

REPORT OF INDEPENDENT AUDITORS AND CONSOLIDATED FINANCIAL STATEMENTS WITH SUPPLEMENTARY CONSOLIDATING SCHEDULES

LOGAN TELEPHONE COOPERATIVE, INC. AND SUBSIDIARY

December 31, 2019 and 2018



Table of Contents

	PAGE
Report of Independent Auditors	1–2
Consolidated Financial Statements	
Consolidated balance sheets	3–4
Consolidated statements of income	5
Consolidated statements of comprehensive income	6
Consolidated statements of members' equity	7
Consolidated statements of cash flows	8–9
Notes to consolidated financial statements	10–24
Supplementary Information	
Report of independent auditors on supplementary information	25
Consolidating balance sheet detail	26–27
Consolidating statement of income detail	28



Report of Independent Auditors

The Board of Directors
Logan Telephone Cooperative, Inc.

Report on the Financial Statements

We have audited the accompanying consolidated financial statements of Logan Telephone Cooperative, Inc. and its subsidiary, which comprise the consolidated balance sheets as of December 31, 2019 and 2018, and the related consolidated statements of income, comprehensive income, members' equity, and cash flows for the years then ended, and the related notes to the consolidated financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We did not audit the financial statements of Kentucky RSA 3 Cellular General Partnership, Cumberland Cellular Partnership, Bluegrass Telecom, LLC and Bluegrass Networks, LLC (the partnerships and limited liability companies). The investments in the partnerships and limited liability companies were \$46,194,607 and \$43,089,444 as of December 31, 2019 and 2018, respectively, and the equity in their net income was \$5,113,314 and \$4,403,769, respectively, for the years then ended. The financial statements of the partnerships and limited liability companies were audited by other auditors, whose report has been furnished to us, and our opinion, insofar as it relates to the amounts included for the partnerships and limited liability companies, is based solely on the report of the other auditors. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Logan Telephone Cooperative, Inc. and its subsidiary as of December 31, 2019 and 2018, and the results of their operations and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Overland Park, Kansas

MOSS ADAMS LLP

March 20, 2020



Logan Telephone Cooperative, Inc. Consolidated Balance Sheets

ASSETS

	December 31,				
	2019	2018			
CURRENT ASSETS					
Cash and cash equivalents	\$ 5,365,91	5 \$ 5,777,004			
Investments	230,82	1 275,052			
Accounts receivable					
Customers, net	6,13	•			
Interexchange carriers and NECA	515,68	2 762,363			
Related party and other	151,87				
Material and supplies	553,05				
Prepaid income taxes		- 147,812			
Other current assets	172,80	3 173,510			
Total current assets	6,996,27	9 7,774,065			
NONCURRENT ASSETS					
Investments in affiliates	46,194,60	7 43,089,444			
Long-term investments	3,225,86	5 2,986,619			
Other noncurrent assets	629,70	0 614,668			
Total noncurrent assets	50,050,17	2 46,690,731			
PROPERTY, PLANT, AND EQUIPMENT					
Regulated plant in service	68,868,66	6 67,355,672			
Regulated plant under construction	3,616,31	2 3,493,410			
Nonregulated plant in service	447,86	4 353,975			
	72,932,84	2 71,203,057			
Less accumulated depreciation	34,173,85	3 35,462,535			
Net property, plant, and equipment	38,758,98	9 35,740,522			
Total assets	\$ 95,805,44	0 \$ 90,205,318			

LIABILITIES AND MEMBERS' EQUITY

	December 31,				
	 2019	2018			
CURRENT LIABILITIES	 				
Accounts payable	\$ 832,391	\$	1,082,084		
Advance billing and customer deposits	183,617		163,863		
Accrued income taxes	197,079		-		
Other current liabilities	 405,834		369,755		
Total current liabilities	 1,618,921		1,615,702		
NONCURRENT LIABILITIES					
Deferred income taxes	2,028,065		1,807,391		
Postretirement benefit obligation	 868,648		988,626		
Total noncurrent liabilities	 2,896,713		2,796,017		
MEMBERS' EQUITY					
Memberships issued	5,130		5,009		
Patronage capital	25,020,162		23,056,775		
Retained margins	68,167,089		64,615,013		
Accumulated other comprehensive loss	 (1,902,575)		(1,883,198)		
Total members' equity	 91,289,806		85,793,599		
Total liabilities and members' equity	\$ 95,805,440	\$	90,205,318		

Logan Telephone Cooperative, Inc. Consolidated Statements of Income

	Years Ended December 31,				
	2019	2018			
OPERATING REVENUES					
Wireline	\$ 9,220,534	\$ 8,836,591			
Internet	2,532,914	2,475,501			
Miscellaneous	376,189	459,145			
Net operating revenues	12,129,637	11,771,237			
OPERATING EXPENSES					
Plant specific	1,542,068	1,540,707			
Plant nonspecific	654,506	723,858			
Depreciation and amortization	3,376,908	3,284,799			
Customer	626,398	617,493			
Corporate	1,184,090	1,149,237			
Other operating taxes	486,520	444,044			
Nonregulated	2,307,370	2,154,736			
Total operating expenses	10,177,860	9,914,874			
Net operating margins	1,951,777	1,856,363			
NONOPERATING INCOME (EXPENSE)					
Income from affiliates	5,113,314	4,403,769			
Other nonoperating income (expense)	126,566	(9,865)			
Other investment income	170,209	102,523			
Nonoperating income	5,410,089	4,496,427			
NET MARGINS BEFORE INCOME TAXES	7,361,866	6,352,790			
Income tax expense	1,221,564	1,000,308			
NET MARGINS	\$ 6,140,302	\$ 5,352,482			

Logan Telephone Cooperative, Inc. Consolidated Statements of Comprehensive Income

	Years Ended December 31 2019 2018		
	2010	2010	
Net margins	\$ 6,140,302	\$ 5,352,482	
Other comprehensive income (loss) Unrealized holding gains losses on investments arising during the year	-	(42,113)	
Postretirement healthcare benefits			
Net gain (loss) arising during the period	(948,628)	219,143	
Amortization of prior service obligation and net loss (gain)	1,008,818	(662,650)	
Other comprehensive income (loss)	60,190	(485,620)	
Comprehensive income	\$ 6,200,492	\$ 4,866,862	

Logan Telephone Cooperative, Inc. Consolidated Statements of Members' Equity

	nberships ssued	Patronage Capital	Retained Margins	-	ccumulated Other mprehensive Loss	Total Members' Equity
December 31, 2017	\$ 5,031	\$22,047,311	\$60,893,988	\$	(1,397,578)	\$ 81,548,752
Memberships issued Patronage capital refunds and	395	-	-		-	395
retirements Allocation of 2017	(417)	(621,993)	-		-	(622,410)
Patronage margin	_	1,631,457	(1,631,457)		-	-
Net margins	-	-	5,352,482		-	5,352,482
Other comprehensive loss				_	(485,620)	(485,620)
December 31, 2018	5,009	23,056,775	64,615,013		(1,883,198)	85,793,599
Memberships issued	512	-	-		-	512
ASU 2016-01 transition adjustment Patronage capital refunds and			79,567		(79,567)	-
retirements	(391)	(704,406)	-		-	(704,797)
Allocation of 2018			(0.00= =00)			
Patronage margin	-	2,667,793	(2,667,793)		-	-
Net margins	-	-	6,140,302		-	6,140,302
Other comprehensive income	 			_	60,190	60,190
December 31, 2019	\$ 5,130	\$25,020,162	\$68,167,089	\$	(1,902,575)	\$ 91,289,806

Logan Telephone Cooperative, Inc. Consolidated Statements of Cash Flows

	Years Ended December 31,			
		2019		2018
CASH FLOWS FROM OPERATING ACTIVITIES				
Net margins	\$	6,140,302	\$	5,352,482
Adjustments to reconcile net margin to cash	Ψ	0,1.0,002	Ψ	0,002,102
from operating activities				
Depreciation and amortization		3,376,908		3,284,799
Nonregulated depreciation		83,144		66,823
Amortization of bond premium/discount		5,837		10,300
Income from affiliates		(5,113,314)		(4,403,769)
Deferred income taxes		220,674		373,415
Changes in operating assets and liabilities				
Accounts receivable		280,859		(429,966)
Materials and supplies		90,167		60,824
Prepaid and accrued income taxes		147,812		443,893
Other current assets		707		(32,207)
Accounts payable		(249,693)		724,525
Advance billing and customer deposits		19,754		14,953
Other current liabilities		36,079		(33,779)
Distributions from investments in affiliates		2,008,150		4,724,539
Postretirement benefits		(59,788)		(151,745)
Net cash from operating activities		6,987,598		10,005,087
CASH FLOWS FROM INVESTING ACTIVITIES				
Additions to property, plant, and equipment		(6,478,516)		(5,942,566)
Purchase of investments		(1,031,557)		(333,635)
Proceeds from sales of investments		815,671		359,910
Net cash from investing activities		(6,694,402)		(5,916,291)
CASH FLOWS FROM FINANCING ACTIVITIES				
Capital credit retirements		(704,406)		(621,993)
Payment of members' subscriptions		(391)		(417)
Proceeds from members' contributions		`512 [´]		395
Net cash from financing activities		(704,285)		(622,015)

Logan Telephone Cooperative, Inc. Consolidated Statements of Cash Flows

	Years Ended December 31,			
		2019	2018	
NET CHANGE IN CASH AND CASH EQUIVALENTS	\$	(411,089)	\$	3,466,781
CASH AND CASH EQUIVALENTS, beginning of year		5,777,004		2,310,223
CASH AND CASH EQUIVALENTS, end of year	\$	5,365,915	\$	5,777,004
SUPPLEMENTAL DISCLOSURE OF CASH FLOWS INFORMATION Cash paid during the year for				
Income taxes	\$	656,000	\$	183,000
SUPPLEMENTAL DISCLOSURE OF NONCASH INVESTING AND FINANCING ACTIVITIES				
Unrealized losses on investments	\$	_	\$	42,113

Note 1 - Summary of Significant Accounting Policies

Organization

Logan Telephone Cooperative, Inc. (the Cooperative), a cooperative organized in the state of Kentucky, is a regulated local exchange telephone company providing telephone and internet service to approximately 5,100 members.

The Cellular Division of Logan Telephone Cooperative, Inc. (the Cellular Division), a corporation organized in the state of Kentucky, owns non-controlling interests in two partnerships and a limited liability company which provide cellular telephone service and long distance service to members as well as nonmembers of the Cooperative.

Principles of Consolidation

The accompanying consolidated financial statements include the accounts of the Cooperative and the Cellular Division, the consolidated group herein referred to as the "Cooperative". All significant intercompany balances and transactions have been eliminated.

Accounting Policies

The financial statements of the Cooperative have been prepared in conformity with accounting principles generally accepted in the United States of America applicable to regulated public utilities. Such accounting principles are consistent, in all material respects, with accounting prescribed by the Federal Communications Commission (FCC).

Accounting Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates. Significant estimates include depreciation expense, deferred income tax expense, postretirement benefit plan obligations, and interstate access revenue settlements and universal service support.

Cash and Cash Equivalents

For purposes of the consolidated statements of cash flows, the Cooperative considers all highly liquid investments with an original maturity of six months or less when purchased to be cash equivalents.

Concentration of Risk

At various times throughout the year, the cash balances deposited in local institutions exceed federally insured limits. A possible loss exists for those amounts in excess of \$250,000.

The Cooperative invests excess funds in repurchase agreements which are collateralized primarily by bonds of financial institutions. Such investment in repurchase agreements amounted to \$5,000,000 and \$4,600,000 as of December 31, 2019 and 2018, respectively. Collateral pledged on these investments in repurchase agreements amounted to \$5,202,378 and \$5,106,728 as of December 31, 2019 and 2018, respectively. Repurchase agreements have been included in cash and cash equivalents at both December 31, 2019 and 2018.

Note 1 – Summary of Significant Accounting Policies (continued)

Valuation of Accounts Receivable

Accounts receivable are stated at the amount management expects to collect on outstanding balances. The Cooperative reviews the collectability of accounts receivable annually based upon an analysis of outstanding receivables, historical collection information, and existing economic conditions. Receivables from subscribers are due 10 days after issuance of the bill and receivables from other exchange carriers are due 30 days after issuance of the bill. Management provides for probable uncollectible amounts through a charge to earnings and a credit to a valuation allowance based on its assessment of the current status of individual accounts. Balances that are still outstanding after management has used reasonable collection efforts are written off through a charge to the valuation allowance and a credit to accounts receivable. Company management believes it has established adequate reserves for any risk associated with these receivables. The allowance for doubtful accounts was \$500 at December 31, 2019 and 2018.

Material and Supplies

Material and supplies consist of construction materials, handsets and accessories held for resale, and other equipment, which are valued at the lower of average cost or net realizable value.

Investments in Affiliates

The Cooperative accounts for its investments in limited liability companies and other entities by the equity method of accounting under which the Cooperative's share of the net income of the affiliates is recognized as income in the Cooperative's income statement and added to the respective investment account. Under the equity method of accounting, dividends or returns of capital reduce the investment balance.

Other Investments

The Cooperative's policy for investment securities is as follows:

Securities, held to maturity – Debt securities to which the Cooperative has the positive intent and ability to hold to maturity are classified as held to maturity. Held to maturity securities are stated at amortized cost.

Securities, available for sale – Securities not classified as held to maturity or trading are classified as available for sale. Available for sale securities are stated at fair value, with unrealized gains and losses reported as other investment income on the consolidated statements of operations. Realized gains and losses are included in other investment income on the consolidated statements of operations and the cost of securities sold is determined using the specific identification method.

Property, Plant, and Equipment

Property, plant, and equipment are stated at original cost. Regulated plant includes assets that are jointly used for regulated and nonregulated activities. The cost of additions and substantial betterments of property, plant, and equipment is capitalized. The cost of maintenance and repairs is charged to operating expenses.

In accordance with composite group depreciation methodology, when a portion of the Cooperative's regulated depreciable property, plant, and equipment is retired in the ordinary course of business, the gross book value is charged to accumulated depreciation.

Note 1 – Summary of Significant Accounting Policies (continued)

Depreciation of the Cooperative's nonregulated plant is provided by the straight-line method over the estimated useful lives of the assets. Upon retirement, sale, or other disposition of nonregulated investments, the cost and related accumulated depreciation are removed from the related accounts and the resulting gains or losses are included in operations.

Long-lived Assets

Long-lived assets are reviewed whenever events or changes in circumstances indicate the carrying amount of the assets may not be recoverable. When such events occur, the Cooperative determines potential impairment by comparing the carrying value of its assets with the sum of the undiscounted cash flows expected to be provided by operating and eventually disposing of the asset. Should the sum of the expected future net cash flows be less than carrying values, the Cooperative would determine whether an impairment loss should be recognized. No impairment losses on long-lived assets have been identified in the consolidated financial statements.

Members' Equity

Patronage margins are assigned to members on a patronage basis in accordance with the Cooperative's bylaws. Nonpatronage margins, in addition to the net margins of the Cellular Division, are retained by the Cooperative and are not assignable to patrons until the Board of Directors determine otherwise. If authorized by the Board, a portion of total assigned patronage is distributed to members as a general retirement. The total amount retired is determined by Board resolution each year.

Comprehensive Income

Comprehensive income is defined as the change in equity of a business during a period as a result of net margins and other gains and losses affecting equity that, under accounting principles generally accepted in the United States of America, are excluded from net margins. Unrecognized actuarial adjustments in postretirement benefit plan obligations are included in other comprehensive income.

Income Taxes

In 2019 and 2018, the Cooperative was taxable for federal purposes. As a taxable cooperative, taxable income consists of margins earned from nonpatronage and nonoperating sources. Margins earned from patronage sources are not taxable to the extent margins are allocated to patrons in the form of capital credits. The Cellular Division is a taxable entity for federal and state income tax purposes.

Deferred taxes are provided on a liability method whereby deferred tax liabilities are recognized for taxable temporary differences, and deferred tax assets are recognized for deductible temporary differences. Temporary differences are the differences between the reported amounts of assets and liabilities and their tax basis. The differences relate primarily to differences in book basis and tax basis of partnership interests. The deferred tax assets and liabilities represent the future tax return consequences of those differences, which will either be taxable or deductible when the assets and liabilities are recovered or settled.

The Cooperative records uncertain tax positions if the likelihood the position will be sustained upon examination is less than 50 percent. As of December 31, 2019 and 2018, the Cooperative had no accrued amounts related to uncertain tax positions. Interest and penalties, if any, are recorded as interest expense and other expense, respectively.

Note 1 – Summary of Significant Accounting Policies (continued)

Recently Adopted Accounting Standards

Effective January 1, 2019, The Company adopted the following accounting standards.

Accounting Standards Codification ("ASC") 606, "Revenue from Contracts with Customers" ("ASC 606") on a modified retrospective basis. ASC 606 requires that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The standard also establishes a framework for allocating discounts between performance obligations and prescribes, through reference to ASC 340 "Other Assets and Deferred Costs", the capitalization of incremental costs of obtaining a contract with a customer and costs incurred in fulfilling a contract with a customer. Adoption of ASC 606 did not have a material effect on the Company's recognition of revenue, operating expenses or cash flows. See Note 6 for other disclosures required under ASC 606.

Accounting Standard Update 2016-01 "Financial Instruments". This standard requires companies to record changes in the fair value of equity instruments, except for those accounted for under the equity method, in net margins rather than accumulated other comprehensive income. The Company made a reclassification entry to move unrealized gains reported in accumulated other comprehensive income at the end of 2018, to retained margins as of January 1, 2019.

Accounting Standard Update 2016-15 "Statement of Cash Flows Topic 230". The Company is applying the cumulative earnings approach for its equity-method investments, which requires distributions received to be considered returns on investments and classified as operating in the consolidated statements of cash flows.

Revenue Recognition

The Company provides local telephone, network access and long-distance and broadband services to end user and enterprise customers within its geographic footprint. The majority of Company's end user customer revenue is based on month-to-month contracts while larger enterprise customers have contracts with defined terms of service that can range from one to five years.

The Company recognizes revenue for services as it provides the applicable service or when control of a product is transferred. Recognition of certain payments received in advance of services provided is deferred until the service is provided i.e. when the Company satisfies its performance obligation.

Customer contracts that include both equipment and services are evaluated to determine whether performance obligations are separable. If the performance obligations are deemed separable and separate earnings process exists, the total transaction price with the customer is allocated to each performance obligation based on the relative standalone selling price of the separate performance obligation. The standalone selling price is the price charged to similar customers for the individual services or equipment.

Local telephone and internet revenues are recognized over the period a customer is connected to the network. These services are generally billed in advance, but recognized in the month that service is provided.

Note 1 – Summary of Significant Accounting Policies (continued)

The Company offers bundle discounts to customers who receive multiple services. These bundle discounts are included in the total transaction price with the customer which is allocated to the various services in the bundled offering based on the standalone selling price of services included in each bundled offering.

Network access and long distance service revenues are derived from charges for access to the Company's local exchange network and also include settlements based on the Company's participation in the revenue pools administered by the National Exchange Carrier Association (NECA). Settlement revenues are determined by annually prepared separations and interstate access cost studies. These studies are prepared subsequent to year end and, therefore, the related revenues are recorded based on an estimate of the Company's costs, NECA pool earnings and on other assumptions related to information utilized in the preparation of the Company's cost study. The studies are subject to a 24-month pool earnings adjustment period and a review of the study by NECA. There was an insignificant revenue impact in 2019 and 2018 for adjustments related to prior-year differences between the recorded estimates and actual revenues. Management does not anticipate that 2019 and 2018 recorded revenues will require significant adjustments in future years.

Network access and long-distance services included within network access is billed in arrears based on per minute charges. Network access service revenue also includes universal service support revenue which is intended to compensate the Company for the high cost of providing rural telephone and broadband service. Universal service support revenue includes funds received for high cost loop support (HCLS), Connect America Fund Broadband Loop Support (CAF-BLS), Connect America Fund Intercarrier Compensation (CAF-ICC), and other miscellaneous programs. HCLS and CAF-BLS are based on the Cooperative's relative level of operating expense and plant investment. Support from the CAF-ICC is based on a historical frozen amount related to 2011 investment and expenses associated with the switching function and certain 2011 intrastate access revenues, which together make up the CAF-ICC base. The CAF-ICC base is reduced by 5% each year in determining CAF-ICC support.

Miscellaneous revenues include contractually determined arrangements for the provision of various services incident to the Company's core service offerings and are recognized in the period when the services are performed.

Regulation

The Cooperative's services are subject to rate regulation as follows:

- Local telephone and intrastate access revenues are regulated by the Kentucky Public Service Commission. The FCC also has assumed preemptive authority to regulate intrastate telecommunications services, including intrastate terminating access rates.
- Interstate access revenues are regulated by the FCC through its regulation of rates and settlements procedures as administered by NECA.
- Universal Service support revenues are administered by Universal Service Administrative Company (USAC), based on rules established by the FCC.

Note 1 – Summary of Significant Accounting Policies (continued)

Other sources of revenues are not rate regulated and include Internet, equipment sales, directory, rents, and other incidental services. Nonregulated expenses and nonregulated plant are directly attributable to nonregulated services and miscellaneous revenues. All other operating expenses and telecommunications plant are related primarily to wireline revenues. However, some of these costs jointly relate to regulated and nonregulated services. For interstate access settlements, Universal Service support, rate case, and other regulatory purposes, the portion of these common costs related to nonregulated activities are removed in accordance with Part 64 of the FCC rules in order to ensure regulated revenues are based on costs of providing regulated services.

Concentration of Market Risk

The Cooperative receives a significant portion of its annual operating revenues from Universal Service support. For the years ended December 31, 2019 and 2018, revenues from Universal Service support represent approximately 48 percent and 47 percent, respectively, of operating revenues.

Advertising Expenses

The Cooperative expenses advertising costs as incurred. Advertising expenses during the years ended December 31, 2019 and 2018 were \$101,912 and \$98,764, respectively.

Fair Value Measurements

Fair value represents the price that would be received to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. The Cooperative follows the following fair value hierarchy, which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value:

Level 1	Quoted prices in active markets for identical assets or liabilities.
Level 2	Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets.

Level 3 Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The fair value measurement guidance is applicable to the Cooperative related to the postretirement benefit plan assets in Note 5 and available for sale securities in Note 2.

Taxes Imposed by Governmental Authorities

The Cooperative's customers are subject to taxes assessed by various governmental authorities on many different types of revenue transactions with the Cooperative. These specific taxes are charged to and collected from the Cooperative's customers and subsequently remitted to the appropriate taxing authority. The taxes are accounted for on a net basis and excluded from revenues.

Note 1 - Summary of Significant Accounting Policies (continued)

Subsequent Events

Subsequent events are events or transactions that occur after the balance sheet date but before the financial statements are available to be issued. The Cooperative recognizes in the consolidated financial statements the effects of all subsequent events that provide additional evidence about conditions that existed at the date of the consolidated balance sheets, including the estimates inherent in the process of preparing the consolidated financial statements. The Cooperative's consolidated financial statements do not recognize subsequent events that provide evidence about conditions that did not exist at the date of the consolidated balance sheets but arose after the consolidated balance sheet's date and before the consolidated financial statements are available to be issued.

The Cooperative has evaluated subsequent events through March 20, 2020, which is the date the consolidated financial statements are available to be issued.

Reclassifications

For comparability, certain amounts reported in 2018 have been reclassified in order to conform to the 2019 presentation. These reclassifications had no effect on net margins or members' equity as previously reported.

Note 2 - Investments

Investments consist of the following at December 31:

	2019		2018	
Investments in affiliates	\$	46,194,607	\$ 43,089,444	
Investments, held to maturity		2,927,914	2,860,237	
Investments, available for sale		503,464	377,175	
Cash surrender value of life insurance		25,308	 24,259	
Total	\$	49,651,293	\$ 46,351,115	

Investments in Affiliates

Investments in affiliates include investments in two partnerships which operate cellular telephone systems and two limited liability companies (LLCs) which provide network services and long distance services.

Investment balances and the Company's respective ownership percentages in the entities are as follows:

	Ownership	Ownership 2019		2018
Kentucky RSA #3 Cellular General Partnership Bluegrass Networks, LLC	25.00% 20.00%	\$	29,298,804 6,107,509	\$ 27,098,675 5,938,212
Bluegrass Telecom, LLC	20.00%		342,022	342,022
Cumberland Cellular Partnership	12.50%		10,446,272	 9,710,535
Total		\$	46,194,607	\$ 43,089,444

Note 2 – Investments (continued)

The assets, liabilities, equity, and the operations of the Cooperative's significant investments in affiliates as of and for the years ended December 31 are as follows:

	Bluegrass N	etworks, LLC	vorks, LLC Cumberland Cellular Partnership Kentucky			RSA #3
	2019	2018	2019	2018	2019	2018
Assets Liabilities	\$ 31,826,947 (1,289,400)	\$ 30,267,344 (576,284)	\$ 88,249,444 (4,679,265)	\$ 82,074,491 (4,390,211)	\$ 125,106,825 (7,911,610)	\$ 114,724,478 (6,329,779)
Equity	\$ 30,537,547	\$ 29,691,060	\$ 83,570,179	\$ 77,684,280	\$ 117,195,215	\$ 108,394,699
Revenue Expenses	\$ 10,654,873 (8,408,386)	\$ 12,529,231 (9,479,800)	\$ 67,216,901 (55,830,994)	\$ 69,213,110 (58,200,607)	\$ 82,529,587 (69,729,070)	\$ 78,761,283 (69,390,164)
Net margins	\$ 2,246,487	\$ 3,049,431	\$ 11,385,907	\$ 11,012,503	\$ 12,800,517	\$ 9,371,119

Investments, Held to Maturity

Investments classified as held to maturity are carried at amortized cost and classified within Level 2 of the valuation hierarchy. Those investments include corporate bonds, and government bonds. Unrealized losses on investment classified as held to maturity amounted to \$54,839 and \$52,153 at December 31, 2019 and 2018, respectively.

Investments, held to maturity, consist of the following at December 31:

	2019		2018	
Current investments:				
Corporate/ Government bonds	\$	230,821	_\$	275,052
Total current investments		230,821		275,052
Long-term investments:				
Corporate bonds		1,371,624		1,355,307
Government bonds		1,325,469		1,229,878
Total long-term investments		2,697,093		2,585,185
Total investments	\$	2,927,914	\$	2,860,237

The following is a schedule of the held to maturity investments by maturity date:

2020	\$ 230,821
2021	410,468
2022	335,089
2023	427,404
2024 and thereafter	1,524,132
	\$ 2,927,914

Note 2 – Investments (continued)

Investments, Available for Sale

Investments classified as available for sale at December 31, 2019 and 2018 have a cost basis of \$336,056 and \$319,594, and fair value of \$503,464 and \$377,175. Shares of common stock are valued using the quoted value of shares held by the Cooperative and are classified within Level 1 of the valuation hierarchy.

Net unrealized holding gains on available for sale securities in the amounts of \$167,408 and \$57,581 for the years ended December 31, 2019 and 2018 have been included in other investment income on the consolidated statement of operations.

Note 3 - Property, Plant, and Equipment

Major classes of property, plant, and equipment consist of the following at December 31:

	Depreciable	Plant	Accumulated	2019	2018
	Life	Account	Depreciation	Net Balance	Net Balance
Regulated plant					
General support assets	6-37 years	\$ 6,339,239	\$ 3,085,171	\$ 3,254,068	\$ 3,333,144
Central office assets	8-13 years	9,804,449	7,017,263	2,787,186	2,662,228
Cable and wire facilities	10-45 years	52,724,979	23,815,262	28,909,717	26,165,579
Plant under construction	n/a	3,616,312	-	3,616,312	3,493,410
		72,484,979	33,917,696	38,567,283	35,654,361
Nonregulated plant					
Internet equipment	5 years	447,863	256,157	191,706	86,161
• •					
		447,863	256,157	191,706	86,161
		\$72,932,842	\$ 34,173,853	\$ 38,758,989	\$ 35,740,522

Note 4 – Income Taxes

Income tax expense consists of the following for the years ended December 31:

	2019		2018	
Current		_		_
Federal	\$	775,368	\$	460,519
State		225,522		166,374
Deferred				
Federal & state		220,674		373,415
Total income tax expense	\$	1,221,564	\$	1,000,308

Note 4 – Income Taxes (continued)

For the years ended December 31, 2019 and 2018, the consolidated income tax return computed at the statutory rate differs from the amount of the expense recorded in the financial statements. The difference relates primarily to the Cooperative patronage exclusion, permanent differences, prior year over and under accruals, and state income taxes.

The components of the Cooperative's net deferred tax liability consist of the following at December 31:

	2019		2018	
Deferred tax liabilities				
Partnership basis difference	\$	(2,028,065)	\$	(1,807,391)

Note 5 - Postretirement Benefits

Defined Benefit Plans

The Cooperative participates in a multiple-employer pension plan with the National Telephone Cooperative Association (NTCA) that cover substantially all of its employees and are described below.

The risks of participating in multiple-employer plans are different from single employer plans as follows:

(1) assets contributed to the multiple-employer plan by one employer may be used to provide benefits to employees of other participating employers, (2) if a participating employer stops contributing to the Plan, the unfunded obligations of the Plan may be borne by the remaining participating employers, and (3) if the Cooperative chooses to stop participating in a plan, the Cooperative may be required to pay a penalty.

The Cooperative's participation in the multiple-employer plan is outlined in the table below. The information below is from the Plan's most recent Form 5500 filing which covers the Plan years 2018 and 2017. At the date the consolidated financial statements were issued, Form 5500 was not available for the year ending 2019.

		Pen Protect Zone		Employer C	ontributions					
Plan Name	Employer Identification Number/Plan Number	2018	2017	2019	2018	Company Contributions Greater than 5% of Total Plan Contributions	contributions Greater than Funding 5% of Total Improvement/ Plan Rehabilitation Surd		Expiration Date of Collective- Bargaining Agreements	Minimum Contributions Required in the Future
Retirement & Security program for employees of the National Telecommunications Cooperative Association and its member systems	52-0741336/333	At least 80% funded	At least 80% funded	\$ 225,444	\$ 206,166	No	No	Yes	N/A	No

Employees are eligible to receive an annuity or lump-sum payment at retirement based on an average of prior years' compensation. The Cooperative makes monthly contributions to the plan based on each employee's compensation and recognizes as an expense the required contribution for the period.

Note 5 - Postretirement Benefits (continued)

Retirement and Security

NTCA recently implemented changes to the Retirement & Security Program that were implemented in phases beginning in 2017. The most significant changes are increases in the contribution rates beginning in 2017, a new surcharge began in 2018, and companies had a one-time option to prefund its surcharge. As incentive for prefunding its obligation, NTCA will waive the variable rate premium the Company pays and the returns on assets contributed may be used to offset future costs. The Cooperative elected to prefund the surcharge NTCA and recognized the prepayment in other noncurrent assets in the consolidated balance sheets. The Cooperative anticipates an amortization period of 12 years for the asset, which represents the estimated period of time the new surcharge is estimated to be in place. The prefund amount as of December 31, 2019 and 2018 was \$629,700 and \$614,668 and reported as other noncurrent assets. Unrealized gains related to the investment of the prefunded obligation as of December 31, 2019 and 2018 were \$109,830 and \$21,986, which are included as other investment income on the consolidated statement of operations.

Defined Contribution Plans

The Cooperative contributes one percent of gross wages to a defined contribution 401(k) savings plan covering substantially all employees. Participating employees can contribute up to the maximum percentage of compensation and dollar amount permissible under the Internal Revenue Code. Contributions for the Plan during 2019 and 2018 were \$19,622 and \$18,762, respectively.

Other Postretirement Plan Benefits

The Cooperative also sponsors a postretirement benefit plan (the Plan) for employees, directors, and their spouses that provides medical, dental and vision care. Directors shall be defined as Board Retirees after having served on the Board of Directors at least three years if leaving the Board before December 31, 2006, and after having served 20 years if leaving the Board after December 31, 2006. Cooperative funding for this plan ranges between 100 percent and zero percent of related costs based on hire and retirement eligibility dates.

Obligation and Funded Status

The amount of benefit to be paid depends on a number of future events incorporated into a formula, including estimates of the average life of employees and average years of service rendered, and future interest rates. The benefit obligation is the accumulated benefit obligation, which represents the present value of all future benefits attributed to employee service rendered through the measurement date and does not include changes in future compensation. The measurement date for the accumulated benefit obligation is December 31.

Note 5 – Postretirement Benefits (continued)

The following table summarizes the benefit obligations and the funded status of the defined postretirement health care plan over the two-year period ending December 31:

	2019	2018
Accumulated postretirement benefit plan obligation Plan assets at fair value	\$ (8,379,624) 7,510,976	\$ (7,238,229) 6,249,603
Funded status	\$ (868,648)	\$ (988,626)

Amounts included in other comprehensive loss that have not yet been recognized in net periodic benefit cost at December 31 are listed below:

	2019	2018
Unrecognized net loss	\$ (1,902,575)	\$ (1,962,765)
Offiecognized fiet 1033	Ψ (1,902,373)	\$ (1,902,703)

The accumulated loss is a result of the accumulated difference between the actuary's estimates based on actuarial principles and the Cooperative's actual experience with factors such as the length of employment, the discount rate for the Plan obligations, and expected rate of return on plan assets.

Other Plan Information

Other Plan information is as follows at December 31:

	2019			2018		
Net periodic benefit Plan cost	\$	165,656	\$	54,421		

The net periodic benefit cost is the amount recognized in the consolidated financial statements as the cost of the Plan for the year. Components of the net periodic benefit cost are service cost, interest cost, expected return on plan assets, and amortization of unrecognized gains/losses.

Note 5 - Postretirement Benefits (continued)

Estimated future benefit payments, which reflect expected future service, as appropriate, are as follows:

2020	\$ 357,081
2021	290,094
2022	292,869
2023	294,204
2024	274,575
2025 through 2029	1,524,653

The weighted average assumptions used in the measurement of the Cooperative's benefit obligation are shown in the following table at December 31:

	Percent				
Weighted-average assumptions as of December 31	2019	2018			
Expected return on Plan assets	7.00	7.00			
Discount rate	3.25	4.25			

For measurement purposes, a seven percent annual rate of increase in the per capita cost of covered health care benefits was assumed for 2019. The rate was assumed to decrease one-half of one percent each year to a rate of five percent and remain at that level thereafter.

Plan Assets

Plan assets are managed by NTCA. Equity securities primarily include investments in large-cap companies located in the United States and internationally. Fixed income securities include corporate bonds of companies from diversified industries, mortgage-backed securities, and U.S. treasuries. Other types of investments include real estate investment trusts and private equity funds that follow several different strategies.

NTCA makes all the investment decisions for the program with the help of an investment management and consulting firm, Wilshire Associates. The trust committee makes investment decisions, which begin with a review of the assets and liabilities of potential investments and then make their final decision based upon obtaining the rate of return consistent with program needs.

Note 5 – Postretirement Benefits (continued)

The fair values of the Cooperative's pension Plan assets at December 31, 2019, by asset category, are as follows:

	Percentage of		Hierarchy
Asset Type	Plan Assets	Amount	Level
Fixed income	23%	\$ 1,763,267	1
International equities	16%	1,237,379	1
Low volatility equity	13%	1,001,284	1
Domestic equities	16%	1,182,405	1
Real estate	14%	1,045,336	2
Private equity	10%	728,039	2
ETFs	1%	87,246	1
Cash	4%	299,757	1
Bonds	2%	166,263	2
Total		\$ 7,510,976	

Note 6 - Operating Revenue

Wireline and miscellaneous revenues consist of the following for the years ended December 31:

	2019	2018		
Wireline				
Customer	\$ 2,224,029	\$ 2,330,244		
Intercarrier				
Interstate	1,031,248	825,239		
Intrastate	85,537	95,051		
Universal Service Support, federal	5,879,720	5,586,057		
Total wireline revenues	\$ 9,220,534	\$ 8,836,591		

Wireline revenues are classified above as follows:

- Customer revenues include end user charges, such as the subscriber line charge, the federal universal service charge, and access recovery charge.
- Universal Service Support includes the HCLS, CAF BLS, and CAF ICC.
- All access charge and settlement revenue, except as described above, are classified as intercarrier revenue.

Note 6 - Operating Revenue (continued)

The following table provides disaggregation of revenue from contracts with customers:

	For the `	For the Year Ended December 31, 2019							
	·	Revenue							
		From Contracts	Other						
	Total	With Customers	Revenue						
Wireline Internet Miscellaneous	\$ 9,220,534 2,532,914 376,189	\$ 3,594,940 2,532,914 311,794	\$ 5,625,594 - 64,395						
	\$ 12,129,637	\$ 6,439,648	\$ 5,689,989						

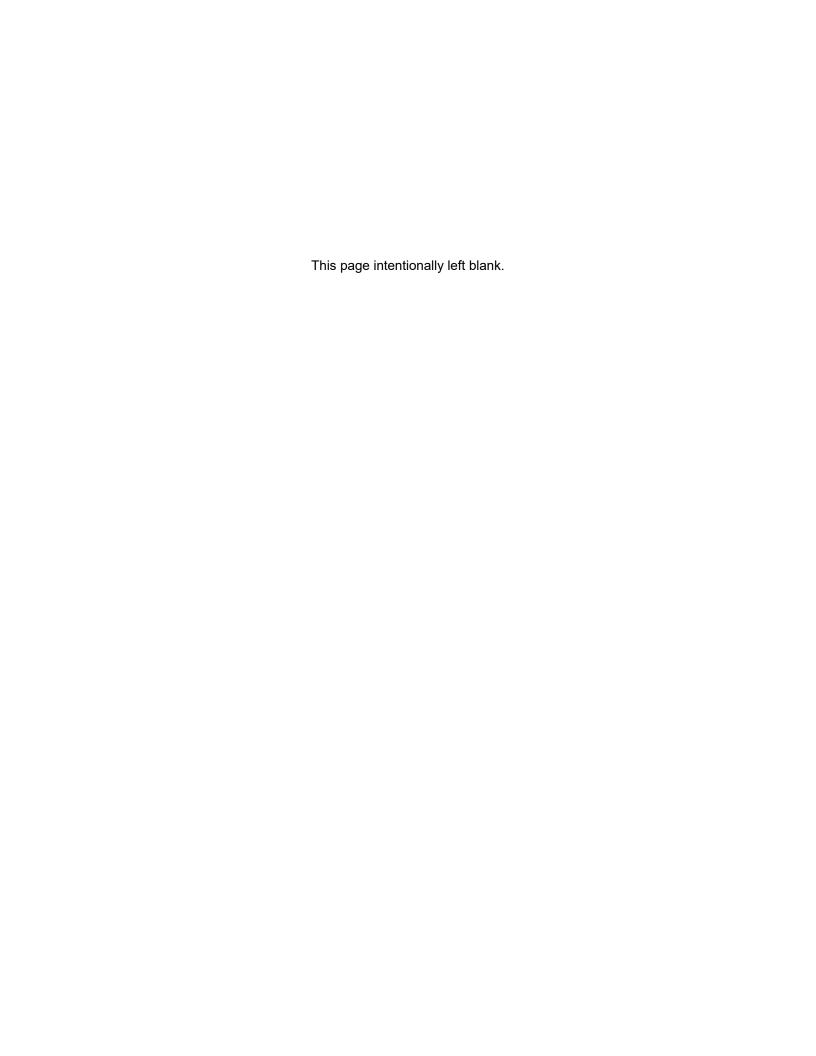
Wireline revenue includes revenues received from federal universal service programs which are not considered revenue from contracts with customers and are specifically scoped out of ASC 606.

Miscellaneous revenues included revenues received for rent and billing and collection services which are not considered revenue from contracts with customers and are scoped out of ASC 606.

Revenue from contracts with customers is earned based on services performed over time.

Note 7 – Related-Party Transactions

Services are performed for the Cooperative by associated companies, which are related through common ownership. The services received include long distance and broadband transport. During 2019 and 2018, the Cooperative received services from associated companies totaling \$623,258 and \$707,772, respectively.





Report of Independent Auditors on Supplementary Information

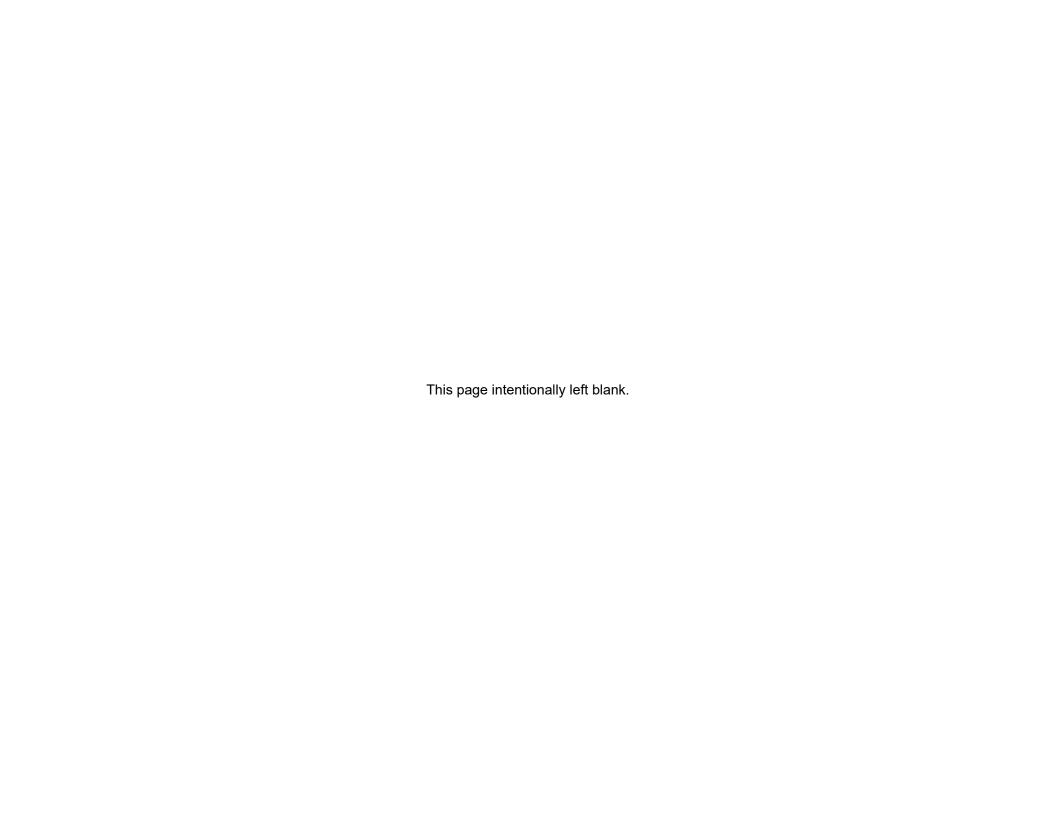
Board of Directors Logan Telephone Cooperative, Inc.

We have audited the consolidated financial statements of Logan Telephone Cooperative, Inc. and subsidiary as of and for the year ended December 31, 2019, and our report thereon dated March 20, 2020, which contained an unmodified opinion on those consolidated financial statements appears on page 1. Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The consolidating balance sheet detail and consolidating statement of income detail are presented for purposes of additional analysis rather than to present financial position, results of operations and cash flows of the individual companies, and is not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplementary information is fairly stated in all material respects in relation to the consolidated financial statements taken as a whole.

Overland Park, Kansas

MOSS ADAMS LLP

March 20, 2020



Logan Telephone Cooperative, Inc. Consolidating Balance Sheet Detail December 31, 2019

	an Telephone operative, Inc.	Cellular Division of Logan Telephone Cooperative, Inc.		Eliminations		Consolidated		
CURRENT ASSETS								
Cash and cash equivalents	\$ 5,341,211	\$	24,704	\$	-	\$	5,365,915	
Investments	230,821		-		-		230,821	
Accounts receivable								
Customers, net	6,131		-		-		6,131	
Interexchange carriers and NECA	515,682		-		-	515,682		
Related party and other	467,247		8,621		(323,997)		151,871	
Material and supplies	553,056		-		-	553,056		
Other current assets	 172,803						172,803	
Total current assets	7,286,951		33,325		(323,997)		6,996,279	
NONCURRENT ASSETS								
Investment in affiliates	43,854,569		40,087,098		(37,747,060)		46,194,607	
Long-term investments	3,225,865		-		-		3,225,865	
Other noncurrent assets	629,700		<u> </u>				629,700	
Total noncurrent assets	 47,710,134		40,087,098		(37,747,060)		50,050,172	
PROPERTY, PLANT, AND EQUIPMENT								
Regulated plant in service	68,868,666		-		-		68,868,666	
Regulated plant under construction	3,616,312	-			-	- 3,616,312		
Nonregulated plant in service	447,864						447,864	
	72,932,842		_		_		72,932,842	
Less accumulated depreciation and amortization	 34,173,853						34,173,853	
Net property, plant, and equipment	 38,758,989						38,758,989	
Total assets	\$ 93,756,074	\$	40,120,423	\$	(38,071,057)	\$	95,805,440	

Logan Telephone Cooperative, Inc. Consolidating Balance Sheet Detail December 31, 2019

	Logan Telepho Cooperative, I		Cellular Division of Logan Telephone Cooperative, Inc.		Eliminations		Consolidated	
CURRENT LIABILITIES	Φ.	000 004	Φ.		Φ.		Φ.	000 004
Accounts payable	\$	832,391	\$	222 007	\$	(222.007)	\$	832,391
Accounts payable, affiliates		400.047		323,997		(323,997)		400.047
Advance billing and customer deposits		183,617		<u>-</u>		-		183,617
Accrued income taxes		175,778		21,301		-		197,079
Other current liabilities		405,834		-		-		405,834
Total current liabilities		1,597,620		345,298		(323,997)		1,618,921
NONCURRENT LIABILITIES								
Deferred income taxes		-		2,028,065		-		2,028,065
Postretirement benefit obligation		868,648						868,648
Total noncurrent liabilities		868,648		2,028,065				2,896,713
MEMBERS' EQUITY								
Memberships issued		5,130		-		-		5,130
Common stock		-		1,100,000		(1,100,000)		-
Patronage capital		25,020,162		-		<u>-</u>		25,020,162
Retained margins		68,167,089		36,647,060		(36,647,060)		68,167,089
Accumulated other comprehensive loss		(1,902,575)						(1,902,575)
Total members' equity		91,289,806		37,747,060		(37,747,060)		91,289,806
Total liabilities and members' equity	\$	93,756,074	\$	40,120,423	\$	(38,071,057)	\$	95,805,440

Logan Telephone Cooperative, Inc. Consolidating Statement of Income Detail Year Ended December 31, 2019

	Logan Telephone Cooperative, Inc.		Cellular Division of Logan Telephone Cooperative, Inc.		Eliminations		Consolidated	
OPERATING REVENUES Wireline Internet Miscellaneous	\$	9,220,534 2,532,914 376,189	\$	- - -	\$	- - -	\$	9,220,534 2,532,914 376,189
Net operating revenues		12,129,637		-		-		12,129,637
OPERATING EXPENSES Plant specific Plant nonspecific Depreciation and amortization Customer Corporate Operating Income Tax Nonregulated Total operating expenses		1,542,068 654,506 3,376,908 626,398 1,184,090 486,520 2,284,472 10,154,962		- - - - - - 22,898		- - - - - -		1,542,068 654,506 3,376,908 626,398 1,184,090 486,520 2,307,370 10,177,860
Net operating margins	•	1,974,675		(22,898)		_		1,951,777
NONOPERATING INCOME (EXPENSE) Income from affiliates Other nonoperating expenses Interest and dividend income		3,897,297 126,566 169,810		4,664,016 - 399		(3,447,999)		5,113,314 126,566 170,209
Nonoperating income		4,193,673		4,664,415		(3,447,999)		5,410,089
NET MARGINS BEFORE INCOME TAXES		6,168,348		4,641,517		(3,447,999)		7,361,866
Income tax expense		28,046		1,193,518				1,221,564
NET MARGINS	\$	6,140,302	\$	3,447,999	\$	(3,447,999)	\$	6,140,302