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PLEASE REPLY TO
POST OFFICE BOX 478
FRANKFORT, KENTUCKY 40602

March 21, 2002

RECEIVED
MAR 2 1 2002
PUBLIC SERVICE COMMISSION

Mr. Tom Dorman
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602-0615

Re: Petition for Confidential Treatment by Kentucky ALLTEL, Inc.
Administrative Case No. 382

Dear Mr. Dorman,

As a result of an informal conference, Commission Staff requested that Kentucky ALLTEL provide to Staff a copy of and information pertaining to the UNE model developed internally by ALLTEL Communications, Inc. ("ALLTEL"). In compliance with this request, please find enclosed an original and ten copies of a Petition for Confidential Treatment with respect to the UNE model. Attached to the Petition is one highlighted copy of the model inputs and outputs designating which portions, if not redacted, would disclose confidential material. Ten copies of the redacted version are also attached. Finally, a diskette containing the actual model is enclosed and is to be accorded the highest of proprietary treatment and is not to be duplicated or replicated in any manner.

The cost information contained in this filing is inherently proprietary in nature and public disclosure of the model, its inputs, or outputs would be very detrimental to ALLTEL and its affiliates. **It is the desire of Kentucky ALLTEL that this filing be granted confidential treatment and that the diskette containing the model as well as the highlighted portions of the inputs and outputs be excluded from the Open Records requirements of the Kentucky Revised Statutes**.

We appreciate your assistance in this matter.

Yours very truly,

LIEBMAN AND LIEBMAN

Kyle T. Thompson

Kyle T. Thompson
Counsel for Kentucky ALLTEL, Inc.
403 West Main Street
P.O. Box 478
Frankfort, Kentucky 40602-0478

Enclosures

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN INQUIRY INTO THE DEVELOPMENT OF DEAVERAGED RATES FOR UNBUNDLED NETWORK ELEMENTS	)))	**ADM. CASE NO. 382**

PETITION FOR CONFIDENTIAL TREATMENT

Kentucky ALLTEL, Inc. ("Kentucky ALLTEL") moves the Public Service Commission of Kentucky ("Commission") pursuant to K.R.S. §61.878(1)(c)(1) and 807 KAR 5:001, Section 7 to accord confidential treatment to the unbundled network element ("UNE") model enclosed on diskette, the associated inputs, and the attached model outputs and in support thereof states the following:

1. On February 21, 2002, representatives from Kentucky ALLTEL, Verizon South Inc. ("Verizon"), and the Commission Staff attended an informal conference to discuss the UNE prices for Kentucky ALLTEL and Verizon.

2. As a result of the informal conference, Commission Staff requested that Kentucky ALLTEL provide to Staff a copy of the ALLTEL New York UNE model with New York-Jamestown inputs, information regarding the model, model outputs, a description of how the model meets TELRIC standards, and views on the deaveraging and provision of UNE combinations policies contained in the Commission's December 18, 2001 Order.

3. The ALLTEL New York UNE model was developed internally by ALLTEL Communications, Inc. ("ALLTEL") at its own expense. ALLTEL's Cost Department devoted substantial resources to developing the UNE model, which along with the model inputs and

outputs are treated as highly confidential by ALLTEL and its affiliates. The UNE model, inputs, and outputs have not been released publicly and are disclosed internally within ALLTEL on a need-to-know basis only. The inputs and outputs of the model include ALLTEL New York–Jamestown specific data which is not relevant to Kentucky carriers and which ALLTEL New York has provided only to the New York Public Service Commission, and then only when required to do so and only pursuant to a confidentiality agreement or enforceable order according the model confidential treatment. ALLTEL and its affiliates employ all reasonable measures to protect the confidentiality of its UNE model, inputs, and outputs and to guard against inadvertent, unauthorized disclosure.

4. K.R.S. §61.878(1)(c)(1) provides in pertinent part:

> The following public records are excluded from the application of ...[the Open Records Act] and shall be subject to inspection only upon order of a court of competent jurisdiction ...
>
> (c)1. ...records confidentially disclosed to an agency or required by an agency to disclosed to it, generally recognized as confidential or proprietary, which if openly disclosed would permit an unfair commercial advantage to competitors of the entity that disclosed the records.

5. Public disclosure of ALLTEL's UNE model, the inputs, or the outputs would provide other entities an unfair competitive advantage by affording them access to ALLTEL's confidential cost information and by allowing them to infringe upon ALLTEL's rights with respect to its intangible personal property in the form of the UNE model which was developed at ALLTEL's sole expense. Such models and information contained in and produced by these models are generally considered confidential and proprietary in the telecommunications industry.

6. The model, its inputs, and outputs are also protected from disclosure pursuant to K.R.S. §61.878(1)(c)(2)(c) as a confidential and proprietary record disclosed to the Public Service Commission in conjunction with the regulation of a commercial enterprise.

7. ALLTEL and its affiliates have taken all reasonable steps to prevent the dissemination of the confidential information in the UNE model, its inputs, and outputs outside of ALLTEL, its parent corporation and affiliates.

8. Filed with this Petition is one copy of the model inputs and outputs that identifies by highlighting those portions that are confidential. Also filed are ten copies of the model inputs and outputs with the confidential information redacted.

9. Filed also with this Petition is a diskette containing the New York UNE model. Due to the highly confidential nature of the model as set forth herein, this diskette should not be duplicated under any circumstance and should be viewed only from the original diskette provided by Kentucky ALLTEL.

WHEREFORE, Kentucky ALLTEL respectfully requests that the UNE model and the highlighted inputs and outputs be accorded confidential treatment and be placed in the confidential files of the Commission, that viewing of the diskette containing the UNE model be restricted to only Commission and Staff involved in this proceeding, that no party to this proceeding including Commission Staff be permitted to duplicate the diskette containing the UNE model, and that Kentucky ALLTEL be accorded all other relief to which it may be entitled.

Dated: March 21, 2002.

Respectfully submitted,

KENTUCKY ALLTEL, INC.

By: Kyle T. Thompson
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Kyle T. Thompson
Liebman and Liebman
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CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing Petition for Confidential Treatment and redacted model inputs and outputs were hand delivered this 21st day of March, 2002, to the staff of the Public Service Commission as requested through an informal conference held February 21, 2002.

Kyle T. Thompson
Kyle T. Thompson

Table of Contents

1. Model used in New York with New York inputs.

Rate Sheet
COMPANY: NY - JAMESTOWN

UNE PRICE LIST

Rate Element	Per Billable Unit	Recurring Monthly Costs: Total Company	Zone A	Zone B	Zone C	NonRecurring Costs: Initial Order	Additional Order	Basic Conditioning	Equipment Removal See Note 1	Per Repeater	Per Repea Shel
Loop		[redacted]									
2W Analog Loops	Loop										
4W Analog Loops	Loop										
2W Digital Loops	Loop										
4W Digital Loops	Loop										
DS3 Digital Loops	Loop										
NID											
All Interfaces	Loop										
Loop Port											
2W Analog Loops	Port										
4W Analog Loops	Port										
2W Digital Loops	Port										
4W Digital Loops	Port										
DS3 Digital Loops	Port										
Switching											
End Office Switching	Total Minutes										
Tandem Switching	Tandem Minutes										
Transport Facility											
Common Transport	Common Toll Minutes										
Dedicated Transport	Dedicated Toll Trunks										
Transport Termination											
OC-48	Termination										
OC-12	Termination										
OC-03	Termination										
DS-3	Termination										
	Termination										
	Termination										
Reciprocal Compensation											
Transport & Termination	Terminating Minute										
Conditioning											
BRI-ISDN 2 Wire	Bridge Tap, Load Coil, Cabl										
BRI-ISDN 4 Wire	Bridge Tap, Load Coil, Cabl										
DDS 2 Wire	Bridge Tap, Load Coil, Cabl										
DDS 4 Wire	Bridge Tap, Load Coil, Cabl										
PRI-ISDN / HDSL 2 Wire	Bridge Tap, Load Coil, Cabl										
PRI-ISDN / HDSL 4 Wire	Bridge Tap, Load Coil, Cabl										
PRI-ISDN / DS-1 2 Wire	Bridge Tap, Load Coil, Cabl										
PRI-ISDN / DS-1 4 Wire	Bridge Tap, Load Coil, Cabl										
Service Order Charges											
New Service	Order										
Change	Order										
Disconnection	Order										
Maintenance of Service Charges											
Basic Time	Half Hour										
Overtime	Half Hour										
Premium Time	Half Hour										
Time and Material Charges											
Basic Time	Half Hour										
Overtime	Half Hour										
Premium Time	Half Hour										

COST COMPONENTS
COMPANY: NY - JAMESTOWN

TOTAL COSTS

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Investment Costs					
1. Loop Materials	Cost Worksheets	[redacted]			
2. Switch Materials	Cost Worksheets				
3. Transport Materials	Cost Worksheets				
4. Other Materials	Cost Worksheets				
5. Total Materials	Sum Lines 1 thru 4				
6. Additional Material Percent	Material Factor WS				
7. Total Material Costs	Line 5 + (Line 5 * Line 6)				
8. Sales Tax	Line 7 * 0%				
9. Purchased Material Costs	Line 7 + Line 8				
10. Fill Factor	Material Factor WS				
11. Capacity Investment	Line 9 / Line 1				
12. EF&I Costs	EF&I Worksheet				
13. Installed Costs	Line 11 + Line 12				
14. Power & Common Factor	Material Factor WS				
15. Power & Common Costs	Line 13 * Line 14				
16. Loaded Material Investment	Line 13 + Line 15				
17. Utilization Factor	Material Factor WS				
18. Utilized Investment	Line 16 * Line 17				
Annual Costs					
19. Utilized Net Salvage	Salvage % * Line 18				
20. Depreciation Life	Economic Tables				
21. Depreciation Expense	Straight Line				
22. Depreciation Reserve	Line 18 / 2				
23. Net Investment	Line 18 - Line 22				
24. Return On Net Investment	L23 * RoR @ 11.25%				
24. Income Tax	Line 24 * 59.43%				
25. Expenses	Expense Worksheet				
26. Direct Costs	Sum Lines 21+24+24+25				
27. Common Costs	Line 26 * 18.11%				
28. Total Annual Costs	Line 26 + Line 27				
Monthly Costs					
29. Return	Line 24 / 12 Months				
30. Depreciation	Line 21 / 12 Months				
31. Income Tax	Line 24 / 12 Months				
32. Expenses	Line 25 / 12 Months				
33. Direct Costs	Sum Lines 29 thru 32				
34. Common Costs	Line 27 / 12 Months				
35. Total Monthly Costs	Line 33 + Line 34				
Monthly Cost Analysis					
36. Total Loops	Demand Worksheet				
37. Cost per Loop	Line 35 / Line 36				
38. Investment Factor	Line 28 / Line 18				

NONRECURRING CHARGES
COMPANY: NY - JAMESTOWN

INITIAL COSTS

Activity	Department	Minutes	Hourly Rate	Amount	Common Cost	Initial Order	Additional Order
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Loop							
1. Record Keeping	ICSC Personnel	[redacted]					
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	COE Technician						
6. Travel Time	Cable Splicer						
7. Installation	Cable Splicer						
8. Rearrangements	Construction Supervisor						
9. Disconnection	COE Technician						
10. Loop							
NID							
1. Record Keeping	ICSC Personnel						
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	COE Technician						
6. Travel Time	COE Technician						
7. Installation	COE Technician						
8. Rearrangements	COE Technician						
9. Disconnection	COE Technician						
10. NID							
Loop Port							
1. Record Keeping	ICSC Personnel						
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	COE Technician						
6. Travel Time	COE Technician						
7. Installation	COE Technician						
8. Rearrangements	COE Technician						
9. Disconnection	COE Technician						
10. Loop Port							
End Office Switching							
1. Record Keeping	ICSC Personnel						
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	COE Technician						
6. Travel Time	Cable Splicer						
7. Installation	Cable Splicer						
8. Rearrangements	Construction Supervisor						
9. Disconnection	COE Technician						
10. End Office Switching							
Tandem Switching							
1. Record Keeping	ICSC Personnel						
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	COE Technician						
6. Travel Time	Cable Splicer						
7. Installation	Cable Splicer						
8. Rearrangements	Construction Supervisor						
9. Disconnection	COE Technician						
10. Tandem Switching							

NONRECURRING CHARGES
COMPANY: NY - JAMESTOWN

INITIAL COSTS

Activity	Department	Minutes	Hourly Rate	Amount	Common Cost	Initial Order	Additional Order
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Common Transport		[redacted]					
1. Record Keeping	ICSC Personnel						
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	OSP Technician						
6. Travel Time	OSP Technician						
7. Installation	OSP Technician						
8. Rearrangements	OSP Engineer						
9. Disconnection	OSP Technician						
10. Common Transport							
Dedicated Transport							
1. Record Keeping	ICSC Personnel						
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	OSP Technician						
6. Travel Time	OSP Technician						
7. Installation	OSP Technician						
8. Rearrangements	OSP Engineer						
9. Disconnection	OSP Technician						
10. Dedicated Transport							
Transport Termination							
1. Record Keeping	ICSC Personnel						
2. Order Administration & Billing	ICSC Personnel						
3. Project Management	Industry Relations						
4. Planning & Design	Transmission Engineer						
5. Testing	COE Technician						
6. Travel Time	COE Technician						
7. Installation	COE Technician						
8. Rearrangements	COE Technician						
9. Disconnection	COE Technician						
10. Transport Termination							
Service Order							
1. New Service	ICSC Personnel						
2. Change	ICSC Personnel						
3. Disconnection	ICSC Personnel						
Maintenance							
1. Basic Time	COE Technician						
2. Overtime	COE Technician						
3. Premium Time	COE Technician						
Time & Material							
1. Basic Time	COE Technician						
2. Overtime	COE Technician						
3. Premium Time	COE Technician						

TELRIC LOOP DEVELOPMENT
COMPANY: NY - JAMESTOWN

COST TO CONDITION LOOPS

Description	Source	BRI-ISDN 2 Wire	BRI-ISDN 4 Wire	DDS 2 Wire	DDS 4 Wire	PRI-ISDN / HDSL 2 Wire	PRI-ISDN / HDSL 4 Wire	PRI-ISDN / DS-1 2 Wire	PRI-ISDN / DS-1 4 Wire
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RATE SUMMARY:		[redacted]							
1. Inquiry Fee	Nonrecurring								
2. Base Conditioning Fee	Nonrecurring								
3. Per Bridge Tap or Load Coil Removed	Nonrecurring								
4. Per Repeater	Nonrecurring								
5. Per Repeater Shelf	Nonrecurring								
6. Per Repeater	Monthly								
NONRECURRING RATE DEVELOPMENT:									
7. Profit Margin	3.00%								
Inquiry Fee - determines if conditioning is required									
8. Hours per facility inspection per circui	Transmission Engine								
9. Cost per Hour	$29.82								
10. Hours per field inspection per circuit	OSP Engineer								
11. Cost per Hour	$66.05								
12. Total Cost	Line 9 + Line 11								
13. Rate	Line 12 * Line 7								
Basic Conditioning - determines specific conditioning and dr									
14. Hours per specifications per circuit	OSP Engineer								
15. Cost per Hour	$66.05								
16. Hours per drawing per circuit	Property Managemer								
17. Cost per Hour	$47.13								
18. Total Cost	Line 15 + Line 17								
19. Rate	Line 18 * Line 7								
Per Bridge Tap, Load Coil, Cable or Terminal Throw									
20. Hours per tap, coil, cable, or throw	Cable Splicer								
21. Total Cost	$45.48								
22. Rate	Line 21 * Line 7								
Per Repeater									
23. Required Length									
24. Hours per repeater	Cable Splicer								
25. Total Cost	$45.48								
26. Rate	Line 25 * Line 7								
Per Repeater Shelf									
27. Hours per repeater shelf	Cable Splicer								
28. Total Cost	$45.48								
29. Rate	Line 28 * Line 7								
RECURRING RATE DEVELOPMENT:									
Investment Costs	Loop Electronics								
1. Material Costs	Selected Company W								
2. Additional Material Percent	Material Input WS								
3. Total Material Costs	Line 1 * (1 + Line 2)								
4. Sales Tax	Line 3 * 0.00%								
5. Purchased Material Costs	Line 3 + Line 4								
6. Fill Factor	Material Input WS								
7. Capacity Investment	Line 5 / Line 6								
8. EF&I Costs	EF&I Worksheet								
9. Installed Costs	Line 7 + Line 8								
10. Power & Common Factor	Material Input WS								
11. Power & Common Costs	Line 9 * Line 10								
12. Loaded Material Investment	Line 9 + Line 11								
13. Utilization Factor	Material Input WS								
14. Utilized Investment	Line 12 * Line 13								
Annual Costs									
15. Utilized Net Salvage	Salvage % * Line 14								
16. Depreciation Life	Loop Electronics								
17. Depreciation Expense	Straight Line								
18. Depreciation Reserve	Line 14 / 2								
19. Net Investment	Line 14 - Line 18								
20. Return On Net Investment	L19 * RoR @ 11.25%								
21. Income Tax	Line 20 * 59.43%								
22. Total Expense Factor	Factor Input WS								
23. Expenses	Line 14 * Line 22								
24. Direct Costs	Sum Lines 17+20+2								
25. Common Costs	Line 24 * 18.11%								
26. Total Annual Costs	Line 24 + Line 25								
27. Total Monthly Costs	Line 26 / 12								

TELRIC LOOP DEVELOPMENT
COMPANY: NY - JAMESTOWN

TOTAL LOOP COST

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Total Monthly Cost per Loop					
1. 2W Analog Loops	L6 + L11	[redacted]			
2. 4W Analog Loops	L7 + L12				
3. 2W Digital Loops	L8 + L13				
4. 4W Digital Loops	L9 + L14				
5. DS3 Digital Loops	L10 + L15				
Monthly Cable Cost per Loop					
6. 2W Analog Loops	Loop Cost WS L1				
7. 4W Analog Loops	Loop Cost WS L2				
8. 2W Digital Loops	Loop Cost WS L3				
9. 4W Digital Loops	Loop Cost WS L4				
10. DS3 Digital Loops	Loop Cost WS L5				
Monthly Electronics Cost per Loop					
11. 2W Analog Loops	Electronics Allocation WS L1				
12. 4W Analog Loops	Electronics Allocation WS L2				
2W Digital Loops	Electronics Allocation WS L3				
4W Digital Loops	Electronics Allocation WS L4				
15. DS3 Digital Loops	Electronics Allocation WS L5				

TELRIC LOOP DEVELOPMENT
COMPANY: NY - JAMESTOWN

LOOP CABLE COSTS

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Monthly Loop Cable Cost		[redacted]			
1. 2W Analog Loops	Sum Lines 6 thru 11				
2. 4W Analog Loops	Sum Lines 12 thru 17				
3. 2W Digital Loops	Sum Lines 18 thru 23				
4. 4W Digital Loops	Sum Lines 24 thru 29				
5. DS3 Digital Loops	Sum Lines 30 thru 35				
2W Analog Loops					
6. Loop Aerial Cable	Loop Cable Allocation * Line 36				
7. Loop U/G Cable	Loop Cable Allocation * Line 37				
8. Loop Buried Cable	Loop Cable Allocation * Line 38				
9. Loop Aerial Drop	Loop Cable Allocation * Line 39				
10. Loop Buried Drop	Loop Cable Allocation * Line 40				
11. Loop Fiber Cable	Loop Cable Allocation * Line 41				
4W Analog Loops					
12. Loop Aerial Cable	Loop Cable Allocation * Line 36				
13. Loop U/G Cable	Loop Cable Allocation * Line 37				
14. Loop Buried Cable	Loop Cable Allocation * Line 38				
15. Loop Aerial Drop	Loop Cable Allocation * Line 39				
16. Loop Buried Drop	Loop Cable Allocation * Line 40				
17. Loop Fiber Cable	Loop Cable Allocation * Line 41				
2W Digital Loops					
18. Loop Aerial Cable	Loop Cable Allocation * Line 36 * 2				
19. Loop U/G Cable	Loop Cable Allocation * Line 37 * 2				
20. Loop Buried Cable	Loop Cable Allocation * Line 38 * 2				
21. Loop Aerial Drop	Loop Cable Allocation * Line 39 * 2				
22. Loop Buried Drop	Loop Cable Allocation * Line 40 * 2				
23. Loop Fiber Cable	Loop Cable Allocation * Line 41				
4W Digital Loops					
24. Loop Aerial Cable	Loop Cable Allocation * Line 36				
25. Loop U/G Cable	Loop Cable Allocation * Line 37				
26. Loop Buried Cable	Loop Cable Allocation * Line 38				
27. Loop Aerial Drop	Loop Cable Allocation * Line 39				
28. Loop Buried Drop	Loop Cable Allocation * Line 40				
29. Loop Fiber Cable	Loop Cable Allocation * Line 41				
DS3 Digital Loops					
30 Loop Aerial Cable	Loop Cable Allocation * Line 36 * 2				
31 Loop U/G Cable	Loop Cable Allocation * Line 37 * 2				
32 Loop Buried Cable	Loop Cable Allocation * Line 38 * 2				
33 Loop Aerial Drop	Loop Cable Allocation * Line 39 * 2				
34 Loop Buried Drop	Loop Cable Allocation * Line 40 * 2				
35 Loop Fiber Cable	Loop Cable Allocation * Line 41				
Monthly Cable Cost per Foot					
36. Loop Aerial Cable	Loop Cable WS				
37. Loop U/G Cable	Loop Cable WS				
38. Loop Buried Cable	Loop Cable WS				
39. Loop Aerial Drop	Loop Cable WS				
40. Loop Buried Drop	Loop Cable WS				
41. Loop Fiber Cable	Loop Cable WS				

TELRIC LOOP DEVELOPMENT
COMPANY: NY - JAMESTOWN

LOOP CABLE FEET ALLOCATION

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Total Cable Pair Feet					
1. Loop Aerial Cable	Input	[redacted]			
2. Loop U/G Cable	Input				
3. Loop Buried Cable	Input				
4. Loop Aerial Drop	Input				
5. Loop Buried Drop	Input				
6. Loop Fiber Cable	Input				
7. Total	Sum Lines 1 thru 6				
Cable Feet Percent to Total					
8. Loop Aerial Cable	Line 1 / Line 7				
9. Loop U/G Cable	Line 2 / Line 7				
10. Loop Buried Cable	Line 3 / Line 7				
11. Loop Aerial Drop	Line 4 / Line 7				
12. Loop Buried Drop	Line 5 / Line 7				
13. Loop Fiber Cable	Line 6 / Line 7				
14. Total	Sum Lines 8 thru 13				
Analog Loops					
2W Analog Loops Feet	Input				
16. Loop Aerial Cable	Line 15 * Line 8				
17. Loop U/G Cable	Line 15 * Line 9				
18. Loop Buried Cable	Line 15 * Line 10				
19. Loop Aerial Drop	Line 15 * Line 11				
20. Loop Buried Drop	Line 15 * Line 12				
21. Loop Fiber Cable	Line 15 * Line 13				
4W Analog Loops					
22. 4W Analog Loops Feet	Input				
23. Loop Aerial Cable	Line 22 * Line 8				
24. Loop U/G Cable	Line 22 * Line 9				
25. Loop Buried Cable	Line 22 * Line 10				
26. Loop Aerial Drop	Line 22 * Line 11				
27. Loop Buried Drop	Line 22 * Line 12				
28. Loop Fiber Cable	Line 22 * Line 13				
2W Digital Loops					
29. 2W Digital Loops Feet	Input				
30. Loop Aerial Cable	Line 29 * Line 8				
31. Loop U/G Cable	Line 29 * Line 9				
32. Loop Buried Cable	Line 29 * Line 10				
33. Loop Aerial Drop	Line 29 * Line 11				
34. Loop Buried Drop	Line 29 * Line 12				
35. Loop Fiber Cable	Line 29 * Line 13				

TELRIC LOOP DEVELOPMENT
COMPANY: NY - JAMESTOWN

LOOP CABLE FEET ALLOCATION

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
4W Digital Loops		[redacted]			
36. 4W Digital Loops Feet	Input				
37. Loop Aerial Cable	Line 36 * Line 8				
38. Loop U/G Cable	Line 36 * Line 9				
39. Loop Buried Cable	Line 36 * Line 10				
40. Loop Aerial Drop	Line 36 * Line 11				
41. Loop Buried Drop	Line 36 * Line 12				
42. Loop Fiber Cable	Line 36 * Line 13				
DS3 Digital Loops					
43. DS3 Digital Loops Feet	Input				
44. Loop Aerial Cable	Line 43 * Line 8				
45. Loop U/G Cable	Line 43 * Line 9				
46. Loop Buried Cable	Line 43 * Line 10				
47. Loop Aerial Drop	Line 43 * Line 11				
48. Loop Buried Drop	Line 43 * Line 12				
49. Loop Fiber Cable	Line 43 * Line 13				

TELRIC LOOP DEVELOPMENT
NY - JAMESTOWN

LOOP CABLE MATERIAL WORKSHEET

Description	Source	Loop Aerial Cable	Loop U/G Cable	Loop Buried Cable	Loop Aerial Drop	Loop Buried Drop	Loop Fiber Cable	TOTAL
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Investment Costs								
1. Material Costs	Selected Company WS	[redacted]						
2. Other Material %	Material Input WS							
3. Total Material Costs	Line 1 * (1 + Line 2)							
4. Sales Tax	Line 3 * 0.00%							
5. Purchased Material Costs	Line 3 + Line 4							
6. Fill %	Material Input WS							
7. Capacity Investment	Line 5 / Line 6							
8. EF&I Costs	EF&I Worksheet							
9. Installed Costs	Line 7 + Line 8							
10. Power & Common %	Material Input WS							
11. Power & Common Costs	Line 9 * Line 10							
12. Loaded Material Investment	Line 9 + Line 11							
13. Utilization %	Material Input WS							
14. Utilized Investment	Line 12 * Line 13							
Annual Costs								
15. Utilized Net Salvage	Salvage % * Line 14							
16. Depreciation Life	Economic Tables							
17. Depreciation Expense	Straight Line							
18. Depreciation Reserve	Line 14 / 2							
19. Net Investment	Line 14 - Line 18							
20. Return On Net Investment	L19 * RoR @ 11.25%							
21. Income Tax	Line 20 * 59.43%							
22. Expenses	Expense Worksheet							
23. Direct Costs	Sum Lines 17+20+21+22							
24. Common Costs	Line 23 * 18.11%							
25. Total Annual Costs	Line 23 + Line 24							
Monthly Costs								
26. Return	Line 20 / 12 Months							
27. Depreciation	Line 17 / 12 Months							
28. Income Tax	Line 21 / 12 Months							
Expenses	Line 22 / 12 Months							
Direct Costs	Sum Lines 26+27+28+29							
Common Costs	Line 24 / 12 Months							
32. Total Monthly Costs	Line 30 + Line 31							
Monthly Cost Per Foot								
33. Cable Pair Feet	Input							
34. Cost per Foot	Line 32 / Line 33							

TELRIC LOOP DEVELOPMENT
ZONE A

LOOP CABLE MATERIAL WORKSHEET

Description	Source	Loop Aerial Cable	Loop U/G Cable	Loop Buried Cable	Loop Aerial Drop	Loop Buried Drop	Loop Fiber Cable	TOTAL
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Investment Costs								
1. Material Costs	Selected Company WS	[redacted]						
2. Other Material %	Material Input WS							
3. Total Material Costs	Line 1 * (1 + Line 2)							
4. Sales Tax	Line 3 * 0.00%							
5. Purchased Material Costs	Line 3 + Line 4							
6. Fill %	Material Input WS							
7. Capacity Investment	Line 5 / Line 6							
8. EF&I Costs	EF&I Worksheet							
9. Installed Costs	Line 7 + Line 8							
10. Power & Common %	Material Input WS							
11. Power & Common Costs	Line 9 * Line 10							
12. Loaded Material Investment	Line 9 + Line 11							
13. Utilization %	Material Input WS							
14. Utilized Investment	Line 12 * Line 13							
Annual Costs								
15. Utilized Net Salvage	Salvage % * Line 14							
16. Depreciation Life	Economic Tables							
17. Depreciation Expense	Straight Line							
18. Depreciation Reserve	Line 14 / 2							
19. Net Investment	Line 14 - Line 18							
20. Return On Net Investment	L19 * RoR @ 11.25%							
21. Income Tax	Line 20 * 59.43%							
22. Expenses	Expense Worksheet							
23. Direct Costs	Sum Lines 17+20+21+22							
24. Common Costs	Line 23 * 18.11%							
25. Total Annual Costs	Line 23 + Line 24							
Monthly Costs								
26. Return	Line 20 / 12 Months							
27. Depreciation	Line 17 / 12 Months							
Income Tax	Line 21 / 12 Months							
Expenses	Line 22 / 12 Months							
Direct Costs	Sum Lines 26+27+28+29							
31. Common Costs	Line 24 / 12 Months							
32. Total Monthly Costs	Line 30 + Line 31							
Monthly Cost Per Foot								
33. Cable Pair Feet	Input							
34. Cost per Foot	Line 32 / Line 33							

TELRIC LOOP DEVELOPMENT
ZONE B

LOOP CABLE MATERIAL WORKSHEET

Description	Source	Loop Aerial Cable	Loop U/G Cable	Loop Buried Cable	Loop Aerial Drop	Loop Buried Drop	Loop Fiber Cable	TOTAL
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Investment Costs								
1. Material Costs	Selected Company WS	[redacted]						
2. Other Material %	Material Input WS							
3. Total Material Costs	Line 1 * (1 + Line 2)							
4. Sales Tax	Line 3 * 0.00%							
5. Purchased Material Costs	Line 3 + Line 4							
6. Fill %	Material Input WS							
7. Capacity Investment	Line 5 / Line 6							
8. EF&I Costs	EF&I Worksheet							
9. Installed Costs	Line 7 + Line 8							
10. Power & Common %	Material Input WS							
11. Power & Common Costs	Line 9 * Line 10							
12. Loaded Material Investment	Line 9 + Line 11							
13. Utilization %	Material Input WS							
14. Utilized Investment	Line 12 * Line 13							
Annual Costs								
15. Utilized Net Salvage	Salvage % * Line 14							
16. Depreciation Life	Economic Tables							
17. Depreciation Expense	Straight Line							
18. Depreciation Reserve	Line 14 / 2							
19. Net Investment	Line 14 - Line 18							
20. Return On Net Investment	L19 * RoR @ 11.25%							
21. Income Tax	Line 20 * 59.43%							
22. Expenses	Expense Worksheet							
23. Direct Costs	Sum Lines 17+20+21+22							
24. Common Costs	Line 23 * 18.11%							
25. Total Annual Costs	Line 23 + Line 24							
Monthly Costs								
26. Return	Line 20 / 12 Months							
27. Depreciation	Line 17 / 12 Months							
Income Tax	Line 21 / 12 Months							
Expenses	Line 22 / 12 Months							
Direct Costs	Sum Lines 26+27+28+29							
31. Common Costs	Line 24 / 12 Months							
32. Total Monthly Costs	Line 30 + Line 31							
Monthly Cost Per Foot								
33. Cable Pair Feet	Input							
34. Cost per Foot	Line 32 / Line 33							

TELRIC LOOP DEVELOPMENT
ZONE C

LOOP CABLE MATERIAL WORKSHEET

Description	Source	Loop Aerial Cable	Loop U/G Cable	Loop Buried Cable	Loop Aerial Drop	Loop Buried Drop	Loop Fiber Cable	TOTAL
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Investment Costs								
1. Material Costs	Selected Company WS	[redacted]						
2. Other Material %	Material Input WS							
3. Total Material Costs	Line 1 * (1 + Line 2)							
4. Sales Tax	Line 3 * 0%							
5. Purchased Material Costs	Line 3 + Line 4							
6. Fill %	Material Input WS							
7. Capacity Investment	Line 5 / Line 6							
8. EF&I Costs	EF&I Worksheet							
9. Installed Costs	Line 7 + Line 8							
10. Power & Common %	Material Input WS							
11. Power & Common Costs	Line 9 * Line 10							
12. Loaded Material Investment	Line 9 + Line 11							
13. Utilization %	Material Input WS							
14. Utilized Investment	Line 12 * Line 13							
Annual Costs								
15. Utilized Net Salvage	Salvage % * Line 14							
16. Depreciation Life	Economic Tables							
17. Depreciation Expense	Straight Line							
18. Depreciation Reserve	Line 14 / 2							
19. Net Investment	Line 14 - Line 18							
20. Return On Net Investment	L19 * RoR @ 11.25%							
21. Income Tax	Line 20 * 59.43%							
22. Expenses	Expense Worksheet							
23. Direct Costs	Sum Lines 17+20+21+22							
24. Common Costs	Line 23 * 18.11%							
25. Total Annual Costs	Line 23 + Line 24							
Monthly Costs								
26. Return	Line 20 / 12 Months							
27. Depreciation	Line 17 / 12 Months							
28. Income Tax	Line 21 / 12 Months							
Expenses	Line 22 / 12 Months							
Direct Costs	Sum Lines 26+27+28+29							
Common Costs	Line 24 / 12 Months							
32. Total Monthly Costs	Line 30 + Line 31							
Monthly Cost Per Foot								
33. Cable Pair Feet	Input							
34. Cost per Foot	Line 32 / Line 33							

TELRIC LOOP DEVELOPMENT
COMPANY: NY - JAMESTOWN

LOOP ELECTRONICS UNIT COST

	Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(d)	(e)	(f)	(g)
	Loop Electronics Cost per Loop per Month					
1.	2W Analog Loops	Line 13 / Line 7. / 12 Months	[redacted]			
2.	4W Analog Loops	Line 14 / Line 8. / 12 Months				
3.	2W Digital Loops	Line 15 / Line 9. / 12 Months				
4.	4W Digital Loops	Line 16 / Line 10 / 12 Months				
5.	DS3 Digital Loops	Line 17 / Line 11 / 12 Months				
6.	Total	Line 18 / Line 12 / 12 Months				
	Average Forecast Units					
7.	2W Analog Loops	Demand WS				
8.	4W Analog Loops	Demand WS				
9.	2W Digital Loops	Demand WS				
10.	4W Digital Loops	Demand WS				
11.	DS3 Digital Loops	Demand WS				
12.	Total	Sum Lines 7. thru 11				
	Loop Electronics Annual Allocated Costs					
.	2W Analog Loops	Electronics Allocation Line 1				
14.	4W Analog Loops	Electronics Allocation Line 2				
15.	2W Digital Loops	Electronics Allocation Line 3				
16.	4W Digital Loops	Electronics Allocation Line 4				
17.	DS3 Digital Loops	Electronics Allocation Line 5				
18.	Total	Electronics Allocation Line 6				

TELRIC LOOP DEVELOPMENT
COMPANY: NY - JAMESTOWN

LOOP ELECTRONICS ALLOCATION

	Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(c)	(d)	(e)	(f)
	Loop Electronics Annual Allocated Costs					
1.	2W Analog Loops	Line 7. * Line 6.	[redacted]			
2.	4W Analog Loops	Line 8. * Line 6.				
3.	2W Digital Loops	Line 9. * Line 6.				
4.	4W Digital Loops	Line 10 * Line 6.				
5.	DS3 Digital Loops	Line 11 * Line 6.				
6.	Total	Loop Electronics Line 25				
	Loop Electronics Weighted Percentages					
7.	2W Analog Loops	Line 13 / Line 18				
8.	4W Analog Loops	Line 14 / Line 18				
	2W Digital Loops	Line 15 / Line 18				
.	4W Digital Loops	Line 16 / Line 18				
11.	DS3 Digital Loops	Line 17 / Line 18				
12.	Total	Sum Lines 7. thru 11				
	Loop Electronics Line Card Costs					
13.	2W Analog Loops	Line 19 * Line 24				
14.	4W Analog Loops	Line 20 * Line 25				
15.	2W Digital Loops	Line 21 * Line 26				
16.	4W Digital Loops	Line 22 * Line 27				
17.	DS3 Digital Loops	Line 23 * Line 28				
18.	Total	Sum Lines 13 thru 17				
	Price per Electronics					
19.	2W Analog Loops	Price Input WS				
20.	4W Analog Loops	Price Input WS				
21.	2W Digital Loops	Price Input WS				
22.	4W Digital Loops	Price Input WS				
23.	DS3 Digital Loops	Price Input WS				
	Forecast Units					
24.	2W Analog Loops	Demand WS				
25.	4W Analog Loops	Demand WS				
26.	2W Digital Loops	Demand WS				
27.	4W Digital Loops	Demand WS				
28.	DS3 Digital Loops	Demand WS				

TELRIC NETWORK INTERFACE DEVICE DEVELOPMENT
COMPANY: NY - JAMESTOWN

NID

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(d)	(e)	(f)	(g)
Investment Costs					
1. Material Costs	Input	[redacted]			
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
17. Depreciation Expense	Straight Line				
18. Depreciation Reserve	Line 14 / 2				
19. Net Investment	Line 14 - Line 18				
20. Return On Net Investment	L19 * RoR @ 11.25%				
21. Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				
Monthly Cost Per NID					
33. Installed NIDS	Demand WS				
34. Cost per NID	Line 32 / Line 33				

TELRIC SWITCH PORT DEVELOPMENT
COMPANY: NY - JAMESTOWN

MONTHLY LOOP PORT COST

	Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(d)	(e)	(f)	(g)
	Cost per Port per Month					
1.	2W Analog Loops	Line 13 / Line 7 / 12 months	[redacted]			
2.	4W Analog Loops	Line 14 / Line 8 / 12 months				
3.	2W Digital Loops	Line 15 / Line 9 / 12 months				
4.	4W Digital Loops	Line 16 / Line 10 / 12 months				
5.	DS3 Digital Loops	Line 17 / Line 11 / 12 months				
6.	Total	Line 18 / Line 12 / 12 months				
	Average Forecast Units					
7.	2W Analog Loops	Demand WS				
8.	4W Analog Loops	Demand WS				
9.	2W Digital Loops	Demand WS				
10.	4W Digital Loops	Demand WS				
11.	DS3 Digital Loops	Demand WS				
12.	Total	Sum Lines 7 thru 11				
	Allocated Annual Port Costs					
13.	2W Analog Loops	Port Allocation WS				
14.	4W Analog Loops	Port Allocation WS				
15.	2W Digital Loops	Port Allocation WS				
16.	4W Digital Loops	Port Allocation WS				
17.	DS3 Digital Loops	Port Allocation WS				
18.	Total	Port Allocation WS				

TELRIC SWITCH PORT DEVELOPMENT
COMPANY: NY - JAMESTOWN

LOOP PORT ALLOCATION

	Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(d)	(e)	(f)	(g)
	Allocated Annual Port Costs					
1.	2W Analog Loops	Line 7 * Line 6	[redacted]			
2.	4W Analog Loops	Line 8 * Line 6				
3.	2W Digital Loops	Line 9 * Line 6				
4.	4W Digital Loops	Line 10 * Line 6				
5.	DS3 Digital Loops	Line 11 * Line 6				
6.	Total	Loop Port Line 25				
	Weighted Switch Port Percentages					
7.	2W Analog Loops	Line 12 / Line 17				
8.	4W Analog Loops	Line 13 / Line 17				
9.	2W Digital Loops	Line 14 / Line 17				
10.	4W Digital Loops	Line 15 / Line 17				
11.	DS3 Digital Loops	Line 16 / Line 17				
	Line Card/Port Investment	Price				
12.	2W Analog Loops	[redacted]				
13.	4W Analog Loops					
14.	2W Digital Loops					
	4W Digital Loops					
	DS3 Digital Loops					
17.	Total	Sum Lines 12 thru 16				
	Average Forecast Units					
18.	2W Analog Loops	Demand WS				
19.	4W Analog Loops	Demand WS				
20.	2W Digital Loops	Demand WS				
21.	4W Digital Loops	Demand WS				
22.	DS3 Digital Loops	Demand WS				

TELRIC SWITCH PORT DEVELOPMENT
COMPANY: NY - JAMESTOWN

LOOP PORT

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Investment Costs					
1. Material Costs	Input	[redacted]			
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
17. Depreciation Expense	Straight Line				
18. Depreciation Reserve	Line 14 / 2				
Net Investment	Line 14 - Line 18				
Return On Net Investment	L19 * RoR @ 11.25%				
21. Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				

TELRIC END OFFICE SWITCHING DEVELOPMENT
COMPANY: NY - JAMESTOWN

END OFFICE SWITCHING

Description (a)	Source (b)	NY - Jamestown (c)	Zone A (d)	Zone B (e)	Zone C (f)
Investment Costs		[redacted]			
1. Material Costs	Input				
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
17. Depreciation Expense	Straight Line				
18. Depreciation Reserve	Line 14 / 2				
19. Net Investment	Line 14 - Line 18				
Return On Net Investment	L19 * RoR @ 11.25%				
Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				
Monthly Cost Per Minute					
33. Total Minutes	Total Mintues / 12				
34. Cost per Minute	Line 32 / Line 33				

TELRIC TANDEM SWITCHING DEVELOPMENT
COMPANY: NY - JAMESTOWN

TANDEM SWITCHING

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Investment Costs		[redacted]			
1. Material Costs	Input				
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
Depreciation Expense	Straight Line				
Depreciation Reserve	Line 14 / 2				
19. Net Investment	Line 14 - Line 18				
20. Return On Net Investment	L19 * RoR @ 11.25%				
21. Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				
Monthly Cost Per Minute					
33. Tandem Minutes	Tandem Minutes / 12				
34. Cost per Minute	Line 32 / Line 33				

TELRIC COMMON TRANSPORT FACILITY DEVELOPMENT
COMPANY: NY - JAMESTOWN

COMMON IX CABLE

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Investment Costs					
1. Material Costs	Input	[redacted]			
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
17. Depreciation Expense	Straight Line				
18. Depreciation Reserve	Line 14 / 2				
19. Net Investment	Line 14 - Line 18				
20. Return On Net Investment	L19 * RoR @ 11.25%				
21. Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				
Monthly Cost Per Minute					
33. Common Toll Minutes	Common Minutes / 12				
34. Cost per Minute	Line 32 / Line 33				

TELRIC DEDICATED TRANSPORT FACILITY DEVELOPMENT
COMPANY: NY - JAMESTOWN

DEDICATED IX CABLE

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Investment Costs					
1. Material Costs	Input	[redacted]			
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
17. Depreciation Expense	Straight Line				
18. Depreciation Reserve	Line 14 / 2				
19. Net Investment	Line 14 - Line 18				
20. Return On Net Investment	L19 * RoR @ 11.25%				
21. Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				
Monthly Cost Per Minute					
33. Dedicated Toll Trunks	Input				
34. Cost per Facility	Line 32 / Line 33				

TELRIC TRANSPORT TERMINATION DEVELOPMENT
COMPANY: NY - JAMESTOWN

IX ELECTRONICS COST ALLOCATION

	Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(c)	(d)	(e)	(f)
	Cost per Port per Month					
1.	IX Fiber Facilities OC-48	Line 15 / Line 8	[redacted]			
2.	IX Fiber Facilities OC-12	Line 16 / Line 9				
3.	IX Fiber Facilities OC-03	Line 17 / Line 10				
4.	IX Fiber Facilities DS-3	Line 18 / Line 11				
5.	IX Fiber Facilities DS-1	Line 19 / Line 12				
6.	IX Fiber Facilities DS-0	Line 20 / Line 13				
7.	Total	Line 21 / Line 14				
	Forecasted IX Ports					
8.	IX Fiber Facilities OC-48	Demand WS				
9.	IX Fiber Facilities OC-12	Demand WS				
10.	IX Fiber Facilities OC-03	Demand WS				
11.	IX Fiber Facilities DS-3	Demand WS				
12.	IX Fiber Facilities DS-1	Demand WS				
13.	IX Fiber Facilities DS-0	Demand WS				
14.	Total	Sum Lines 8 thru 13				
	IX Port Annual Allocated Costs					
15.	IX Fiber Facilities OC-48	IX Port Allocation Line 1				
16.	IX Fiber Facilities OC-12	IX Port Allocation Line 2				
17.	IX Fiber Facilities OC-03	IX Port Allocation Line 3				
18.	IX Fiber Facilities DS-3	IX Port Allocation Line 5				
19.	IX Fiber Facilities DS-1	IX Port Allocation Line 6				
20.	IX Fiber Facilities DS-0	IX Port Allocation Line 7				
21.	Total	IX Port Allocation Line 8				

TELRIC TRANSPORT TERMINATION DEVELOPMENT
COMPANY: NY - JAMESTOWN

IX ELECTRONICS COST WORKSHEET

	Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(c)	(d)	(e)	(f)
	IX Port Annual Allocated Costs					
1.	IX Fiber Facilities OC-48	Line 8 * Line 7	[redacted]			
2.	IX Fiber Facilities OC-12	Line 9. * Line 7				
3.	IX Fiber Facilities OC-03	Line 10 * Line 7				
4.	IX Fiber Facilities DS-3	Line 11 * Line 7				
5.	IX Fiber Facilities DS-1	Line 12 * Line 7				
6.	IX Fiber Facilities DS-0	Line 13 * Line 7				
7.	IX Fiber Equipment	IX Port Line 25				
	IX Port Weighted Percentages					
8.	IX Fiber Facilities OC-48	Line 15 / Line 21				
9.	IX Fiber Facilities OC-12	Line 16 / Line 21				
10.	IX Fiber Facilities OC-03	Line 17 / Line 21				
11.	IX Fiber Facilities DS-3	Line 18 / Line 21				
12.	IX Fiber Facilities DS-1	Line 19 / Line 21				
	IX Fiber Facilities DS-0	Line 20 / Line 21				
..	Total	Sum Lines 8 thru 13				
	IX Port Electronics Cost					
15.	IX Fiber Facilities OC-48	Line 22 * Line 28				
16.	IX Fiber Facilities OC-12	Line 23 * Line 29				
17.	IX Fiber Facilities OC-03	Line 24 * Line 30				
18.	IX Fiber Facilities DS-3	Line 25 * Line 31				
19.	IX Fiber Facilities DS-1	Line 26 * Line 32				
20.	IX Fiber Facilities DS-0	Line 27 * Line 33				
21.	Total	Sum Lines 15 thru 20				
	Price Per Port Electronics					
22.	IX Fiber Facilities OC-48	Price Input WS				
23.	IX Fiber Facilities OC-12	Price Input WS				
24.	IX Fiber Facilities OC-03	Price Input WS				
25.	IX Fiber Facilities DS-3	Price Input WS				
26.	IX Fiber Facilities DS-1	Price Input WS				
27.	IX Fiber Facilities DS-0	Price Input WS				
	Forecasted IX Ports					
28.	IX Fiber Facilities OC-48	Demand WS				
29.	IX Fiber Facilities OC-12	Demand WS				
30.	IX Fiber Facilities OC-03	Demand WS				
31.	IX Fiber Facilities DS-3	Demand WS				
32.	IX Fiber Facilities DS-1	Demand WS				
33.	IX Fiber Facilities DS-0	Demand WS				
	Total	Sum Lines 28 thru 33				

TELRIC TRANSPORT TERMINATION DEVELOPMENT
COMPANY: NY - JAMESTOWN

IX FIBER EQUIPMENT

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Investment Costs					
1. Material Costs	Input	[redacted]			
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
17. Depreciation Expense	Straight Line				
Depreciation Reserve	Line 14 / 2				
Net Investment	Line 14 - Line 18				
20. Return On Net Investment	L19 * RoR @ 11.25%				
21. Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				
Monthly Cost Per Minute					
33. Common Toll Minutes	Common Minutes / 12				
34. Cost per Minute	Line 32 / Line 33				

TELRIC ADSL SHARED LINE DEVELOPMENT
COMPANY: NY - JAMESTOWN

ADSL

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
Investment Costs					
1. Material Costs	Input	[redacted]			
2. Other Material %	Input				
3. Total Material Costs	Line 1 * (1 + Line 2)				
4. Sales Tax	Line 3 * 0%				
5. Purchased Material Costs	Line 3 + Line 4				
6. Fill %	Input				
7. Capacity Investment	Line 5 / Line 6				
8. EF&I Costs	EF&I Worksheet				
9. Installed Costs	Line 7 + Line 8				
10. Power & Common %	Input				
11. Power & Common Costs	Line 9 * Line 10				
12. Loaded Material Investment	Line 9 + Line 11				
13. Utilization %	Input				
14. Utilized Investment	Line 12 * Line 13				
Annual Costs					
15. Utilized Net Salvage	Salvage % * Line 14				
16. Depreciation Life	Economic Tables				
Depreciation Expense	Straight Line				
Depreciation Reserve	Line 14 / 2				
19. Net Investment	Line 14 - Line 18				
20. Return On Net Investment	L19 * RoR @ 11.25%				
21. Income Tax	Line 20 * 59.43%				
22. Expenses	Expense Worksheet				
23. Direct Costs	Sum Lines 17+20+21+22				
24. Common Costs	Line 23 * 18.11%				
25. Total Annual Costs	Line 23 + Line 24				
Monthly Costs					
26. Return	Line 20 / 12 Months				
27. Depreciation	Line 17 / 12 Months				
28. Income Tax	Line 21 / 12 Months				
29. Expenses	Line 22 / 12 Months				
30. Direct Costs	Sum Lines 26+27+28+29				
31. Common Costs	Line 24 / 12 Months				
32. Total Monthly Costs	Line 30 + Line 31				

ENGINEERING, FREIGHT, AND INSTALLATION COST DEVELOPMENT
COMPANY: NY - JAMESTOWN

ENGINEERING, FREIGHT, AND INSTALLATION COST SUMMARY

SUMMARY		AMOUNT				PERCENT TO CAPACITY INVESTMENT			
scription	Source	NY - Jamestown	Zone A	Zone B	Zone C	NY - Jamestown	Zone A	Zone B	Zone C
	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
p Aerial Cable	Sum %, Amounts, & Hours	[redacted]							
op U/G Cable	Sum %, Amounts, & Hours								
. Loop Buried Cable	Sum %, Amounts, & Hours								
4. Loop Aerial Drop	Sum %, Amounts, & Hours								
5. Loop Buried Drop	Sum %, Amounts, & Hours								
6. Loop Fiber Cable	Sum %, Amounts, & Hours								
7. Loop Electronics	Sum %, Amounts, & Hours								
8. Loop Port	Sum %, Amounts, & Hours								
9. End Office Switching	Sum %, Amounts, & Hours								
10. SS7 Signaling Switching	Sum %, Amounts, & Hours								
11. Tandem Switching	Sum %, Amounts, & Hours								
12. Common IX Cable	Sum %, Amounts, & Hours								
13. Dedicated IX Cable	Sum %, Amounts, & Hours								
14. IX Fiber Equipment	Sum %, Amounts, & Hours								
15. NID	Sum %, Amounts, & Hours								
16. ADSL	Sum %, Amounts, & Hours								
17. UNE-P	Sum %, Amounts, & Hours								
18.									
19. Total	Sum Lines 1 thru 18								

EF&I Based On Percentages				Capacity Investment				Capacity Investment * Percents				EF&I Amount			
Material	Engineer %	Freight %	Install %	NY - Jamestown	Zone A	Zone B	Zone C	NY - Jamestown	Zone A	Zone B	Zone C	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
20. Loop Aerial Cable	[redacted]														
21. Loop U/G Cable															
22. Loop Buried Cable															
23. Loop Aerial Drop															
24. Loop Buried Drop															
25. Loop Fiber Cable															
26. Loop Electronics															
27. Loop Port															
28. End Office Switching															
29. SS7 Signaling Switching															
30. Tandem Switching															
31. Common IX Cable															
32. Dedicated IX Cable															
33. IX Fiber Equipment															
34. NID															
35. ADSL															
36. UNE-P															
37.															
38. Total															

EF&I Based On Hours				Engineer Hours				Install Hours				Engineering and Installation Based On Hours			
Material	Engineer Rate	Freight Rate	Install Rate	NY - Jamestown	Zone A	Zone B	Zone C	NY - Jamestown	Zone A	Zone B	Zone C	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
39. Loop Aerial Cable	[redacted]														
40. Loop U/G Cable															
41. Loop Buried Cable															
42. Loop Aerial Drop															
p Buried Drop															
p Fiber Cable															
Electronics															
p Port															
End Office Switching															
48. SS7 Signaling Switching															
49. Tandem Switching															
50. Common IX Cable															
51. Dedicated IX Cable															
52. IX Fiber Equipment															
53. NID															
54. ADSL															
55. UNE-P															
56.															
57. Total															

TELRIC EXPENSE WORKSHEET
COMPANY: NY - JAMESTOWN

ANNUAL EXPENSE CALCULATION

		Expense Factors				Utilized Investment				Annual Expenses			
[illegible]erial	Investment Type	Direct Expense Factor	Joint Expense Factor	Common Expense Factor	Total Expense Factor	NY - Jamestown	Zone A	Zone B	Zone C	NY - Jamestown	Zone A	Zone B	Zone
	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
[illegible] Aerial Cable	Copper Cable	[redacted]											
2. Loop U/G Cable	Copper Cable												
3. Loop Buried Cable	Copper Cable												
4. Loop Aerial Drop	Copper Cable												
5. Loop Buried Drop	Copper Cable												
6. Loop Fiber Cable	Fiber Cable												
7. Loop Electronics	Circuit Equipment												
8. Loop Port	Switch Hardware												
9. End Office Switching	Switch Hardware												
10. SS7 Signaling Switching	Switch Hardware												
11. Tandem Switching	Switch Hardware												
12. Common IX Cable	Fiber Cable												
13. Dedicated IX Cable	Fiber Cable												
14. IX Fiber Equipment	Circuit Equipment												
15. NID	Circuit Equipment												
16. ADSL	Circuit Equipment												
17. UNE-P	Switch Hardware												
18.													
19. Total	Sum Lines 1 thru 18												

NOTES:
1. Expense factors generated from current accounting records
2. Loaded material investment is Line 12 on cost calculation worksheets
3. Expense amounts equal investment times factor

TELRIC INVESTMENT
COMPANY: NY - JAMESTOWN

INVESTMENT SUMMARY

Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)
LOOP					
1. Loop Aerial Cable	Selected Company WS	[redacted]			
2. Loop U/G Cable	Selected Company WS				
3. Loop Buried Cable	Selected Company WS				
4. Loop Aerial Drop	Selected Company WS				
5. Loop Buried Drop	Selected Company WS				
6. Loop Fiber Cable	Selected Company WS				
7. Loop Fiber Equipment	Selected Company WS				
8. Concentrator Equipment	Selected Company WS				
9. Pair Gain Equipment	Selected Company WS				
10. Line Termination	Selected Company WS				
11. NID Material	Selected Company WS				
12. Loop Materials	Sum Lines 1 thru 11				
SWITCHING					
13. Loop Port	Selected Company WS				
14. End Office Switching	Selected Company WS				
15. SS7 Signaling Switching	Selected Company WS				
16. Tandem Switching	Selected Company WS				
17. Switch Materials	Sum Lines 13 thru 16				
INTEROFFICE FACILITIES					
18. Common IX Cable	Selected Company WS				
19. Dedicated IX Cable	Selected Company WS				
20. IX Fiber Equipment	Selected Company WS				
21. Transport Materials	Sum Lines 18 thru 20				
OTHER					
22. Other	Selected Company WS				
23.					
24. Other Materials	Sum Lines 18 thru 20				
TOTAL INVESTMENT					
25. Total Materials	Sum Lines 12+17+21+24				

DEMAND UNIT WORKSHEET

COMPANY: NY - JAMESTOWN

FORECAST DEMAND

	Description	Source	CURRENT UNITS				5 YEAR CUMULATIVE GROWTH FACTORS				FORECAST UNITS			
			NY - Jamestown Current	Zone A Current	Zone B Current	Zone C Current	NY - Jamestown Growth	Zone A Growth	Zone B Growth	Zone C Growth	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1.	Total Loops	Sum Lines 12 thru 21	[redacted]											
2.	Switched Loops	Sum Lines 12 thru 14												
3.	DS3 Digital Loops	Lines 16 + 19												
4.	DS-1 Loops	Lines 17 + 20												
5.	DS-0 Loops	Lines 18 + 21												
6.	DS-3 Port	Lines 16 + 19												
7.	DS-1 Port	Lines 17 + 20												
8.	DS-0 Port	Lines 18 + 21												
9.	Total Minutes	Lines 9 + 10												
10.	Total Local Minutes	Lines 39 + 40												
11.	Total Toll Minutes	Lines 37 + 38 + 41												
12.	2W Analog Loops	Input												
13.	4W Analog Loops	Input												
14.	2W Digital Loops	Input												
15.	4W Digital Loops	Input												
16.	DS-3 Local Loops	Input												
17.	DS-1 Local Loops	Input												
18.	DS-0 Local Loops	Input												
19.	DS-3 IX Loops	Input												
20.	DS-1 IX Loops	Input												
21.	DS-0 IX Loops	Input												
22.	ADSL	Input												
23.	UNE-P	Input												
24.	Loop Fiber Facilities OC-48	Input												
25.	Loop Fiber Facilities OC-12	Input												
26.	Loop Fiber Facilities OC-03	Input												
27.	Loop Fiber Facilities DS-3	Input												
28.	Loop Fiber Facilities DS-1	Input												
29.	Loop Fiber Facilities DS-0	Input												
30.	IX Fiber Facilities OC-48	Input												
31.	IX Fiber Facilities OC-12	Input												
32.	IX Fiber Facilities OC-03	Input												
33.	IX Fiber Facilities STS-1	Input												
34.	IX Fiber Facilities DS-3	Input												
35.	IX Fiber Facilities DS-1	Input												
36.	IX Fiber Facilities DS-0	Input												
37.	Common Toll Minutes	Input												
38.	Dedicated Toll Minutes	Input												
39.	EAS Minutes	Input												
40.	Local Minutes	Input												
41.	Tandem Minutes	Input												
42.	Messages	Input												
43.	Installed NIDS	Input												
44.	Switched Line Cards	Input												
45.	DS-1 Line Cards	Input												
46.	DS-3 Line Cards	Input												
47.	Common Toll Trunks	Input												
48.	Dedicated Toll Trunks	Input												
49.	Tandem Trunks	Input												
50.	EAS Trunks	Input												

DEMAND UNIT WORKSHEET

COMPANY: NY - JAMESTOWN

		FORECAST DEMAND											
		CURRENT UNITS				5 YEAR CUMULATIVE GROWTH FACTORS				FORECAST UNITS			
Description	Source	NY - Jamestown Current	Zone A Current	Zone B Current	Zone C Current	NY - Jamestown Growth	Zone A Growth	Zone B Growth	Zone C Growth	NY - Jamestown	Zone A	Zone B	Zone C
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
51. 2W Analog Loop Feet	Input	[redacted]											
52. 4W Analog Loop Feet	Input												
53. 2W Digital Loop Feet	Input												
54. 4W Digital Loop Feet	Input												
55. DS3 Digital Loop Feet	Input												
56. DS-1 Loop Feet	Input												
57. DS-0 Loop Feet	Input												
58. Loop Aerial Cable Feet	Input												
59. Loop U/G Cable Feet	Input												
60. Loop Buried Cable Feet	Input												
61. Loop Aerial Drop Cable Feet	Input												
62. Loop Buried Drop Cable Feet	Input												
63. Loop Fiber Cable Feet	Input												
64. Common IX Miles	Input												
65. Dedicated IX Miles	Input												
66. Tandem IX Miles	Input												
67. EAS IX Miles	Input												
68. Dedicated Toll Trunks	Input												

LOOP and CABLE DISTANCE INFORMATION
COMPANY: NY - JAMESTOWN

	AVERAGE LOOP LENGTH IN FEET					
	Description	Source	NY - Jamestown	Zone A	Zone B	Zone C
	(a)	(b)	(c)	(d)	(e)	(f)
	Average Cable Length Allocation					
1.	2W Analog Loops	L13*(L14/L19)/L20	[redacted]			
2.	4W Analog Loops	L13*(L15/L19)/L21				
3.	2W Digital Loops	L13*(L16/L19)/L22				
4.	4W Digital Loops	L13*(L17/L19)/L23				
5.	DS3 Digital Loops	L13*(L18/L19)/L24				
6.	Total	Sum Lines 1 thru 5.				
	Total Cable Length By Facility					
7.	Loop Aerial Pair Feet	Input				
8.	Loop U/G Pair Feet	Input				
9.	Loop Buried Pair Feet	Input				
10.	Loop Aerial Drop Pair Feet	Input				
11.	Loop Buried Drop Pair Feet	Input				
12.	Loop Fiber Pair Feet	Input				
13.	Total	Sum Lines 7. thru 12				
	Total Cable Length By Service					
14.	2W Analog Loops	Line 20 * Line 26				
15.	4W Analog Loops	Line 21 * Line 27				
16.	2W Digital Loops	Line 22 * Line 28				
17.	4W Digital Loops	Line 23 * Line 29				
18.	DS3 Digital Loops	Line 24 * Line 30				
19.	Total	Sum Lines 14 thru 18				
	Loops					
20.	2W Analog Loops	Input				
	4W Analog Loops	Input				
	2W Digital Loops	Input				
23.	4W Digital Loops	Input				
24.	DS3 Digital Loops	Input				
25.	Total	Sum Lines 20 thru 24				
	Average Loop Length					
26.	2W Analog Loop Feet	Input				
27.	4W Analog Loop Feet	Input				
28.	2W Digital Loop Feet	Input				
29.	4W Digital Loop Feet	Input				
30.	DS3 Digital Loop Feet	Input				
31.	Average	Average Lines 26 thru 30				

ZONE INFORMATION
COMPANY: NY - JAMESTOWN

PRICING ZONES					
	Exchange	Total Lines	Square Miles	Density (Lines /Sq Mi)	Zones
	(a)	(b)	(c)	(d)	(e)
1.	[redacted]				
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					

Change Criteria On Input Form

Criteria For Zones		
	Density Range	
Zone	Bottom	Top
A	[redacted]	
B		
C		

Zone Count		
A	B	C
[redacted]		

TELRIC COMMON COSTS

COMPANY: NEW YORK

COMMON COST FACTOR

	Account Description	Source	Retail Percent	Total Amount
	(a)	(b)	(c)	(d)
1.	Product Management	6611	[redacted]	
2.	Sales	6612		
3.	Product Advertising	6613		
4.	Call Completion Services	6621		
5.	Number Services	6622		
6.	Customer Services	6623		
7.	Total Marketing & Service Expense	Sum Lines 1 thru 6		
8.	Retail Marketing & Service Expense	Sum L1c*L1d thru L6c*L6d		
9.	Wholesale Marketing & Service Expense	L7 - L8		
10.	Total Expenses	6		
11.	Ratio of Retail Expenses to Total Expenses	Line 9 / Line 10		
12.	Executive	6711		
13.	Planning	6712		
14.	Accounting & Finance	6721		
15.	External Relations	6722		
16.	Human Resources	6723		
17.	Information Management	6724		
18.	Legal	6725		
	Procurement	6726		
	Research & Development	6727		
21.	Other General & Administrative	6728		
22.	Total Exec., Plng., & Admin.	Sum Lines 12 thru 21		
23.	Support Asset Cost	L22 * L23c		
24.	Total Exec., Plng., & Admin.	L22 + L23		
25.	Retail Portion of Common	L24 * L11		
26.	Exec., Plng., & Admin. less Retail	L24 - L25		
27.	Network Operations - General Supervision	65342		
28.	Wholesale Marketing and Service Exp.	Line 9		
29.	Total Common Costs	Sum Lines 26 thru 28		
30.	Commission Assesment	L29 * L30c		
31.	Total Adjusted Common Costs	L29 + L30		
32.	Forward Looking Adjustment Factor	Input		
33.	Total Forward Looking Common Costs	L31 * L32		
34.	Total Revenues	5		
35.	Common Cost Allocator (% of Revenue)	Line 33 / Line 34		
36.	Annual Embedded Costs less Common	Total Cost WS		
37.	Common Cost Allocator (% of Embedded Cost)	Line 33 / Line 36		

Annual Cost Factors
COMPANY: NY - JAMESTOWN

Description		Factor
Capital Factors		
	Composite Rate of Return	[redacted]
	Interstate Rate of Return	
	Intrastate Rate of Return	
	Debt Ratio	
	Interest Rate	
	Cost of Capital	
Depreciation Life		
	Switch Hardware Accounting Dep Life	
	Switch Software Accounting Dep Life	
	Circuit Equipment Accounting Dep Life	
	Copper Cable Accounting Dep Life	
	Fiber Cable Accounting Dep Life	
	Switch Hardware Economic Dep Life	
	Switch Software Economic Dep Life	
	Circuit Equipment Economic Dep Life	
	Copper Cable Economic Dep Life	
	Fiber Cable Economic Dep Life	
Tax Rates		
	Sales Tax Rate	
	SIT Rate	
	GRT Rate	
	SET Rate	
	PSC Rate	
	Total State Income Taxes	
	Federal Income Tax Rate	
	Composite Income Tax Rate	
	Effective Tax Rate	
Maintenance Expense		
	Switching Maintenance Expense	
	Circuit Equipment Maintenance Expense	
	Copper Cable Maintenance Expense	
	Fiber Cable Maintenance Expense	
Joint Expenses		
	Network Operations Expense	
	Access Expense	
Common Expenses		
	Customer Service Expense	
	Sales & Marketing Expense	
	Corporate Expense	
	Misc Expense	
	Operating Taxes	
	Switch Support Assets	
	Other Support Assets	
P&C Factor		
	Circuit P&C	
	Switch P&C	
Common Cost Factor		
	Percent of Cost	
FCC Forward Looking Expense Adjustment Factor		
	Switching Forward-Looking Adjustment	
	Circuit Equipment Forward-Looking Adjustment	
	Copper Cable Forward-Looking Adjustment	
	Fiber Cable Forward-Looking Adjustment	
	Network Operations Forward-Looking Adjustment	
	Access Expense Forward-Looking Adjustment	
	Customer Service Expense Forward-Looking Adjustment	
	Sales & Marketing Expense Forward-Looking Adjustment	
	Corporate Expense Forward-Looking Adjustment	
	Misc Expenses Forward-Looking Adjustment	
	Operating Taxes Forward-Looking Adjustments	
	Support Assets Forward-Looking Adjustment	

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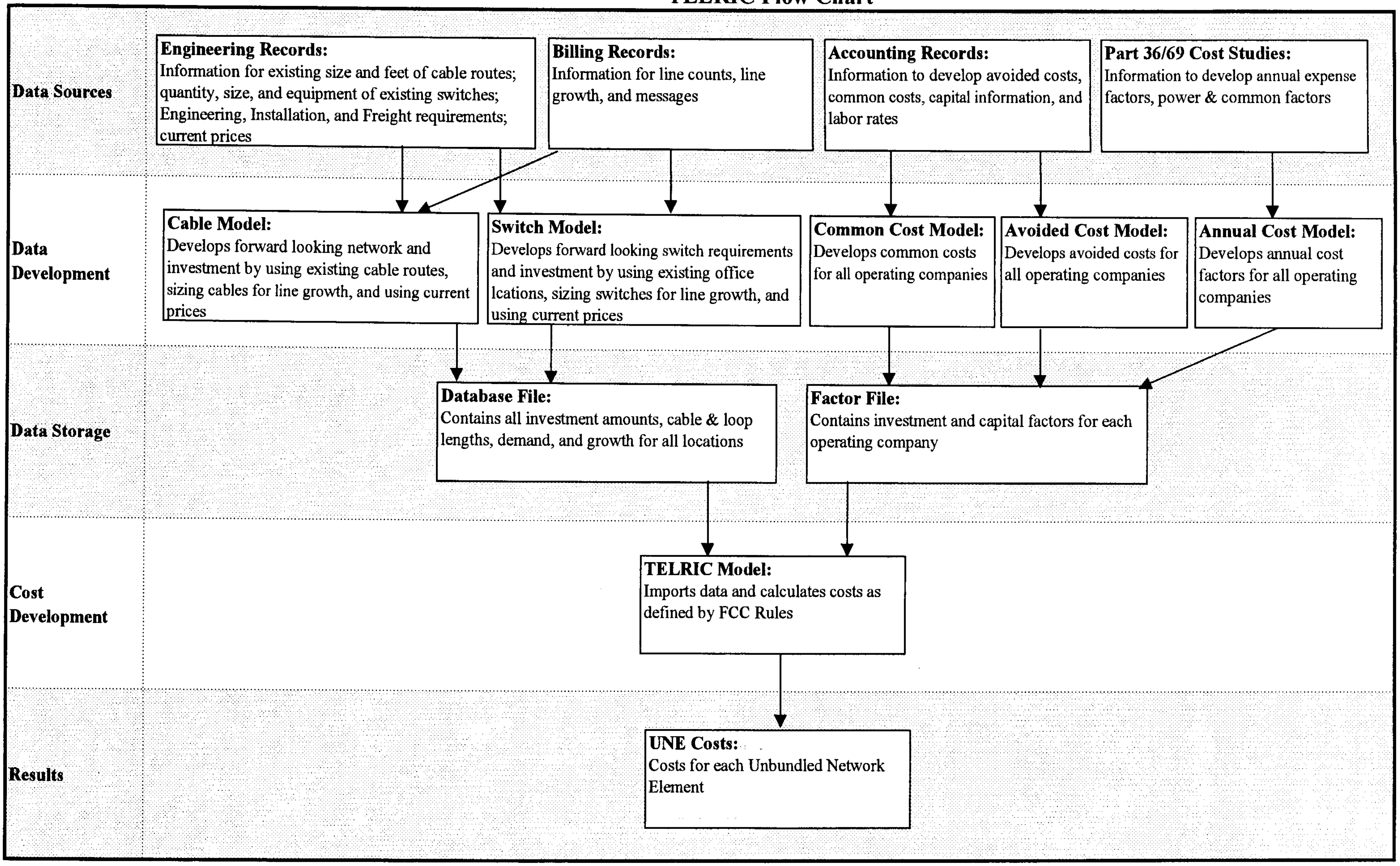
2. Information regarding the model, including a description of the model inputs and a manual for the model's use. This description should include all engineering assumptions.

Total Element Long Run Incremental Cost Methodology and Procedures for Unbundled Network Elements and Collocation

TELRIC Flow Chart



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Unbundled Network Element Description

Rate Element	Rate Description	Billable Unit	Type of Charge	Materials Include
1. Local Loop	Lines connecting NIDs to switch ports	Lines	RC	Aerial & buried cable, UG cable, aerial & buried drop, fiber cable & equipment, concentrator units, and all support equipment
2. Port Connection	Connects loop to switching functions	Lines	RC	Mainframe, line cards, protection, channel banks & units
3. End Office Switching	Process calls and access other services	Minutes	RC	Host & remote hardware & software, power, trunks, carrier frames & modules, remote spans, multiplexers, call management services, generators, test equipment, and Special Software: Centrex, CLASS, etc.
4. Tandem Switching	Trunk to trunk connection between switches	Tandem Minutes	RC	Dedicated and portion of shared hardware and software of 100/200 digital switch
5. Interoffice Transmission Facilities	Cable connection between switches	IX Minutes	RC	Fiber cable, concentrators, repeaters, or any other equipment on IX cable facility
6. Network Interface Device	Connects loop facilities to inside wiring	NIDS	RC	Network Interface Devices
7. Signaling Networks & Databases	Signaling links, transfer points, and databases	Messages	RC	All hardware and software for SS7 use
8. Operations Support Systems	Access to customer support systems	Messages	RC	No Costs Developed
9. Operator & Directory Assistance	Access to operators and directory assistance	Messages	RC	No Costs Developed

NOTES:

All Investment Costs Include: Material costs, sales tax, engineering, freight, installation, power equipment, common equipment, fill, and utilization.

Recurring Costs Include: Capital Costs = Direct & Common - Return on Investment, Depreciation, Income Taxes &
Expenses = Maintenance, Customer Operations, Corporate & Administrative, Operating Taxes

Nonrecurring Costs Include: Time to perform work function x average loaded labor rate of employees performing function.

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Definitions of Words Used In Document

WOMS - Work Order Management System
WOMS was designed to automate the work order budgeting process. Outside plant materials are chosen from tables and assigned quantity amounts, the program includes unit costs and unit install hours. Once the material is selected and the quantities input the program performs the math to develop the total investment and the hours needed.

CADE - Computer Aided Design and Engineering
A facility model that provides information about the items of plant in the field. All cable facility information is loaded in the CADE system. The system provides a graphic look at outside plant facilities.

MIROR - Mechanized Inventory Record Order Reconcilliation
MIROR is the automated repository for telephone numbers, cable pairs, loop treatment and pair gain lines.

ASAP - Access Services And Provisioning
The ASAP system supports requesting, ordering, designing, provisioning, delivery, servicing and billing of access and non-access communications services. It is the repository for all special access and trunking data.

DB2 - IBM Database Warehouse
Accounting data warehouse. This is a non-production database of our accounting, billing and access information.

Access Database - Microsoft Access
A database that contains all inputs for the TELRIC model.

Cost Model

ALLTEL's TELRIC cost development model is the basis for unbundled network element prices. It uses investment input from separate models that develop loop, switching, and IX cable facility investment costs. Total utilized investment is determined by adding additional investment costs, sales tax, fill, Engineering, Freight, & Installation, and Power & Common. Additional investment costs are those materials that are used during installation of the plant. Sales tax is based on specific rates for the study area. Fill factors are based on the number of spare facilities as a percent of total facilities. EF&I is based on current engineering studies and is the additional cost of placing plant in service. Power & Common is based on current central office records and is the additional cost of providing power and common equipment to central office investment.

Annual costs are calculated by determining the return on investment, income taxes, depreciation expense, maintenance expense, joint expenses, and common costs. Return is based on investment, less accumulated depreciation, times a composite of authorized state and interstate rate of returns.
Income tax is calculated by multiplying the return times a composite of state and interstate effective tax rates.
Depreciation is calculated by using the straight-line method over the economic life of the investment.
Maintenance expense is the direct cost of maintaining the investment and is calculated by multiplying utilized investment times an annual maintenance carrying charge factor. Joint expense is the ongoing cost of engineering the network, general support facilities, and property taxes, which is calculated by by multiplying utilized investment times an annual carrying charge factor for each expense. Common costs are those that cannot be attributed to any service and is calculated by multiplying total direct direct costs times a percent of common costs to total revenue. The sum of each of these costs derives total annual costs for each investment category.
For loop costs, a cost per foot is determined by dividing each type of cable's annual cost by total cable footage. The average loop length of each type of service is then multiplied by the cost per foot to determine the cost of each loop type. IX cable costs are divided by total interexchange minutes to determine the cost per minute. Total port costs are divided by working loops of the area to determine port cost per loop.
Total switch costs are divided by originating and terminating minutes to determine switch costs per minute.
Total tandem costs are divided by tandem minutes to determine cost per minute. Costs for each element are generated for a selected Exchange, Zone A, Zone B, Zone C, and Total Company.

Inputs:

Loop Investment - by type of cable and exchange
Switch Investment - by exchange
IX Cable Investment - by type of cable and exchange
Other Material %, EF&I Information, Fill Factor, Power & Common Factor , Utilization Factor
Rate of Return, Tax Factors, Economic Life, Salvage %
Expense Factors
Cable Length - by type of cable and exchange
Loop Length - by service and exchange
Loop and Circuit Demand - by service and exchange
Usage Demand and Growth Factors - by exchange
Termination Equipment Prices
Zone Criteria
Labor Information - by department

Assumptions:

Results:

Monthly Cost per:
Loop, Port, NID, End Office Switch Minute, Tandem Switch Minute,
Common & Dedicated Transport Minute

Cable Investment

ALLTEL's Work Order Management System (WOMS) program is the basis for loop and interexchange cable investment. The program was developed by the Outside Plant Engineering Department. This Visual Basic program is designed to develop work order costs. For TELRIC purposes, WOMS is used to develop the cost of building all new exchange cable facilities by using existing network configurations and current ALLTEL Supply prices. To determine investment costs, the model multiplies current prices by the quantity of facilities needed to provide service to existing customer locations. The CABLEWIR program determines which routes have multiple cables. The program groups multiple cables by section and determines the necessary cable size to replace the multiple cables with one cable of the appropriate size.

Comp	Exch	FromLead	FromStru	ToLead	ToStru	Size	Length	Gauge	Account	RcdCnt
26	31	006N	5	006N	6	600	546	24	14742	
26	31	006N	5	006N	604	12	386	22	14742	
26	31	006N	5	006N	504	25	196	22	14742	
26	31	006N	5	006N	6	637	546		14742	3

In the above example, the fourth line represents the new cable. It has been sized to replace the other three cables that exist in the same space. The new record would be added to the cable data to be priced and the three other records are removed from the cable data to be priced.

Once the Cablewir.exe program has been run and the results have been netted with the initial cable data, the data is ready for the Telric Feeder program.
The program imports the cable data for one exchange.
The data is grouped by "From Lead" and "To Lead", when they match the cable lengths are summed.
The records that total "0" above (do not match), are then moved to results, they will not be changed
The records are then sorted by fiber and copper
The fiber records that are greater than or equal to 14 fibers are moved to results also
Two copies of the remaining records are made, one copy has its size, gauge and account changed to fiber
The other copy has its cable length reduced by half
The modified data is then copied to results and is exported back to the database
The "0" records and the halved records become the distribution cables and the fiber is the feeder cables

Next run the DLC report. This report uses the Telric Feeder output data to determine the number of DLC's to place in each exchange. Cables are grouped by major lead, a DLC is placed every 18,000' one DLC is placed. An addition DLC is placed on those routes where the end of the cable is greater than 9,000' beyond the last DLC but less than 18,000'. All cables used in these calculations are fiber cables. The size of the DLC's is determined by dividing the number of access lines by the number of DLC's.

The resulting cable reports are input into WOMS where investment costs are determined without multiples. The Loop2 program determines the number of samples necessary for a valid study. The program chooses a list of phone numbers from all working numbers by class of service. The cable and pair data is then obtained from the MIROR program. This provides information needed to find circuits in the CADE system to determine the average cable lengths by service type. For private line services, an average length of all working circuits, by service, is used. Total cable footage by type of cable (aerial, buried, etc) is also determined. This cost can then be applied to the individual services. The investment in local fiber electronics is determined by obtaining existing equipment quantities from ASAP and the Cable & Wire Facility data and inputting them into our model. The model calculates the investment in fiber electronics based on ALLTEL's costs.
Loop costs and Interoffice Transmission Facility (IX) costs are separated based on an analysis of each cable. All IX cable costs are determined with fiber prices. Additionally, the investment in fiber electronics is determined determined by obtaining existing equipment quantities from ASAP and inputting them into our model. The model calculates the investment in fiber electronics based on ALLTEL's costs.

Total Element Long Run Incremental Cost Methodology

Inputs:

Cable make-up (size, gauge, feet, year), manholes, conduit, and poles.
Current ALLTEL Supply cable and supporting structure prices.
Usage study results that determine loop cable facilities.
Usage study results that determine loop feeder or loop distribution facilities.
Access lines in service.

Assumptions:

All feeder replaced with appropriate fiber cable.
All distribution replaced with appropriate size and gauge of copper cable.
All IX cables are priced with fiber prices.
Multiple cables on the same route replaced with one cable of appropriate size.

Results:

Total loop investment by cable type for input to cost model
Total interexchange cable investment for input to cost model.

Switching Investment

The Switching model is designed to provide the cost of installing a new switch in existing office locations within an exchange. Investment costs are based on current ALLTEL prices for the appropriate size of a digital switch. To determine switching costs the model uses vendor ordering forms as a guide. All switch data required to populate model inputs, listed below, reside in a database. Current switch size is the base to which a five-year cumulative growth factor for both access lines & trunks is applied to determine a forward looking switch investment. Any switching equipment that is used for loop enhancement is added to loop costs. Port (line side termination), usage (switching), Tandem and Signaling are separated based on an analysis of the equipment.

Inputs:

Existing switch types, remotes, peripheral equipment and special features.
Current vendor prices of all switch types, peripherals and special features.
Lines - equipped, installed, working.
Digital Concentrators deployed.
Onan Generator Setup and Test Units.
Rates for Engineering, Installation, Taxes and Freight
Originating and terminating minutes of use.
Interstate and Intrastate messages.
Equipment categorization study.
Access Line and Trunk growth factors.

Assumptions:

All non-digital switches replaced with properly sized digital switches
Current host and remote switch locations remain
Prices based on current technology
CLASS features are standard on 25 percent of working lines.
A Business Management Computer (BMC) provisioned on all host or HSO switches.
Onan generators are standard on all ESA switch locations.
Standard Test Equipment provisioned at all locations.
ISDN BRI is standard
All concentrators are digital AccessNodes.
Line growth is five years cumulative, based on line forecasts.
Trunk growth is five years cumulative, based on the ALLTEL regional Trunk Forecast.
Trunk capacity based on engineering projections.
NID installation is standardized at one half (1/2) hour labor.
Switch MOU is comprised of Toll, Eas & Local Mou for all switches in the study.
Tandem MOU includes MOUs of all switches that utilize the tandem

Results:

Total switching investment for input to cost model.

TELRIC Switching Cost Development

rmine Exchange Locations:
to I:\EconCosts\Data\Costdata\Exchange.mdb
Run the report "Exchange Listing By Host" to determine existing switch locations by Exchange.

Growth Rates:
Contact the Regional Traffic Engineering group and the Marketing Network Services group for the study area and request the most current Trunk Forecast and Access Line Forecast for the study exchanges.
Go to I:\EconCosts\Telric\COE\Forcast.mdb
Input the current year and five years forward trunking and access line counts.

Equipped Line Counts:
Download the Equipped Line counts from MIROR and populate Exchange.mdb

Concentrator quantities:
Obtain a copy of the "Report of Concentrators by Exchange and Size" which is produced in I:\EconCosts\Data\Costdata\Telric_Cable.mdb

DTC/DTCI Trunking:
Go to I:\/EconCosts\Telric\COE\Misc Switching Data.mdb to obtain the number of Toll, EAS & Local trunks in each exchange.

Prepare Switch Model Inputs:
Go to I:\EconCosts\Telric\COE\xx2000.xls Do a Save As and rename the file for the current study area.

to the DTC Trunks tab and modify it for the current study exchanges, then populate it with DTC/DTCI Trunking data, actual remotes xchange, and number of AccessNodes from the Report of Concentrators by Exchange and Size report.

Go to the Lines tab, press the Update Data button to run a macro to import Equipped Lines and Card Type Percentages from the Misc Switching Data.mdb LNP Software investment is automatically calculated.

Go to the Switch Inputs tab and modify it for the current study Host & Remote switches. All pertinent switching data is entered here by exchange: the number of remotes, the number of AccessNodes, office type (Host, Remote, Standalone), line & trunk growth rates, wired line count (equals equipped lines), DTCs, DTCIs, DS1 I/F cards, LTCs and their DS1 I/F cards, SMAs and their DS1 I/F cards, along with picks for SS7, LPP/CCS7, BMC, ACD, CLASS, MDC, Switch 56, Switch 64, IDSN capability, Test and power equipment. This information will be used to run the ACCESS Switch Model.

Switch Model:
Go to I:\EconCosts\Telric\COE\Switch Model.mdb Data Input form.
Pick the Company Name and Exchange Name then key the Switch Type.
Populate all Switch Model tabs for each switch using information from the Switch Inputs tab of xx2000.xls
When all tabs are populated for every switch in the study area, go to queries and run:
Q2 - Make_Total_Table
Q3 - Make_Concentrator_Table
Q4 - Make Table "Switching Results"
Go to Reports and run the Switch Cost By Exchange report.

to I:\EconCosts\Telric\COE\xx2000.xls
Go to tab xx Input adj's

From the Switch Cost by Exchange Report - page 2 - Switch Elements Detail, transfer each exchanges Switch Port Material to Switch Port Switching (column B). Then transfer each exchanges Switch - Usage Material to End Office Switching (column F.)

AccessNode Investment (Concentrators):

ɔ I:\EconCosts\Telric\COE\xxnodes.xls Do a Save As and rename the file for the current study area.

Modify the tabs in xxnodes.xls for the exchanges in the current study area. Using the "Concentrator Listing by Exchange" report (See Concentrator quantities) populate the various exchange tabs with the number of concentrators and Equipped Lines. Pick the # of CDS (for POTS Lines) or # of UE (for UE900 lines) needed for each exchange. Results directly link to the Total xx AccessNodes tab.

Copy the Line Card Investment $ times the number of concentrators to Concentrator Line Card $ (Column C) of I:\EconCosts\Telric\COE\xxnodes.xls

ELEMENT COST feeder Database Input:

Go to I:\EconCosts\Data\Costdata\Exchange.mdb

Go to Forms

Open UNE/BNF Input Forms

Transfer data from the Switching Results table in I:\EconCosts\Telric\COE\Switch Model.mdb to the UNE/BNF Input Forms for each exchange.

Transfer adjusted Concentrators investment from I:\EconCosts\Telric\COE\xxnodes.xls\Total xx AccessNodes tab to the UNE/BNF Input Forms for each exchange.

~~nsfer LNP Software investment from I:\EconCosts\Telric\COE\xx2000.xls Lines tab to the UNE/BNF Input Forms for each exchange.

Transfer the adjusted Switch Port Switching and adjusted End Office Switching from I:\EconCosts\Telric\COE\xx2000.xls xx Input adj's tab to the UNE/BNF Input Forms for each exchange.

Transfer type A, B, C, D & ISDN Line Card Investment from I:\EconCosts\Telric\COE\xx2000.xls Lines tab to the UNE/BNF Input Forms for each exchange.

TELRIC Procedures

Cable & Wire TELRIC Study

1. Exchange numbers used in the study are determined
2. OSP data is downloaded from CADE and entered in Access database
3. Preliminary queries are run to cleanup cable types and sizes for input to WOMS
4. Two Cable & Wire programs are run and saved
5. Sorting & subtotaling is performed on results of Cable & Wire files and input to WOMS
6. IX maps are developed for each exchange with cables and footage's by using I/O maps as a guide,
7. Results are sorted and subtotaled then input to WOMS.
8. IX Electronics are determined by using various ASAP reports then input to Access database.
9. Access Lines are used to calculate Drop Wire amounts and input to WOMS .
10. WOMS output includes loop investment, IX investment, drop wire investment and install hours for each piece. Results are entered in Access database.
11. Private line data, including circuit length, is downloaded from ASAP.
12. POTS data, including phone number, is downloaded from DB2.
13. The loop and circuit sample size is determined by using a random sample program in Excel.
14. Private line circuit lengths are averaged by type of circuit and input to Access database.
15. Determine the POTS circuit cable, cable pair and terminal information by using MIROR .
16. Determine the cable makeup and length by looking up circuits in CADE.
17. Average the pots circuit lengths and input into Access database.
18. Results are input to Access database for use by cost model.

Central Office Equipment TELRIC Study

1. Determine current Host & Remote switch placements for the Exchange using Engineering information.
2. Calculate growth rates for Access Lines & Trunks using the most current issue of the line and trunk forecasts. This is used to develop a five year forward looking cumulative growth rate.
3. Obtain working & equipped line cards by Exchange from MIROR. This reflects current Access line data by line card type.
4. Access database is populated with MIROR data line card data.
5. Switch link data is obtained by location from ASAP.
6. DTC Trunks are entered in Excel file with trunking, remotes and concentrator quantities. This file determines the number of DTC/DTCI, LGC, SMA and SMC controllers and I/F cards needed to populate the ALLTEL Switch Model.
7. Switch Model Input Sheets are populated with Line Card Information, line and trunk growth rates, trunk controllers, I/F card quantities, and any other features specific to each switch in the network.
8. Switch Model is run for each switch in the Exchange using the Switch Model Input Sheets. This model uses ALLTEL specific NORTEL pricing to completely cost the switches at today's prices and the most current generic software release.
9. Minutes of Use are obtained from the latest available Traffic Study.
10. Messages are obtained from the CABS Access database file.
11. Results are input to database for use by cost model.

Infomaker (downloads embedded copper and fiber cable records from CAD-E)

Access (imports downloaded data into access)

Import Data
I:\ Econ Costs\ Data\ Cost Data\ OSPCPR.mdb
File – Get External Data □ Import
Change file type to "Text"
Click on "Import"
Click on "Advanced"
Click on "Specs"
If importing copper file □ choose "Copper Import Specifications"
If importing fiber file □ choose "Fiber Import Specifications"
Click "Okay"
Click "Finish"

Append Data
I:\Econ Costs\ Data\ Cost Data\ OSPCPR.mdb

Queries: "Append Import Data" □ Design
(Appending to CAD-E Raw Data Table
Be sure query type is "Append"
Right click on existing table □ choose "Remove Table"
In "Field" row change Company # and Exchange # as needed
Right click in gray area at top □ choose "Show Table"
Pick current exchange
Double click in header to highlight all fields, then drag to
"Company" field
Append Query is now ready to run □ choose (!) to run it

Run 3 Queries

1) ***Make Table – Backup of CADE Download-Raw" data
You can't just run this. Go into design view, put company number on Criteria line. Click on Query type – name table to

2) A1_1 Make Table – Make CAD-E data numeric

Check Cable_Main. If current company data is there, delete it prior to running query A1_2

3) A1_2 Append CAD-E data to Cable_Main

Run Cablewir.exe Program

Open OSPCPR.mdb
Forms: Main Menu
Click button for "Remove Data from Cable_Table and
appends new exchange data"
Input Exchange Number
Minimize screen

Open Cablewir.exe Program

Click on each report (Aerial, Buried & Underground) and run for each exchange. To run reports □ Input company # and exchange #, then click on "Search" twice. When search is complete choose "Save as" to I:\Econ Costs\ Worksheets\ Cable\ "state"\ $###****

$ = Type – A(aerial), B(Buried) or U(Underground)
= Company # (158 = Ohio)
**** = Exchange #

Change file type to "Excel with headers"

After 3 reports are run for current exchange go back to Cablewir.exe Program and proceed with next exchange.

After Cablewir.exe program is completed for all exchanges and types, roll all aerial excel files into 1 aerial excel file and all buried excel files into 1 buried excel file and all underground excel files into 1 underground excel file. Results will be all aerial data will be in one aerial file and same for buried and underground.

Once you have completed running the Cablewir.exe program on all exchanges and have summarized the results by "Aeria

WOMS Cable Update.mdb in the "Worksheets\Cable" directory.

Import the Aerial, Buried and Underground Excel files into Access by the following steps:

Query – "Delete Data in Detail Table"

File □ Get External Data □ Import
Change file type to Excel
Choose filename (###Aerial, ###Buried, ###Underground)
Choose Import
Check box for "First Row as Heading"
Click Finish

Repeat for each file.

Next, you will append these files to the Detail file by the following steps:

Queries □ New □ Design View

Choose first file (###Aerial)
Click on "Add" then "Close"
In heading area of table double click to select all fields
Hold down mouse button and drag to first column below
Change Query type to "Append"
Choose "Detail" as table to append to
Append the fields as follows:

Extcompany	to	Company
Extexchange	to	Exchange
Extlead	to	FromLead
Extfrom	to	FromStructure
Extto	to	ToStructure
Extcablesize	to	Size
Extcablelength	to	Length

Extcablegauge	to	Gauge
Extaccountnumber	to	Account
Extrec_cnt	to	RecordCount
Extsumlength	skip	
Exttolead	to	ToLead

Run Query

Repeat for each file (###Buried, ###Underground)

WOMS_Cable_Update.mdb

Forms:

"Correct cable sizes over 3000 pair"

1. Update table data
2. Choose an exchange
3. Run cable update (ignore error msgs)
4. Append to Summary (After this is done, you will see exchange twice, once with name to right of exchange number.

Queries:

A1_1 Remove data from Cable Input Table
A1_2 Copy data from Cable Main to Cable Input
A1_3 Make Table – Combined Detail/Summary/Cable Input
A1_4 Append Detail data to Combined table
A1_5 Append Summary data to Combined table
A1_6 Update missing cable gauge
A1_7 Remove data from Cable_Main_Telric table
A1_8 Append Combined to Cable_ Main_Telric table

Verify Access Lines are entered in Interexchange.mdb for current company!
If they are go on to "Ready to Run Feeder Program". If they are not then

Retrieve Access Lines

DOA Reports for the necessary exchanges are run overnight in MIROR

Download DOA reports from MIROR

Copy the text file to the appropriate directory under I:\Economic Costs\Worksheets\MIROR.

Open "Editmirr.xls" spreadsheet. This spreadsheet will summarize and format the text data for import into the database.

Import the saved excel spreadsheet into the I:\Economic Costs\data\costdata\Miror Data.mdb database.

Run query "0 – Empty Download Data Table"
Append the data into the Miror Download table.

Run queries 1 – 2. If query 2 returns errors you must go to the Exchange database and make any corrections or additions necessary.

Run queries 3 through 7. Query 7 produces the Access Line numbers. The numbers are stored in the Access Line table in the following database: I:\Economic Costs\TELRIC\COE\Misc Switching Data.mdb. Thi

This information is input to:
I:\ Economic Costs\ Worksheet\ Cable\ Interexchange.mdb
Forms: Input Access Lines

Ready to Run "Feeder Program"

Telric_Cable.mdb
Forms: Main Menu
"Update New Company"
"Change Exchange Data"
"Run Feeder Program"
"Import Data" - This imports data into "Cable_Results"

Determine number of DLCs

After all exchanges are imported, select "Preview DLC Report", This produces the "Concentrator Listing by Exchange" report ("Report of Concentrators by Exchange and Size"). Print and give to Jim F.

Summarize Feeder Output

Woms_Cable_Update.mdb

Run Queries

1. ES1_0	Purge data in Summary table.
2. ES1_0_1	Make Table Grow Cable Sizes 0% (Grown Cable Results)
3. ES1_0_2	Append Fiber to Grown Cable Results
4. ES1_0_3	Append Grown Cable Results to Summary
5. ES1_1	Update Summary Cable sizes (1-400)
6. ES1_2	Update Summary Cable sizes (401-3000)
7. ES1_3_1	Populate Gauge Field <=1200
8. ES1_3_2	Populate Gauge Field >1200
9. ES1_4	Sort Exchange Summary – Makes Test WOMS Cable
10. ES2_1	Sort Cable for WOMS Input – Update Inplace Codes – 1
11. ES2_2	Sort Cable for WOMS Input – Update Inplace Codes – 2
12. ES2_3	Sort Cable for WOMS Input – Update Inplace Codes – 3
13. ES2_4	Sort Cable for WOMS Input – Update Inplace Codes – 4
14. ES2_5	Sort Cable for WOMS Input – Update Inplace Codes – 5
15. ES2_6	Sort Cable for WOMS Input – Update Inplace Codes – 6
16. ES2_7	Sort Cable for WOMS Input – Update Inplace Codes – 7
17. ES2_8	Sort Cable for WOMS Input – Update Inplace Codes – 8
18. ES2_9_1	Sort Cable for WOMS Input – Update Inplace Codes – 9
19. ES2_9_2	Sort Cable for WOMS Input – Update Inplace Codes – 10

Skip ES3_1

20. ES3_2 WOMS Exchange Summary Input Data – Make Table
21. ES3_3 Test WOMS Exchange Summary Input Table

Print the output of Query ES3_3. These are the codes that need to be changed to match what is in the "Inplace" Table. Loc

Update Codes in "Summary" table by these steps:
1. Queries: New, Design View
2. Remove Existing Table, if necessary
3. Show Table: Summary
Pick fields from box –
Size, Gauge & Account – Drag into bottom area
4. On "Criteria" row enter first item info to be changed
Ex: BFC 12-19 (BFC = 14742 copper, 14746 fiber)

	Size:	Gauge:	Account:
Criteria	12	19	14742

Be sure query is a "select" query and run. (!)

This will now list the record that contain "BFC12-19" and need
To be changed to the proper code found in the Inplace table.

From here click on "Design View" (upper left corner).
Change query type to "Update Query"

On "Update To" line make necessary changes and run again.
A prompt will tell you how many records are being updated. This
number should match the number in your select query above.

Continue until all codes are corrected.

Now go back to queries and rerun beginning with ES1_4 and
Continuing through ES3_3 (again, skip ES3_1.)

Continue the process until Query ES3_3 "Test WOMS Exchange Summary Input Table" produces no incorrect codes.

Query: "Delete All Data in Detail Table"

Go To: Interexchange.mdb and run queries 1 thru 9-3.
(First check to see if they have already been run)

Go back to WOMS Cable Update.mdb

Queries:
EC1_1 – Make table – WOMS Combined from Detail data
EC1_2 – Append IX data to WOMS Combined
EC1_3 – Append Summary data to WOMS Combined
EC1_4 – Make "Item" field 8 char.
EC1_5 – Delete data in WOMS Combined Exchange table
EC1_6 – WOMS Combined Exchange table - Append
EC1_7 – Make "Item" field 8 char.

Exit WOMS_Cable_Update.mdb

Move Data to WOMS

Open WOMS97.mdb

Open Budline table and delete all data for current company.

Run Query "Append Interexchange Cables by Exchange to Budline."

Run Query "Append WOMS Combined Exchange Table to Budline."

Delete all data in "Drop Wire" Table.

Run Query "Test Query – Drop."

Go to Repo WOMS Summary Report

Select Preview and enter Co. #, dash, . (026-*)
Print this report.

Go to Tables: Open "Drop Wire"

On the report you printed there is a heading in the middle of the page called "Drop Wire Inputs". There are two numbers 026-0313 in Drop Wire table would be 026-0311 Loop or 026-0312-IX in the report. Once the Drop Wire table is populat

Run WOMS Summary Reports again.

The reports are then input into the UNE/BNF Input forms in the Exchange.mdb database.
Run query "Budline Without Matching test Cable Totals"
Any cables that are in results must be added to "Test Cable Totals" table.

Run Report "UNE Input of Total Cable Footages"
Item code format: ###-* (3 digit company # plus dash plus *)
Input data from this report to Tables in database
Exchange.mdb
UNE/BNF Input Form
Usage & Feet Tab
Loop Aerial Pair Feet and
Exchange Square Miles

Run Report "Access Lines & NIDS by Exchange"
Input data from this report to Tables in database:
Exchange.mdb
UNE/BNF Input Form

Retrieving Trunk and Facility data from ASAP

1. To Get Exchange List Sheet
I:\Economic Costs\ Data CostData\ Exchange.mdb
Run report: "Exchange Listing – for running Telric Reports"

2. Open ASAP
Desktop Icon: "NE_View" or "SW_View"
Or
I:\ General\ Sep\ ASAP\ Cost\ SW_View.exe
NE_View.exe

3. Click on "Reports" (upper left corner)
Choose proper reports:
"Channel_Usage_by_Exchange_Telric"
"Facility_Counts_by_Exchange_Telric"
" H_C_by_Exchange_Telric"

Input CLLI code from listing and after report runs, print it

Also, print the "H/R LINKS BY OPERATING COMPANY NUMBER" report.

This information is input to:
I:\ Economic Costs\ Worksheet\ Cable\ Interexchange.mdb
Forms: Input Electronics

Retrieving Private Line Loops and Length data from ASAP

Click on "Queries"
Choose proper query:
q_cable_length_2
query_specials_by_company

Run and save results to I:\Econ Cost\ Worksheets\ Loop\ (company name)

Open ASAPDATA.mdb (I:\Econ Cost\ Worksheets\ Loop)

Import results of "q_cable_length_2"

Build a Summary Query

Run "Make Table..." Query

Open "LOOPSTUDY" mdb (I:\Econ Cost\ Worksheets\ Loop)

Import results of "query_specials_by_company"

Run Queries:

1. 1_Delete Data in Ploops Table
2. Delete Entries in Download Table
3. Append Imported Data into Download Table
4. 2_Sort Private Lines A
5. 3_Sort Private Lines Z
6. 3_1 Update 2_Wire digital to 4_Wire
7. 4_Update OC3 to DS3
8. 5_Update DS4 to DS3
9. 6_Update Local PL Loops
10. 6_1 Update IX PL Loops
11. A_4 Append PL Loop Data to Loop Summary by Exchange
12. Private Lines with Length's

Save query results to Excel, average data by service type. Average all DS0 circuit lengths.

This information is input to:
I:\ Economic Costs\ Worksheet\ Cable\ Interexchange.mdb
Forms: Input Electronics

Run "Loop Summary Table Report by Exchange"

This information is input to:
I:\ Economic Costs\ Worksheet\ Cable\ Interexchange.mdb
Forms: Input Electronics

Retrieve Link data from Switching

Open "co"2000 \ DTC Trunks

Pull Host Remote and DTC Links by Exchange

This information is input to:
I:\ Economic Costs\ Worksheet\ Cable\ Interexchange.mdb
Forms: Input Electronics

Run "Summarize Electronic Data" Report (I:\Econ Cost \Worksheet\ Cable\ Interexchange.mdb)

Enter this data into Exchange.mdb
□ UNE/BNF Input Forms

Retrieve Interexchange Miles

Run Query 9-51 (I:\Econ Cost \Worksheet\ Cable\ Interexchange.mdb)