LABORERS' AND RETIREMENT BOARD

EMPLOYEES' ANNUITY AND

BENEFIT FUND

ANNUAL STATEMENT

AS OF

DECEMBER 31, 1966

DONALD F. CAMPBELL
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Telephone STate 2-1335

June 19, 1968

The Retirement Board of the Laborers' and Retirement Board Employees' Annuity and Benefit Fund Chicago, Illinois

Gentlemen:

This is to certify that the annual statement of the Laborers' and Retirement Board Employees' Annuity and Benefit Fund as of December 31, 1966 appended hereto, consisting of six exhibits, as follows:

Exhibit	<u>Title</u>	Page
A	Assests and Liabilities	12
${\mathbb B}$	Income and Expenditures	34
C	Gain and Loss	5 6
D	Comparative Analysis Assets and Liabilities .	78
E	Cash Reconciliation	
\mathbf{F}	Taxes Receivable	. 10

is to the best of my knowledge and belief a true and correct statement of the affairs and conditions of said Fund for the year 1966 with the Fund balances and liabilities computed in accordance with the provisions of the Act.

This statement has been prepared from the books of the Fund as substantiated by our letters of recommendation to the Retirement Board.

The liability in the Prior Service Annuity Fund account for the excess liability due to the minimum annuity provision is based on actuarial tables obtained from the operating experience of an annuity and benefit fund with a similar service. It is also based on three per cent interest and 1966 salary scales. The excess liability has been estimated for members of the fund who have not filed information sheets. This liability is subject to adjustment when the dates of birth have been obtained for these members.

Page Two.

A study of the rate of retirement experienced over the past several years for this fund and other funds with a similar experience indicates that the rate of retirement has increased. The cost factors have, therefore, been increased about 3% for the estimate of the liabilities on an entry age method of funding. The liabilities have also been adjusted to more accurately reflect the difference between the reserves for annuities based on 3% and those on a 4% basis.

Based on these studies and on the assumptions of $3\frac{1}{2}\%$ interest rate, present size of the Fund membership, salaries as of December 31, 1966, service table of a fund with a similar experience, and the entry age normal method of financing, I estimate that a yearly tax levy of \$4,075,000.00 will amortize the deficiency over a period of about twenty-eight years from December 31, 1966. The 1967 assessed valuations provide a maximum tax levy of about \$4,075,000.00.

The amortization period of twenty-eight years is four years shorter than that shown in the statement for last year. This difference is due primarily to the assumption that future annual tax levies will amount to \$4,075,000.00 compared to the assumptions used in previous reports of \$3,750,000.00 a year.

A study is being made currently to test the other assumptions on which the costs are based, particularly the effect of yearly increase in salary levels. The salary scales used in the cost computations are based on an assumed annual increase of about 1% a year. Actual experience over the past years has indicated over double this amount.

If the rates of increase in salary rolls and in the rates of retirement continue the cost figures stated herein will be substantially increased including the unfunded liability.

Future changes in the factors affecting the costs will result in different tax levy requirements. The rate of future retirements and the amounts of future salaries are major factors in this respect. The rate of interest earnings on the Fund's assets is also an important factor. The Gain and Loss Exhibit indicates improvement in mortality rates and greater numbers of members retiring. The yield on bonds for the year 1966 was 4.06% excluding the decrease in book value on date of sale of bonds. The investment earnings of the Fund in excess of $3\frac{1}{2}\%$ rate used in the cost determinations will reduce the length of the amortization period.

The actual future operating experience of the Fund will indicate any necessary changes in the cost assumptions.

Respectfully submitted,

Actuary.

LABORERS' AND RETIREMENT BOARD

EMPLOYEES' ANNUITY AND

BENEFIT FUND

BALANCE SHEET

AS OF

DECEMBER 31, 1966

ASSETS

And

LIABILITIES

ASSETS

AS OF DECEMBER 31, 1966

CASH ON DEPOSIT		\$ 199,265.48	
ACCOUNTS RECEIVABLE: Salary Deductions Accrued Miscellaneous from Employees Total Accounts Receivable	\$ 405,287.46 84,190.47	489,477.93	
INTEREST RECEIVABLE: Accrued Interest on Bonds		590,886.64	
INVESTMENTS: BondsPar Value BondsPremiums and Discounts Total Investments	\$74,792,000.00 (1,308,216.35)	73,483,783.65	
TAXES RECEIVABLE - (Exhibit F, Page 10) City: Uncollected Taxes Reserve for Loss and Cost of Collection Net Taxes Receivable Park District: Uncollected Taxes Reserve for Loss and Cost of Collection Net Taxes Receivable	\$ 6,435,452.57 2,614,675.11 \$ 40,975.24 16,477.26	3,820,777.46 24,497.98	
GROSS LEDGER ASSETS			\$78,608,689.14
LESSACCOUNTS PAYABLE: Miscellaneous to Employees Military Service Deductions Excess Total		\$ 323,478.02 1,557.71	325,035.73

\$78,283,653.41

LABORERS' AND RETIREMENT BOARD EMPLOYEES' ANNUITY AND BENEFIT FUND

LIABILITIES AND FUND BALANCE

AS OF DECEMBER 31, 1966

FOR SERVICE AFTER JULY 1, 1 LIABILITY RESERVES: ANNUITY PAYMENT FUND ACCOUN Employee Annuitants Employee Annuities Fixed Widow Annuitants Wives' Annuities Fixed Total Annuity Payment	T:	\$ 6,540,870.38 3,042,869.04 3,383,686.64 1,570,435.03	\$14,537,861.09	
SALARY DEDUCTION FUND ACCOU Employees Wives of Employees Total Salary Deductio		\$24,553,877.28 3,886,627.34	28,440,504.62	
CITY CONTRIBUTIONS FUND ACC Employees Wives of Employees Supplemental Annuities Total City Contributi		\$25,526,144.63 7,394,702.88 10,222.47	32,931,069.98	
SURPLUS RESERVES: Annuity Payment Fund According Child's Annuity Fund According Duty Disability Fund According Expense of Administration Investments and Interest	ount ount Account	\$ 2,180,679.16 0 0		
Account Ordinary Disability Fund Total Surplus Reserve		0 0	2,180,679.16	
TOTAL LIABILITY AND SURPLUS FOR SERVICE AFTER JULY 1,				\$78,090,114.85
FOR SERVICE PRIOR TO JULY 1 PRIOR SERVICE FUND ACCOUNT: Estimated Excess Minimum Annuity Provision Employee Annuitants Employee Annuities Fixed Widow Annuitants Wives' Annuities Fixed Contributions for Employee Contributions for Wives Salary Deductions for 1-2 Annuity Total Prior Service F	ees 2% Tund	\$11,582,802.16 7,208,465.71 89,804.40 693,721.24 256,300.00 200,723.93 89,577.10 611,242.61	\$20,732,637.15	
DEDUCT: Obligations of Fur Service Fund Lis			(20,539,098.59)	193,538.56

TOTAL NET LIABILITIES AND FUND BALANCES DECEMBER 31, 1966

LABORERS' AND RETTREMENT BOARD

EMPLOYEES' ANNUITY AND

BENEFIT FUND

INCOME

YEAR 1966

INCOME

And

EXPENDITURES

INCOME

YEAR 1966

SALARY DEDUCTIONS: Employees Wives of Employees 1-\frac{1}{2}\% Retirement Annuity Total Salary Deductions	\$2,696,683.31 545,405.85 224,720.11	\$3,466,809.27	
PAYMENTS BY EMPLOYEES FOR TEMPORARY SERVICE AND REFUND REPAYMENTS		42,529.64	
CITY CONTRIBUTIONS (\$3,427,861.26) PARK CONTRIBUTIONS (\$ 22,080.00) FEDERAL CONTRIBUTIONS 2,358.52) Employee Annuities Wife Annuities Child Annuities Duty Disability Ordinary Disability Expense of Administration Interest on Income Deficiency in Current Requirements Total Contributions	\$2,595,709.91 738,058.84 38,786.68 90,524.10 321,007.11 140,153.60 52,203.75 (524,144.21)	3,452,299.78	
INCOME ON INVESTMENTS: Bond Interest (Note 1)		2,815,831.32	
TOTAL INCOME YEAR 1966	•		\$9,777,470.01
total expenditures year 1966			3,979,130.14
EXCESS INCOME OVER EXPENDITURES			\$5,798,339.87
ADD: INCREASE IN TAXES RECEIVABLE FOR H	PRIOR YEARS		246.41
NET EXCESS INCOME OVER EXPENDITURES YEAR	R 1966		<u>\$5,798,586.28</u>

Note 1. Income on investments includes a decrease in book value of bonds at date of sale of \$24,499.97.

EXPENDITURES

YEAR 1966

BENEFITS PAID: AnnuitiesEmployees AnnuitiesWidows Compensation Widows' Annuities Child's Annuities Duty Disability Benefits Ordinary Disability Benefits Total Benefits Paid	\$2,041,067.18 486,312.40 5,326.56 38,786.68 84,815.16 322,136.35	\$2,978,444.33	
Less: Reimbursement Reciprocal Account Net Annuities Paid	·	975.28	\$2,977,469.05
EXPENSE OF ADMINISTRATION: Salaries Legal Serivces Audit Medical Examinations Medical Serivces Actuarial Department Printing Postage Telephone Rent Premiums on Surety Bonds Office Supplies and Miscellaneous Office Equipment and Repairs Insurance Department Fee Total Expense of Administration	\$ 60,724.52 3,600.00 3,500.00 4,090.00 3,663.62 49,041.27 2,472.13 1,925.00 385.58 6,643.88 319.00 1,882.13 1,756.47 150.00	\$ 140,153.60	
REFUNDS		861,507.49	1,001,661.09
total expenditures year 1966			\$3,979,130.14

LABORERS' AND RETIREMENT BOARD

EMPLOYEES' ANNUITY AND

BENEFIT FUND

GAIN AND LOSS

YEAR 1966

<u>GAINS</u>

And

LOSSES

GAIN AND LOSS

YEAR 1966

SURPLUS BALANCES DECEMBER 31, 1966

Annuity Payment Fund \$2,180,679.16
Expense Fund 0
Investment and Interest Fund 0
Ordinary Disability Fund 0
Prior Service Annuity Fund (20,539,098.59)

Total

\$(18,358,419.43)

SURPLUS BALANCES JANUARY 1, 1966

Annuity Payment Fund \$ 2,022,898.79
Expense Fund 0
Investment and Interest Fund 0
Ordinary Disability Fund
Prior Service Annuity Fund (18,146,783.59)

Total

(16,123,884.80)

NET (LOSS) YEAR 1966 CURRENT OPERATIONS

\$(2,234,534.63)

ESTIMATED ANALYSIS OF GAIN AND LOSS

YEAR 1966

GAIN BECAUSE OF ANNUITY AND BENEFIT PURPOSES: Mortality Employee Annuitants Mortality Employees' Annuities Fixed Mortality Widow Annuitants Mortality Wives' Annuities Fixed Excess Contributions on Refunds			· •
Age and Service Excess Contributions when Annuities Are Fixed Refunds After Fixed Salary Deductions After Fixed Total Gain Because of Safeguards	695,217.87 102,735.31 	760,696.88 (45,917.07) 164,663.27 \$ 758,277.94	\$ 1,307,869.90
INTEREST ON BALANCE OF JANUARY 1, 1966 Annuity Payment Fund Account Gain in Investment and Interest Fund Account Total Gain Because of Surplus Reserve Purposes		80,915.95 402,914.98	483,830.93
TAX REQUIREMENT PURPOSES: Interest on Deferred Obligations City Current Contribution Deficiency Total Tax Requirement Purposes		\$(800,688.56) _(524,144.21)	(1,324,832.77)
NET GAIN FOR YEAR 1966 BEFORE SETTING UP PRESENT VALUE OF EXCESS LIABILITY MINIMUM ANNUITY			\$ 466,868.06
DEDUCT: Increase in Present Value Excess Minimum Annuity			(2,701,649.10)
ADD: Increase in Taxes Receivable Prior Years			246.41
total net (loss) year 1966			\$(2,234,534.63)

LABORERS' AND RETIREMENT BOARD

EMPLOYEES' ANNUITY AND

BENEFIT FUND

COMPARATIVE ANALYSIS

YEAR 1966

ASSETS

And

LIABILITIES

COMPARATIVE ANALYSIS

	ASSETS	
	**************************************	Increase
	Jan. 1, 1966 Dec. 31, 1966	or (Decrease)
CASH ON DEPOSIT	\$ 443,836.73 \$ 199,265.48	\$ (244,571.25)
ACCOUNTS RECEIVABLE: Salary Deductions Accrued Miscellaneous from Employees Total Accounts Receivable	\$ 381,227.16 \$ 405,287.46 68,685.62 84,190.47 \$ 449,912.78 \$ 489,477.93	\$ 24,060.30 15,504.85 \$ 39,565.15
INTEREST RECEIVABLE: Accrued Interest on Bonds Accrued Interest on Tax Anticipation Warrants	\$ 508,365.07 \$ 590,886.64 0 0	\$ 82,521.57
Due Bond Interest Receivable Total Interest Receivable	0 \$ 508,365.07 \$ 590,886.64	0 \$ 82,521.57
INVESTMENTS: BondsPar Value BondsPremiums and Discounts Total Investments	\$68,385,000.00 (879,990.71) \$67,505,009.29 \$74,792,000.00 (1,308,216.35) \$73,483,783.65	\$ 6,407,000.00 (428,225.64) \$ 5,978,774.36
TAXES RECEIVABLE: City:	men = 71,044 022.33	
Uncollected Taxes Reserve for Loss and Cost	\$ 6,413,262.19 \$ 6,435,452.57	\$ 22,190.38
of Collection Net Taxes Receivable Park District:	2,514,116.38 \$ 3,899,145.81 \$ 3,820,777.46	100,558.73 \$ (78,368.35)
Uncollected Taxes Reserve for Loss and Cost	\$ 38,952.52 \$ 40,975.24	\$ 2,022.72
of Collection Net Taxes Receivable	14,362.91 16,477.26 \$ 24,589.61 \$ 24,497.98	2,114.35 \$ (91.63)
GROSS LEDGER ASSETS	<u>\$72,830,859.29</u> <u>\$78,608,689.14</u>	\$ 5 , 777 , 829 . 85
LESSACCOUNTS PAYABLE: Miscellaneous to Employees Military Service Deductions	\$ 344,234.45 \$ 323,478.02	\$ (20,756.43)
Excess from Refunds Total Accounts Payable	1,557.71 1,557.71 \$ 345,792.16 \$ 325,035.73	\$ (20,756.4 <u>3</u>)
NET LEDGER ASSETS	<u>\$72,485,067.13</u> <u>\$78,283,653.41</u>	\$ 5,798,586.28

COMPARATIVE ANALYSIS

LIABILITIES AND	Themas		
DOD GDDYGGGGG A FEBRUAR THE YEAR IN 1 2000	Jan. 1, 1966	Dec. 31, 1966	Increase or (Decrease)
FOR SERVICES AFTER JULY 1, 1935: LIABILITY RESERVES: ANNUITY PAYMENT FUND ACCOUNT: Employee Annuitants Employees' Annuities Fixed Widow Annuitants Wives' Annuities Fixed Total Annuity Payment Fund	\$ 5,990,131.48	\$ 6,540,870.38	\$ 550,738.90
	2,913,669.84	3,042,869.04	129,199.20
	3,142,467.15	3,383,686.64	241,219.49
	1,439,723.48	1,570,435.03	130,711.55
	\$13,485,991.95	\$14,537,861.09	\$ 1,051,869.14
SALARY DEDUCTION UFND ACCOUNT: Employees Wives of Employees Total Salary Deduction Fund	\$22,767,471.38	\$24,553,877.28	\$ 1,786,405.90
	3,437,705.14	3,886,627.34	448,922.20
	\$26,205,176.52	\$28,440,504.62	\$ 2,235,328.10
CITY CONTRIBUTION FUND ACCOUNT: Employees Wives of Employees Supplemental Annuities Total City Contribution Fund	\$23,837,640.06	\$25,526,144.63	\$ 1,688,504.57
	6,855,534.12	7,394,702.88	539,168.76
	8,941.19	10,222.47	1,281.28
	\$30,702,115.37	\$32,931,069.98	\$ 2,228,954.61
SURPLUS RESERVES: Annuity Payment Fund Account Child's Annuity Fund Account Duty Disability Fund Account Investment and Interest Account Expense of Administration Account Ordinary Disability Fund Account Total Surplus Reserves	\$ 2,022,898.79	\$ 2,180,679.16	\$ 157,780.37
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	\$ 2,022,898.79	\$ 2,180,679.16	5 157,780.37
TOTAL LIABILITY AND SURPLUS RESERVES FOR SERVICE AFTER JULY 1, 1935 FOR SERVICE PRIOR TO JULY 1, 1935: PRIOR SERVICE FUND ACCOUNT: Estimated Excess Minimum	<u>\$72,416,182.63</u>	\$78,090,114.85	\$ 5,673,932.22
Annuity Provision Employee Annuitants Employees' Annuities Fixed Widow Annuitants Wives' Annuitied Fixed Contributions for Employees Contributions for Wives Salary Deductions for 1-1/2 Annuity Total Prior Service Fund DEDUCT: (PER CONTRA):	\$ 9,891,077.84	\$11,582,802.16	\$ 1,691,724.32
	6,405,079.24	7,208,465.71	803,386.47
	119,847.96	89,804.40	(30,043.56)
	703,706.35	693,721.24	(9,985.11)
	327,843.60	256,300.00	(71,543.60)
	254,521.89	200,723.93	(53,797.96)
	104,608.48	89,577.10	(15,031.38)
	408,982.73	611,242.61	202,259.88
	\$18,215,668.09	\$20,732,637.15	\$ 2,516,969.06
Obligations of City for Prior Service Credits NET LIABILITIES FOR SERVICE PRIOR TO JULY 1, 1935 TOTAL LIABILITIES AND FUND BALANCES	\$(18,146,683.59)	\$(20,539,098.59)	\$(2,392,315.00)
	\$ 68,884.50	\$ 193,538.56	\$ 124,654.06
	\$ 72,485,667.13	\$ 78,283,653.41	\$ 5,798,586.28

CASH RECONCILIATION

RECEIPTS AND DISBURSEMENTS

YEAR 1966

BALANCE JA	NUARY 1,	1966		PER	BOOKS
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\$443,836.73

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RECEIPIS:			
Salary Deductions			
Errors in Deductions	\$ 13,379.09		
Salary Deductions	3,378,298.76		
Interest on Bonds	2,774,573.02		
Installments on Taxes			
ReceivableCity	3,506,670.37		
Installments on Taxes			
ReceivablePark	21,977.28		
Federal Funds	2,358.52		
Treasurer's Receipts	44,142.28		
Cancelled Checks	19,611.56		
Bonds Matured	841,000.00		
Bonds Sold Par Value	5,351,000.00		
Discount on Bonds Sold	(28,476.29)		
Miscellaneous Receipts	739.72		
Reimbursement Forged Checks	0		
Total Receipts	•	\$15,925,274.31	
DISBURSEMENTS:			
AnnuitiesEmployees	\$ 2,053,589.98		
AnnuitiesWidows	493,770.25		•
AnnuitiesChildren	38,866.68		
Ordinary Disability Benefits	273,645.79		
Duty Disability Benefits	70,628.02		
Refunds	915,629.90		
Operating Expenses	140,153.60		
Securities PurchasedPar Value	12,599,000.00		
Premium Bonds Purchased and	12,777,000.00	•	
Exchanged	(526,984.05)		
Accrued Interest Purchased	111,545.39		
Forged Checks	ユエエッノサノ・3ゲ へ		
TOTREM OUTCOMP			
Total Disbursements		\$16,169,845.56	

Total Disbursements

\$16,169,845.56

EXCESS DISBURSEMENTS OVER RECEIPTS	\$(244,571.2 <u>5</u>)
BALANCE, DECEMBER 31, 1966 PER EOOKS	\$ 199,265.48
OUTSTANDING CHECKS, DECEMBER 31, 1966	221,464.10
BALANCE, DECEMBER 31, 1966 PER TREASURER	\$ 420,729.58

TAXES RECEIVABLE

DECEMBER 31, 1966

TAXES RECEIVABLE-CITY:

LIPED CLIPTE	V11D111-0111.				
Year	Uncollected Taxes 12/31/66	Estimate For Loss and Cost Of Collection 12/31/65	Additional Estimate Set Up 12/31/66	Total Estimate For Loss and Cost Of Collection 12/31/66	Net Accounts Receivable Taxes 12/31/66
1957 1958 1959 1960 1961 1962 1963 1964 1965	\$ 196,720.23 190,016.33 170,596.55 353,207.93 313,985.28 348,824.06 322,385.35 351,872.68 461,902.90 3,725,941.26	\$ 193,788.47 188,044.90 167,744.83 277,592.22 297,118.77 298,074.86 298,074.01 298,077.57 298,079.54	\$ (.06)	\$ 193,788.41 188,044.90 167,744.83 277,592.22 297,118.77 298,074.86 298,074.01 298,077.57 298,079.54 298,080.00	\$ 2,931.82 1,971.43 2,851.72 75,615.71 16,866.51 50,749.20 24,311.34 53,795.11 163,823.36 3,427,861.26
Total	\$6,435,452.57	<u>\$2,316,595.17</u>	\$298,079.94	\$2,614,675.11	<u>\$3,820,777.46</u>
TAXES RECEI	VABLEPARK DIS	TRICT:			
1959 1960 1961 1962 1963 1964 1965	\$ 2,744.26 2,728.66 1,733.00 2,147.40 2,420.50 2,459.30 2,742.12 24,000.00	\$ 2,512.84 2,400.00 1,770.07 1,920.00 1,920.00 1,920.00 1,920.00	\$ 231.42 0 (37.07) 0 0 0	\$ 2,744.26 2,400.00 1,733.00 1,920.00 1,920.00 1,920.00 1,920.00	\$ 0 328.66 0 227.40 500.50 539.30 822.12 22,080.00
Total	\$ 40,975.24	<u>\$ 16,282,91</u>	<u>\$ 194.35</u>	<u>\$ 16,477.26</u>	<u>\$ 24,497.98</u>