CPCRFLXADSO						
25	CPCRFLXBDS1						
26	CPHZFLXADSO						
27	CRRVFLXADS0	19. O. O.					
28	CSLBFLXADS1						
24	CYLKFLXADS0						
30	CYLKFLXBRS0						
31	DDCYFLXADS1						
32	ESTSFLXADS0						
33	FTMBFLXADSO						
37	FTMYFLXADSO						
36	FTHYFLXBDSO						
.37	FTMYFLXCDSZ						
38	GLGCFLXADSO)			0 1 1743		
39	GLRDFLXADSO						
123456784012345678901	INKLELXARSO						
41	INVRFLXADS						

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IXC	A END OFFICE	STATE: F	C	TOT.	FOCEXEC MAME: S'	STATE HOU	CURRENT ST_REV
1 23 4 5 6 7 8 9 10	IONAFLXARSO KNIVLFLXARSO KSSMFLXADSO KSSMFLXBDS1						
6	LBLLFLXADSO						
6	LDLKFLXADSO						
7	LHACFLXADSO						
8	LKBRFLXADS1						
9	LICHLFLXARSO						
10	LSBGFLXADS1						
11	MOISFLXADSO						
12	MRHNFLXARSO						
13	HTDRFLXADSO						
145167189	HTLDFLXADS1						
15	NTVRFLXARSO NFNYFLXADSO						
19	NFMYFLXEDSO						
18	NNPLFLXADS1						
19	NPLSFLXCDSO						
20	NPLSFLXDDSO						
22234444789901234	OCALFLXADSO						
22	ORCYFLXADSO						
23	ORCYFLXCDS1						
24	ORCYFLXCRSO						
25	PHGRFLXADSO			THE SHAPE SHAPE			
26	PTCTFLXADSO SCPKFLXARSO						
27	SCPRFLXARSO						
28	STCDFLXADSO						
29	SVSPFLXARSO						
30	SVSSFLXARSO						
32	WLSTFLXARSO						
33	UNGRFLXADSO						
34	UNPKFLXADS1						
35 *TOTAL	IXC VRT						
36 VUT	ALSPFLXADS0	1					
37	KSSMFLXADSO	100					
38	KSSMFLXBDS1						
39	WNPKFLXADS1						
4 D*TOTAL	TYC WIT						
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X				UNITED	OPERATI	NS COMP	WIES		
	IXC	END OFFICE	STATE: F B EO_SWC HILES	MTPT	T	OT OU	I_STATE	STATE HOU	CURRENT ST_REV
1	WIN	ALSPFLXADSO							
2		APPKFLXADS1		No.					
34567890		CSLBFLXADS1							
4		GLRDFLXADSO							
2		KNVLFLXARSO							
7		KSSMFLXADSO							
		KSSMFLXBDS1 KSSMFLXDDS0							
a		LKBRFLXADS1							
10		LICHLELXARSO							
11		MTLDFLXADS1							
12		HTVRFLXARSO							
13		ORCYFLXADSO							
14		ORCYFLXCDS1							
15		ORCYFLXCRS0							
16		STCDFLXADSO							
17		UNDRFLXARSO							
18		UNGRELXADSO							
,,		WNPKFLXADS1							
20	*TOTAL	IXC WIN							
21	WTL	ALSPFLXADSO ALVAFLXARSO							
22		APPKFLXADS1							
334567		ARCDFLXADSO							
25		ASTRFLXARSO							
26		AVPKFLXADSO							
27		BCGRFLXARSO							
28		BLVWFLXADS0							
29		BNSPFLXADSO BSHNFLXADSO							
30		BYHLFLXADSO							
32		BULGFLXA37A							
33		CHSWFLXADSO							
34		CLHTFLXADS0							
35		CLTNFLXARSO							
34		CPCRFLXADSO							
3333344		CPCRFLXBDS1							
20		CRRVFLXADSO CRRVFLXADSO							
40		CSLBFLXADS1							
41		CYLKFLXADSO							
,,									

	STATE: F	L		FOCEXEC NAME: STCU		
1	B	C	D	E 1_STATE	F	G
END	EO_SWC		TOT	I_STATE	STATE	CURREN
OFFICE	MILES	MTPT	MOU	HOU	MOU	ST_REV
			-			
CYLKFLXBRS0						
DOCYFLXADS1						
ESTSFLXADSO						
EVRGFLXARSO		April 1				
FTMBFLXADSO						
FTMDFLXA28A						
FTHYFLXADSO						
FTMYFLXEDSO FTMYFLXCDS2						
SLGCFLXADSO						
GLRDFLXADSO						
GVLDFLXA42A						
HMSPFLXARSO						
HOWYFLXARSO						
INCLFLXARSO						
INVRFLXADSO						
IONAFLXARSO						
KNVLFLXARSO						
KSSMFLXADSO						
KSSMFLXB0S1						
KSSMFLXDDSO						
LBLLFLXADSO						
LDLKFLXADSO						
LHACFLXADSO						
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LICERFLXADS1	127					
LICHLFLXARSO						
LICHLFLXARSO LICHLFLXARSO LICPCFLXADSO						
LICERFLXADS1 LICHLFLXARSO LICEFLXADSO LSBGFLXADS1						
LXBRFLXADS1 LXHLFLXARSO LXPCFLXADS0 LSBGFLXADS1 MOISFLXADS0						
LXBRFLXADS1 LXHLFLXARSO LXPCFLXADSO LSBGFLXADS1 MOISFLXADSO MRHHFLXARSO						
LKBRFLXADS1 LKHLFLXARSO LKPCFLXADSO LSBGFLXADS1 MOISFLXADSO MRHNFLXARSO HTDRFLXADSO						
LICERFLXADS1 LICHLFLXARSO LICHLFLXADSO LICERFLXADS1 MOISFLXADSO MITORFLXADSO MITORFLXADSO MITORFLXADS1						
LICERFLXADS1 LICHLFLXARSO LICHLFLXADS0 LICHLFLXADS1 MOISFLXADS0 MINNFLXARSO MIDRFLXADS0 MILDFLXADS1 MIVRFLXARSO						
LICERFLXADS1 LICHLFLXARSO LICHLFLXADS0 LICHLFLXADS0 MRHNFLXARSO MTDRFLXADS0 MTLDFLXADS1 MTVRFLXARSO MFMYFLXARSO MFMYFLXADS0						
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CONFIDENTIAL ST CUR
EMUE REPORT 02/02/94

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DEDICATED SWITCHED TRANSPORT MODEL REMOTE REVENUE REPORT 02/02/94

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IXC	OFFICE	MILE
/ WTL	OKCBFLXADSO	
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3	ORCYFLXADSO	
4	ORCYFLXCDS1	
5	ORCYFLXCRS0	
6	PNGRFLXADSO	
7	PHISFLXADSO	
8	PTCTFLXADSO	
1	SBNGFLXADSO	
10	SCPKFLXARSO	
11	SLHLFLXARSO	
12	SNANFLXA58A	
13	SNISFLXADSO	
14	SSPRFLXARSO	119
15	STCDFLXADSO	
16	SYSPFLXARSO	
14567	SVSSFLXARSO	
18	TLCHFLXA58A	
19	TVRSFLXADSO	
20	UMTLFLXARSO	
21	WCHLFLXADSO	344
22	WLSTFLXARSO	1000
23	WLWDFLXARSO	
245	UNDRFLXARSO	
25	UNGRELXADSO	
26	WNPKFLXADS1	
27	ZLSPFLXARSO	
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FTMYFLXADSO **OCALFLXADSO OKLWFLXADSO**

37 TOTAL IXC ZZZ

38 TOTAL

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/ JULY 1993 DEMAND DATA

- 2 SWITCHED TRANSPORT AND SPECIAL ACCESS RATES USED
- 3 INTRASTATE RATES EFFECTIVE 7-1-93
- 4 MB1= MB2= MB3= MB3= MB4= MB5= MB5= MB6=
- 6 VG_STH= VG_CHT= VG_CHF=
- 7 STHE CHT- CHF-
- 8 DS3_STH= DS3_CHT= DS3_CHT= DS3_MUX=
- 10 SWITCHED LOCAL TRANSPORT AND RATES USED
- // INTERSTATE RATES EFFECTIVE 7-1-93
- 12 THIS REPORT IS BASED ON JULY 1993 DEMAND

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Expanded Interconnection) Docket No. 921074-TP,
Phase II and Local Transport) 930955-TL, 940014-TL,
Restructure) 940020-TL, and 931196-TL

UNITED TELEPHONE COMPANY OF FLORIDA'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

CONFIDENTIAL DOCUMENTS

Line-by-Line/Page-by-Page Justification

The following data on the document identified as Attachment "A" is confidential.

Document No.	Page	Data Point	Line(s)	Columns	Justification
1	2		2-18, 20-26	A,B,C	Note 1
	3		2-4, 6-7, 9-14, 16, 18, 20-25	A,B,C	Note 2
	4		3-4, 6-11, 14-15, 17-22, 25-26, 28- 34, 37-38, 40-46, 49-50, 52-59	A,B,C	Note 1
	5	-	2-11, 13-22, 24-26, 28-34, 38-39, 40-46, 49-50, 52-59	A,B,C	Note 2
	6		All lines	None	Note 3
	7		All lines	None	Note 3
	8		All lines	None	Note 3
	9		All lines	None	Note 3
	10	·	All lines	None	Note 3
	11		All lines	None	Note 3
	12		All lines	None	Note 3
	13	12	All lines	None	Note 3
	14		All lines	None	Note 3
	15	4	All lines	None	Note 3
	16		2-20, 22-28	A	Note 1
	17	A	2-11, 13-21, 23-25, 27-33	A,B	Note 1
	18		2-29, 31-35	A,B	Note 2
	19		2-42	A,B	Note 2
	20		All lines	None	Note 3

Document No.	Page	Data Point	Line(s)	Columns	Justification
1 (cont.)	21	-	All lines	None	Note 3
(COILL.)	22	1	2-20, 22-28	A,B,C	Note 1
	23		2-11, 13-21, 23-25, 27-33	A,B,C,D	Note 1
	24		2-29, 31-35	A,B,C,D	Note 2
	25		2-4, 6-31, 33-41	A,B,C,D	Note 2
2	1	-	All lines	None	Note 4
3	34		14	None	Note 5
	35		5, 11	A-E	Note 6
	43		3-8	A-F	Note 6
	44		4-12	D, F-I	Note 6
	45		4-16	C-K	Note 6
	46	•	8-9	C,E,G,H	Note 6
	47		8-9, 18	C-K	Note 6
	48		3, 5	C-I	Note 6
	49		3, 5-6	C-K	Note 6
	50		3	D,F,G,I	Note 6
	51	2/	3-4	C-K	Note 6
	55		10-12	C,E,G,H	Note 6
	56	line	10-12, 18	C,E,F,H	Note 6
	57	W	3-8	C,E,G,H	Note 6
	58		3-15	C-K	Note 6
G#	62		3-6	A-I	Note 6
	63		2-7, 10-14	A,B	Note 6

No.	Page	Data Point	Line(s)	Columns	Justification
3 (2001)	64		1-14	A	Note 6
(cont.)	65		1-4	A-D	Note 6
	66		4-10, 17-22, 30-31	A	Note 6
	67	. .	4-10, 16-21, 28-29	A	Note 6
	68		4-10, 16-21, 29-30	А	Note 6
	69		4-10, 17-22, 32-33	A	Note 6
	87		2-27	A-D	Note 6
	88		2-27	A-D	Note 6
	91	-	3-9, 12	A-C	Note 6
	127		10	None	Note 7
	132		1-2, 4, 10, 12-13	C-G	Note 8
	133		1-20	D-J	Note 8
	134	*	1-22	C-J	Note 8
	135		1-22	C-J	Note 8
	136		1-2, 4, 11, 13-14	C-G	Note 8
	137	-	1-19	D-J	Note 8
	138	4	1-22	C-J	Note 8
	139	1	1-22	C-J	Note 8
	140		1-2, 4, 11, 13-14	C-G	Note 8
	141		1-20	D-J	Note 8
	142	I	1-22	C-J	Note 8

Document No.	Page	Data Point	Line(s)	Columns	Justification
3 (cont.)	143		1-2, 4, 11, 13-14	C-J	Note 8
	144		1-2, 4, 11, 13-14	Ċ-G	Note 8
	145		1-19	D-J	Note 8
	146		1-22	C-J	Note 8
	147		1-22	C-J	Note 8
, and the second	148		1-2, 4, 11, 13-14	C-G	Note 8
	149	•-	1-20	D-J	Note 8
	150		1-22	C-J	Note 8
	151		1-22	C-J	Note 8
	152		1-2, 4, 11, 13-14	C-G	Note 8
	153		1-20	D-J	Note 8
	154		1-22	C-J	Note 8
	155		1-22	C-J	Note 8
	156		1-2, 4, 11, 13-14	C-G	Note 8
	157		1-19	D-J	Note 8
	159		1-22	C-J	Note 8
	160		1-2, 4, 11, 13-14	C-G	Note 8
	161		1-20	D-J	Note 8
	162		1-22	C-J	Note 8
	163	ys. 22	1-22	C-J	Note 8
	164		1-2, 4, 11, 13-14	C-G	Note 8

Document No.	Page	Data Point	Line(s)	Columns	Justification
3	165		1-20	D-J	Note 8
(cont.)	166		1-22	C-J	Note 8
	167		1-22	C-J	Note 8
	168	£ 48 ==	1-2, 4, 11, 13-14	C-G	Note 8
	169		1-20	D-J	Note 8
	170		1-22	C-J	Note 8
	171		1/22	C-J	Note 8
	172	X 1845.	1-2, 4, 11, 13-14	C-G	Note 8
	173		1-20	D-J	Note 8
	174		1-22	C-J	Note 8
	175		1-22	C-J	Note 8
	176	 	1-2, 4, 11, 13-14	C-G	Note 8
	177		1-20	D-J	Note 8
	178	* i	1-22	C-J	Note 8
	179		1-22	C-J	Note 8
	180		1-2, 4, 11, 13-14	C-G	Note 8
	181		1-20	D-J	Note 8
	182		1-22	C-J	Note 8
	183		1-22	C-J	Note 8
	184		1-2, 4, 11, 13-14	C-G	Note 8
	185	4-	1-19	C-J	Note 8
	186		1-22	C-J	Note 8

Document No.	Page	Data Point	Line(s)	Columns	Justification
3 (cont.)	187		1-22	C-J	Note 8
	188		1-2, 4, 11, 13-14	C-G	Note 8
	189	40-	1-20	D-J	Note 8
	190		1-22	C-J	Note 8
	191	e 19	1-22	C-J	Note 8
	192	-	1-2, 4, 11, 13-14	C-G	Note 8
	193		1-19	D-J	Note 8
	194		1-22	C-J	Note 8
	195		1-22	C-J	Note 8
	196		1-2, 4, 11, 13-14	C-G	Note 8
	197		1-20	D-J	Note 8
	198		1-22	C-J	Note 8
	199		1-22	C-J	Note 8
	200		1-2, 4, 11, 13-14	C-G	Note 8
	201		1-20	D-J	Note 8
	202		1-22	C-J	Note 8
	203		1-22	C-J	Note 8
	204		1-2, 4, 11, 13-14	C-G	Note 8
	205		1-20	D-J	Note 8
	206		1-22	C-J	Note 8
	207		1-22	C-J	Note 8
	208		1-2, 4, 11, 13-14	C-G	Note 8

No.	Page	Data Point	Line(s)	Columns	Justification
3 (cont.)	209	-	1-19	D-J	Note 8
	210		1-22	C-J	Note 8
	211		1-22	C-J	Note 8
	212		1-21	B-H	Note 8
	213	2.2	1-22	B-D None	Note 8
	215		0-14, 17-46	B,C-F	Note 8
	216	10/	1-22 23	C,F None	Note 8
	217	-1	1-15, 18-25, 34-37, 42, 45	B,C,E,F	Note 8
	218	 	1-22 23	B-D None	Note 8
	219		1-21 22	C,F None	Note 8
	228		3-4, 6-8	A-F	Note 8
	229	f	2-10	D, F-I	Note 8
	230		2-15	C-K	Note 8
	231		1-3	C,E,G,H	Note 8
	232		1-3, 15	C-J	Note 8
	233		2, 4	C-I	Note 8
	234		2, 4-5	C-K	Note 8
	235		2	D,F,G,I	Note 8
	236		2-3	C-K	Note 8
	240		1, 7-8	C-H	Note 8
	241		1-16	C-K	Note 8
	242		1, 7-8	C-I	Note 8
			7		

Document No.	Page	Data Poin		Columns	Justification
3 (cont.)	243	A	1-16	C-K	Note 8
	244	-	4-6	C,E,G,H	Note 8
	245		1-17	C-K	Note 8
	249		1-6	A-I	Note 8
	250		2-7, 10-14	A-B	Note 8
	251		1-14	A	Note 8
	252		1-6	A-D	Note 8
	253		4-10, 17-22, 30-31	A	Note 8
	254	100	4-10, 22-23	A	Note 8
	255	••	2-5, 19-20	A	Note 8
	256		4-10, 16-21, 28-29	A	Note 8
	257		4-10, 16-22, 31-32	А	Note 8
	258	7.7	4-10, 16-21, 29-30	A	Note 8
	259		4-10, 19-24, 32-33	A	Note 8
	277		2-33	A-E	Note 8
	278		2-32	A-E	Note 8
	281		2-3, 6-7, 10, 12-13, 15	A-C	Note 8
4	1		2-12	A	Note 9
	2		2-16	C-D	Note 10
	3		4-5, 8-9	A-C	Note 10
	4	17	2-15	A-B	Note 10
	5	W	4-10, 15-16	A-J	Note 10
			7.0		

No.	Page	Data Point	Line(s)	Columns	Justification
4 (cont.)	6	-	1-43	A-F	Note 10
	7		1-41	B-G	Note 10
	8		1-43	B-G	Note 10
	9		1-43	B-G	Note 10
	10		1-41	B-G	Note 10
	11		1-41	B-G	Note 10
	12	A	1-41	B-G	Note 10
	13		1-41	B-G	Note 10
	14		1-41	B-G	Note 10
	15	••	1-43	B-G	Note 10
	16		1-41	B-G	Note 10
	17		1-41	B-G	Note 10
	18		1-43	B-G	Note 10
	19		1-37	B-G	Note 10
	20	9 ₃ 0+4	1-41	B-G	Note 10
	21		1-43	B-G	Note 10
	22	. 4	1-39	B-G	Note 10
	23		1-43	B-G	Note 10
	24		1-39	B-G	Note 10
	25		1-40	B-G	Note 10
	26		1-43	B-G	Note 10
	27		1-41	B-G	Note 10
	28	12 P	1-43	B-G	Note 10
	29	-	1-41	B-G	Note 10
	30	57	1-41	B-G	Note 10

Document No.	Page	Data Point	: Line(s)	Columns	Justification
(cont.)	31		1-43	B-G	Note 10
	32	e	1-41	B-G	Note 10
	33		1-43	B-G	Note 10
	34	iday.	1-41	B-G	Note 10
	35		1-41	B-G	Note 10
	36		1-41	B-G	Note 10
	37		1-43	B-G	Note 10
	38		1-41	B-G	Note 10
	39	+	1-43	B-G	Note 10
	40	1	1-41	B-G	Note 10
	41		1-43	B-G	Note 10
	42		1-35	B-G	Note 10
	43		1-41	B-G	Note 10
	44	660	1-43	B-G	Note 10
	45		1-41	B-G	Note 10
	46	ar 2.3	1-43	B-G	Note 10
	47		1-39	B-G	Note 10
	48	11	1-43	B-G	Note 10
	49		1-39	B-G	Note 10
	50	6.7 - 2 -	1-43	B-G	Note 10
	51		1-43	B-G	Note 10
	52		1-39	B-G	Note 10
	53		1-43	B-G	Note 10
	54		1-41	B-G	Note 10
	55		1-43	B-G	Note 10
			10		

Document No.	Page	Data	: Line(s)	Columns	Justification
4	56		1-41	B-G	Note 10
(cont.)	57		1-43	B-G	Note 10
	58	1 15 <u>1</u>	1-41	B-G	Note 10
	59		1-43	B-G	Note 10
	60		1-41	B-G	Note 10
	61		1-41	B-G	Note 10
	62		1-41	B-G	Note 10
	63		1-43	B-G	Note 10
	64		1-39	B-G	Note 10
	65		1-41	B-G	Note 10
	66		1-43	B-G	Note 10
	67		1-43	B-G	Note 10
	68		1-39	B-G	Note 10
	69		1-43	B-G	Note 10
	70	-	1-41	B-G	Note 10
	71		1-40	B-G	Note 10
	72		1-41	B-G	Note 10
	73		1-43	B-G	Note 10
	74		1-38	B-G	Note 10
	75		4-9	None	Note 10
		The state of the state of			

Note 1: This information gives an overview of the Companies' access and toll markets (both interstate and intrastate) and forecasts the competitive impact on these revenues. This information describes the size of the markets and the revenues available to a competitor. Because this information is not available elsewhere, it would be

valuable to the Companies' competitors as they develop their marketing and pricing plans. As such, this information is valuable to the Companies and their customers and the public disclosure of this proprietary confidential business information potentially would harm the Companies' operations and customers.

- Note 2: This information consists of access and toll demand and revenue data. This data provides a detailed picture of the size of the access and toll markets and the demand and revenue which is available to the Companies' competitors. Because this information is not available elsewhere, it would be valuable to the Companies' competitors as they develop their marketing and pricing plans. As such, this information is valuable to the Companies and their customers and the public disclosure of this proprietary confidential business information potentially would harm the Companies' operations and customers.
- Note 3: This information consists of basic methodology and assumptions used to develop the impact on the Companies' access and toll revenues from the introduction of expanded interconnection and access and toll competition. This information was developed by the Companies and it is not available elsewhere. Because this information is not available elsewhere, it would be extremely valuable to the Companies' competitors as they develop their own marketing and pricing strategies. As such, public disclosure of this proprietary confidential business information potentially would harm the Companies' operations and customers.
- Note 4: This information consists of competitive strategies and growth potential for the Companies' switched and special access, intraLATA toll and local exchange service markets. This information, which was developed by the Companies and is not available elsewhere, is valuable to the Companies' operations and customers and would be equally valuable to the Company's competitors as they decide what markets to enter and as they develop their marketing and pricing strategies. As such, public disclosure of this proprietary confidential business information potentially would harm the Companies' operations and customers.
- Note 5: This information consists of the fiber cable utilization factor which is essential to the development of the Company's Light Link Cost Study. This factor is not readily available elsewhere and depends upon a variety of Company conducted empirical analyses and is valuable to the Company's operations and customers. Because it is

not readily available elsewhere, it would also be valuable to the Company's competitors as they develop their pricing strategies. As such, public disclosure of this proprietary confidential business information would harm the Company's operations and customers.

- Note 6: This information consists of a variety of cost factors and investment data that are essential to the development of the Company's Light Link Cost Study. This data is not readily available elsewhere and depends upon a variety of Company conducted empirical analyses and is valuable to the Company's operations and customers. Because it is not readily available elsewhere, it would also be valuable to the Company's competitors as they develop their pricing strategies. As such, public disclosure of this proprietary confidential business information would harm the Company's operations and customers.
- Note 7: This information consists of the fiber cable utilization factor which is essential to the development of the Company's TransLink Cost Study. This factor is not readily available elsewhere and depends upon a variety of Company conducted empirical analyses and is valuable to the Company's operations and customers. Because it is not readily available elsewhere, it would also be valuable to the Company's competitors as they develop their pricing strategies. As such, public disclosure of this proprietary confidential business information would harm the Company's operations and customers.
- Note 8: This information consists of a variety of cost factors and investment data that are essential to the development of the Company's TransLink Cost Study. This data is not readily available elsewhere and depends upon a variety of Company conducted empirical analyses and is valuable to the Company's operations and customers. Because it is not readily available elsewhere, it would also be valuable to the Company's competitors as they develop their pricing strategies. As such, public disclosure of this proprietary confidential business information would harm the Company's operations and customers.
- Note 9: This information consists of incremental cost data relating to tandem switching. This cost data, which was developed by the Companies and is not available elsewhere, supplies some of the elements for pricing the Company's operations and customers. It would also be valuable to the Company's access competitors as they develop their marketing and pricing strategies. As such, public disclosure of this proprietary confidential business information potentially would harm the Company's operations and customers.

This information consists of switched access demand and Note 10: revenue data, most of which is in an interchange carrierby-interchange carrier, route-by-route specific basis. This information, which was developed by the Company and is not available elsewhere, is valuable to the Company's operations and customers because it details the size of the switched access market. It is also valuable to the Company's IXC customers because it shows IXC data on a route-by-route basis. Because this information is not available elsewhere, it would also be valuable to the Company's access and their IXC customer's competitors as these competitors decide which markets to enter and as they develop their marketing and pricing strategies. As such, public disclosure of this proprietary confidential business information potentially would harm the Company's operations and customers.

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