MEETING OF THE TRUSTEES

CITY OF CHATTANOOGA GENERAL PENSION PLAN

February 21, 2019

This regularly scheduled meeting of the City of Chattanooga General Pension Plan Board of Trustees was held on February 21, 2019 at 8:30 a.m. in the J. B. Collins Conference Room. Trustees present were Daisy Madison, Katie Reinsmidt, Carl Levi and Aon Miller. Others in attendance at the meeting were Scott Arnwine, Gavion, LLC; Jed Cooper, First Tennessee Bank; Ed Koebel and Jennifer Johnson, Cavanaugh Macdonald Consulting, LLC; Tanikia Jackson, City Finance Department; Beverly Moultrie, Madeline Green and Cheryl Powell, City Human Resources Department.

Definitions in the document: GPP is General Pension Plan, OPEB is Other Post-Employment Benefits

The meeting was called to order by Chair Daisy Madison. A quorum was not present at the beginning of the meeting.

Approval of Minutes

Carl Levi made a motion to approve the minutes as read from both the August 16, 2018 and the November 15, 2018 meetings. Katie Reinsmidt seconded the motion. The minutes from both meetings were approved.

Administrative Actions

Cheryl Powell presented the Administrative Actions for both the August and November reporting periods as well as the current period.

For the prior periods, the transactions needing ratification include:

- The plan received a distribution of \$75,000 in June and \$225,000 in September from DTC Diversified Partners III.
- In both August and October, there were requests to liquidate \$1 million of assets to pay benefits. The source of the funds in August was OFI GTC International Growth fund and the source for November was the iShares Russell 1000 Growth fund.
- In November there was a capital call for the GoldenTree Distressed Fund of \$168,000.
- iNetworks capital call for OPEB in October.

These four transaction types need to be ratified by the board.

Carl Levi made a motion to approve administrative actions for August, November and February. Aon Miller seconded the motion. The administrative actions were approved as presented.

Cheryl Powell provided follow-up on the amendments to the State of TN PC 990 as Valerie found the text of the amendments in House Bill 2222 and the amendment was distributed. There was also a brief discussion about the Ethics documents that Board members were asked to sign several years ago. A copy of the pertinent documents was included in the packets. Since Valerie is not present, any further discussion will wait for her return.

The board decided to schedule the next meeting on May 23 due to calendar conflicts for Gavion.

Ed Koebel did comment on the funding policy amendment. To comply with the new funding policy, the measurement standard is based on GASB which requires use of market values and does not include smoothing of assets. He will have to become more familiar with the amendment and ensure that the GASB report provided to the City contains all of the required reporting information.

- over 3, 10 and 20 year time horizons and considering the move toward more conservative assumptions, the investment return assumption will hold steady at 4.25 %. When coupled with the inflation assumption of 2.50%, the recommendation is that the investment return assumption be set at 6.75%, a reduction from the current 7.00%.
- For the plan administrative expense assumption, the recommendation is to increase the assumption from 0.42% of payroll to 0.50% of payroll.

The financial impact of the recommended changes to valuation assumptions was produced relative to the plan valuation for 12/31/2017. The result would have been an increase in the unfunded liability of \$5.2M with a contribution rate of 21.69% (compared to the actual rate of 20.50%). This translates into \$700k in increased contributions to the plan over the amount for the current plan year. The actual impact will be first applied based on the 12/31/2018 valuation.

Carl Levi made a motion to accept the recommendations for demographic assumptions, actuarial methods and economic assumptions as outlined in the presentation. Katie Reinsmidt seconded the motion. The assumptions changes were accepted by the board.

Review of Funding Policy

The board felt that this discussion was incorporated into the Experience Study results discussion so no further review is needed at this time.

Investment Performance Review 4Q 2018 – Gavion

Scott Arnwine provided the overview for the quarter. The fourth quarter results were brutal across all categories of investments. The GPP results were down 7.8% for the quarter and down 4.9% for the year before reflecting the results from the partnerships. The OPEB results were down 9.0% for the quarter and down 4.8% for the year. The main drivers of the market decline were the trade wars with China and concern about Federal Reserve policy. Managers performed with mixed results against their benchmarks in the quarter. There were no violations relative to investment policy or diversification in either fund. Only the Intercontinental US REIF and Johnson Institutional Core Bond Fund had positive results in the GPP and OPEB portfolios.

The good news is that the results for the month of January indicate a reversal with the GPP results up 4.8% for the month and the OPEB results up 5.3% for the month.

One of the categories of investment where Gavion proposes that the Board make additional investment is distressed debt. The two managers presented are Courage and GoldenTree. Both have been interviewed previously and the portfolio currently includes a GoldenTree distressed debt fund. Courage is a smaller company that focuses on North American only and mid-sized companies. GoldenTree is larger and will invest in both public and private companies in Europe as well as the US. The Board could decide to interview companies again or could decide today. The funds are only open for a short period of time. Scott recommends an investment of \$3 to \$4 million in distressed debt. There was a brief discussion about the two companies and the terms of their contracts.

Carl Levi made a motion to invest \$4 million of the GPP portfolio with GoldenTree Asset Management, LP. Katie Reinsmidt seconded the motion. The motion carried.

For the OPEB fund, since it is over 10% of the portfolio and there is room to invest in alternatives, Scott recommended adding \$1 million to Pointer from cash.

Aon Miller made a motion to move \$1 million from cash to Pointer. Carl Levi seconded the motion. The motion carried.

Scott also invited the trustees to attend the Gavion educational event May 15-16.

CITY OF CHATTANOOGA GENERAL PENSION PLAN ADMINISTRATIVE ACTIONS

Meeting of Trustees February 21, 2019

PART I - PARTICIPANT SUMMARY

SUMMARY OF PENSION PLAN APPLICATIONS

			Monthly		
Department	Туре	Option	Amount	Effective Date	DROP Notes
ECD	normal	D	\$2,390.22	1/1/2019	
Public Works	Rule of 80	В	\$1,613.17	1/1/2019	\$48,434.59
Finance	Rule of 80	D	\$1,624.78	1/1/2019	
RPA	normal	В	\$1,555.80	3/1/2019	\$75,699.47
Public Works	normal	В	\$1,467.47	12/1/2018	
YFD	Rule of 80	no	\$1,763.91	2/1/2019	\$71,258.77
Public Works	normal	Α	\$199.25	1/1/2019	
Police Services	normal	В	\$399.01	1/1/2019	
Public Works	Rule of 80	, D	\$1,204.10	2/1/2019	\$57,708.05 vested LTD
Landscape	Imm Early	E	\$892.25	2/1/2019	vested
Public Works	Rule of 80	C	\$1,115.11	12/1/2018	
Public Works	Imm Early	В	\$682.36	2/1/2019	vested
County 911	Rule of 80	Α	\$1,489.54	1/1/2019	\$56,249.85
Public Works	normal	Α	\$1,132.38	1/1/2019	
ECD	Rule of 80	В	\$1,235.03	1/1/2019	\$53,507.73
Public Works	normal	no	\$429.32	1/1/2019	
Public Works	normal	Α	\$906.97	2/1/2019	
Finance	normal	В	\$987.39	1/1/2019	
Public Works	Rule of 80	Α	\$1,420.82	1/1/2019	\$57,759.49
ECD	normal	В	\$1,309.67	1/1/2019	
General Services	Rule of 80	C	\$2,009.10	2/1/2019	
Human Services	normal	no	\$1,577.75	1/1/2019	\$62,887.26
YFD	normal	no	\$1,236.10	1/1/2019	
Recreation	Imm Early	D	\$220.79	12/1/2018	vested
	21		\$28,862,29		\$483,505.21
	ECD Public Works Finance RPA Public Works YFD Public Works Police Services Public Works Landscape Public Works County 911 Public Works ECD Public Works Finance Finan	ECD normal Public Works Rule of 80 Finance Rule of 80 RPA normal Public Works normal YFD Rule of 80 Public Works normal Public Works normal Public Works Rule of 80 Landscape Imm Early Public Works Rule of 80 Public Works Rule of 80 Public Works Rule of 80 Public Works Imm Early Public Works Imm Early Rule of 80 Public Works normal ECD Rule of 80 Public Works normal ECD Rule of 80 Public Works normal ECD Rule of 80 Public Works normal Finance normal Public Works Rule of 80 Public Works Rule of 80	ECD normal D Public Works Rule of 80 B Finance Rule of 80 D RPA normal B Public Works normal B Public Works normal A Police Services normal B Public Works Rule of 80 D Landscape Imm Early E Public Works Rule of 80 C Public Works Rule of 80 C Public Works Rule of 80 C Public Works Rule of 80 B Public Works Imm Early B County 911 Rule of 80 A Public Works normal A ECD Rule of 80 B Public Works normal A ECD Rule of 80 B Public Works normal A ECD Rule of 80 C	ECD normal D \$2,390.22 Public Works Rule of 80 B \$1,613.17 Finance Rule of 80 D \$1,624.78 RPA normal B \$1,555.80 Public Works normal B \$1,467.47 YFD Rule of 80 no \$1,763.91 Public Works normal A \$199.25 Police Services normal B \$399.01 Public Works Rule of 80 D \$1,204.10 Landscape Imm Early E \$892.25 Public Works Rule of 80 C \$1,115.11 Public Works Imm Early B \$682.36 County 911 Rule of 80 A \$1,489.54 Public Works normal A \$1,132.38 ECD Rule of 80 B \$1,235.03 Public Works normal A \$906.97 Finance normal A \$973.39 Public Works	ECD normal D \$2,390,22 1/1/2019 Public Works Rule of 80 B \$1,613.17 1/1/2019 Finance Rule of 80 D \$1,624.78 1/1/2019 RPA normal B \$1,555.80 3/1/2019 Public Works normal B \$1,467.47 12/1/2018 YFD Rule of 80 no \$1,763.91 2/1/2019 Public Works normal A \$199.25 1/1/2019 Public Works normal B \$399.01 1/1/2019 Public Works Rule of 80 D \$1,204.10 2/1/2019 Public Works Rule of 80 D \$1,204.10 2/1/2019 Public Works Rule of 80 C \$1,115.11 12/1/2018 Public Works Imm Early B \$682.36 2/1/2019 Public Works Imm Early B \$682.36 2/1/2019 Public Works normal A \$1,489.54 1/1/2019

DEATH BENEFITS - DECEASED ACTIVE OR VESTED EMPLOYEES

			Monthly		
Employee	Date of death	Type	Amount	Effective Date	Notes
Steven Myers	12/15/2018	120 months Certain	\$446.52	1/1/2019	
Mechell Jones	12/31/2018	B - survivor	\$838.12	1/1/2019 v	ested LTD
Lebron Dumas	1/31/2019	27 months Certain	\$1,464.46	2/1/2019	
	Steven Myers Mechell Jones	Steven Myers 12/15/2018 Mechell Jones 12/31/2018	Steven Myers 12/15/2018 120 months Certain Mechell Jones 12/31/2018 B - survivor	Employee Date of death Type Amount Steven Myers 12/15/2018 120 months Certain \$446.52 Mechell Jones 12/31/2018 B - survivor \$838.12	Employee Date of death Type Amount Effective Date Steven Myers 12/15/2018 120 months Certain \$446.52 1/1/2019 Mechell Jones 12/31/2018 B - survivor \$838.12 1/1/2019

BENEFIT REVISIONS/CONVERSIONS - PENDING BOARD REVIEW/APPROVAL

Previous amount

NAME TYPE Option approved Revised amount Effective date

SELECTION OF OPTIONAL BENEFIT REPORT - VESTED OR ATTAINED AGE 62 OR GREATER

NAME OPTION Effective Date 1/14/2019 Vincent White, Sr Α 1/15/2019 Monica Watson Α

DISABILITY BENEFIT REPORT

Insurance

Employee Benefit

NAME TYPE Number Amount Effective Date 67762 William D. Trotter not job related

Notes 12/26/2018 vested

LUMP SUM DISTRIBUTIONS (FOR RATIFICATION - CHECKS PROCESSED)

Return of contributions			\$50,838.23	24	4
		Employee	Refund	Termination	
NAME	Department	Number	Amount	Date	Notes
Brandon, Jerry	Airport	na	\$2,542.46	10/1/2018	
Clark, Maureen	General Services	77491	\$2,018:59	8/16/2018	
Cleveland, Maggie	Human Services	80000	\$531.81	8/2/2018	
Combs, Jimmy A	Public Works	60296	\$378.98	12/27/2018	
Davis, Jessica L	Human Services	78485	\$986.27	9/28/2018	
Foster, Darren	Public Works	81893	\$2.13	8/16/2018	
Gaddis, Andrew	Public Works	81934	\$13.47	8/9/2018	
Gann, Christopher	Public Works	82077	\$7.65	9/5/2018	
Houston, Dominique	Human Services	79975	\$463.17	8/31/2018	
Jackson, Kera	City Council	79840	\$444.09	8/3/2018	
Jetton, Andrew	Public Works	78549	\$1,003.18	11/29/2018	
Kyle, Ana	Fire services	81247	\$149.01	8/17/2018	
Latham, William B.	Public Works	80519	\$358.69	9/25/2018	
Lee, Theresa	Finance	78048	\$3,333.85	9/13/2018	
Legere, Jonathan	Public Works	80795	\$469.46	10/12/2018	
Marshall, Jerry	Public Works	63111	\$924.74	8/14/2018	
Miller, Muriel E (Wyn)	Public Works	71182	\$3,287.27	8/10/2018	
Pickett, James	Public Works	78192	\$1,200.22	8/2/2018	
Ray, Andrew	RPA	76777	\$3,004.18	9/27/2018	
Rogers, James A	Fire services	77787	1217.53	8/23/2018	
Runyan, Stacy	Public Works	81308	\$151.76	8/17/2018	
Sands, Treva A	Family Justice Center	79938	\$784.31	10/4/2018	
Timon, Mark	Genral Government	43987	\$24,375.69	12/28/2018	vested employee
Wright, Richard	Airport	па	\$3,189.72	7/27/2018	

Return of deceased retiree basis

Refund RETIREE NAME Date of Death Amount Name

Notes

Spouse death unreported; Option E differential paid to

\$3,187.15 Donnie Smith C G Smith 10/26/2018 12/3/2018 \$772.45 Carolyn Birdsong Willie A. Birdsong

PART II -- ACCOUNT SUMMARY

A 6	Ωī	INT	P	PA	VA	BI	JF.
A	 υu	JIN.		ΓA	- Tr /4	L D L	JIC.

ACCOUNTS PAYABLE	43.401 B.IT	DAID	OLLABATED	
COMPANY	AMOUNT	FYTD	QUARTER ENDING	PURPOSE
COMPANY Fiscal Year	THIS PERIOD	291,139.82	ENDING	FY2018
Fiscal Year to Date		103,973.90		FY2019
riscal Teal to Date		103,773.70		112017
Cavanaugh Macdonald				GPP valuation
Cavanaugh Macdonald	7,999.50		9/30/2018	GPP GASB 67 & 68
Cavanaugh Macdonald	7,032.50			Experience Study
Cavanaugh Macdonald	1,305.00		11/30/2018	Experience Study
Miller & Martin				
The Chattanoogan	3,414.70		1/17/2019	GPP Education Event
Alex Brown	626.68		1/25/2019	speaker reimbursement
Chattanooga Times Free Press		w.		Meeting ad
Gavion, LLC	25,000.00		12/31/2018	Investment consulting services
First Tennessee Bank	29,507.45		9/30/2018	Administrative expense
City of Chattanooga Human Resources	0.00			Administrative expense annual
City of Chattanooga Human Resources COMPANY TOTAL	0.00 74,885.83	103,973.90		Administrative expense annual
COMPANY TOTAL		103,973.90		Administrative expense annual
	74,885.83		OHADTED	Administrative expense annual
COMPANY TOTAL Investment Managers Fees Paid	74,885.83 AMOUNT	PAID	QUARTER	· · · · · · · · · · · · · · · · · · ·
COMPANY TOTAL	74,885.83		QUARTER ENDING	Administrative expense annual PURPOSE
COMPANY TOTAL Investment Managers Fees Paid	74,885.83 AMOUNT	PAID YTD	-	· · · · · · · · · · · · · · · · · · ·
COMPANY TOTAL Investment Managers Fees Paid COMPANY	74,885.83 AMOUNT	PAID	-	PURPOSE
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year	74,885.83 AMOUNT	PAID YTD 386,058.03	-	PURPOSE FY2018
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year Fiscal Year to date	74,885.83 AMOUNT THIS PERIOD	PAID YTD 386,058.03	ENDING	PURPOSE FY2018 FY2019
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year Fiscal Year to date Chartwell	74,885.83 AMOUNT THIS PERIOD 8,045.32	PAID YTD 386,058.03	ENDING 12/31/2018	PURPOSE FY2018 FY2019 Investment management fees
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year Fiscal Year to date Chartwell Kennedy Capital Management	74,885.83 AMOUNT THIS PERIOD 8,045.32 30,250.00	PAID YTD 386,058.03	ENDING 12/31/2018 12/31/2018	PURPOSE FY2018 FY2019 Investment management fees Investment management fees
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year Fiscal Year to date Chartwell Kennedy Capital Management Patten & Patten	74,885.83 AMOUNT THIS PERIOD 8,045.32 30,250.00 11,907.45	PAID YTD 386,058.03	ENDING 12/31/2018 12/31/2018 12/31/2018	PURPOSE FY2018 FY2019 Investment management fees Investment management fees Investment management fees
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year Fiscal Year to date Chartwell Kennedy Capital Management Patten & Patten Sustainable Insights	74,885.83 AMOUNT THIS PERIOD 8,045.32 30,250.00 11,907.45 7,146.41	PAID YTD 386,058.03	12/31/2018 12/31/2018 12/31/2018 12/31/2018	PURPOSE FY2018 FY2019 Investment management fees
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year Fiscal Year to date Chartwell Kennedy Capital Management Patten & Patten	74,885.83 AMOUNT THIS PERIOD 8,045.32 30,250.00 11,907.45	PAID YTD 386,058.03	12/31/2018 12/31/2018 12/31/2018 12/31/2018 9/30/2018	PURPOSE FY2018 FY2019 Investment management fees Investment management fees Investment management fees
COMPANY TOTAL Investment Managers Fees Paid COMPANY Fiscal Year Fiscal Year to date Chartwell Kennedy Capital Management Patten & Patten Sustainable Insights Wedge Capital	74,885.83 AMOUNT THIS PERIOD 8,045.32 30,250.00 11,907.45 7,146.41 31,665.26	PAID YTD 386,058.03	12/31/2018 12/31/2018 12/31/2018 12/31/2018 9/30/2018	PURPOSE FY2018 FY2019 Investment management fees

MANAGER TOTAL 113,507.32 178,213.28

ACCOUNTS RECEIVABLE

AMOUNT

COMPANY

RECEIVED

EFF DATE

REASON

Fiscal Year

Fiscal Year to date

\$388,867.30 FY2018

\$434,823.00 FY2019

Delta Venture Partners II, LP

DTC Diversified Partners III

\$200,000.00

2,078,000.00

distribution

12/7/2018 distribution

SEC vs Dollar General Corp

Northern Trust

\$200,000.00

distribution

class action litigation settlement

प्रदूष द्वा व

General fund reimburse for payment to

CMC

Plan Options request

COMPANY TOTAL	200,000.00	\$434,823.00		*	
REPORT OF MISCELLANEOUS AC	CCOUNT TRANS	ACTIONS			
COMPANY	AMOUNT	FYTD	EFF DATE	REASON	
Fiscal Year		7,368,000.00		FY2018	
Fiscal Year to Date		4,246,000.00		FY2019	
Shares Russell 1000 Value					
OFI GTC Intl Growth					
Johnson Institutional Core Bond Fund	600,000		11/20/201	8 to pay benefits	
Johnson Institutional Core Bond Fund	700,000		12/17/201	8 to pay benefits	
GoldenTree Distressed Fund	378,000		12/6/201	8 capital call	
Shares Russell 1000 Growth	400,000		2/19/201	9 to pay benefits	

2,078,000.00

REPORT OF ACCOUNT(S) PAID

MISCELLANEOUS TOTAL

	AMOUNT P	AID	MONTH	
COMPANY	THIS PERIOD	FYTD		PURPOSE
Fiscal Year		144,094.66		FY2018
Fiscal Year to date		74,471.83		FY2019
The Hartford	10,605.88		10/31/2018	Long Term Disability (50%)
The Hartford	10,657.39		11/30/2018	Long Term Disability (50%)
The Hartford	10,693.21		12/31/2018	Long Term Disability (50%)
The Hartford	10,583.09		1/31/2019	Long Term Disability (50%)
The Hartford				Long Term Disability (50%)

TOTAL	42,539.57	74,471.83

CITY OF CHATTANOOGA OPEB TRUST **ADMINISTRATIVE ACTIONS**

PART II -- ACCOUNT SUMMARY

ACCOUNTS PAYABLE

QUARTER AMOUNT PAID

PURPOSE ENDING THIS PERIOD **COMPANY** FYTD

Fiscal Year 61.333.02 FY2018 16,748.18 FY2019

Fiscal Year to Date

OPEB valuation Cavanaugh Macdonald 1,386.00 9/30/2018 OPEB GASB 74/75 Cavanaugh Macdonald

12/31/2018 Investment consulting services 5,000.00 Gavion, LLC

9/30/2018 Administrative Expense First Tennessee 4,966.18

\$16,748.18 **COMPANY TOTAL** 11,352.18

Investment Managers -- Fees Paid

AMOUNT PAID **QUARTER**

PURPOSE THIS PERIOD **FYTD ENDING COMPANY**

Fiscal Year 21,518.31 FY2018

FY2019 Fiscal Year to Date

MANAGER TOTAL

ACCOUNTS RECEIVABLE

QUARTER AMOUNT PAID

THIS PERIOD **FYTD ENDING PURPOSE COMPANY**

Prior quarter total

COMPANY TOTAL 0.00

REPORT OF MISCELLANEOUS ACCOUNT TRANSACTIONS

EFF DATE REASON **COMPANY AMOUNT FYTD**

Fiscal year 8,441,362.90 FY2018 FY2019 130,337.06 Fiscal year to date

99,009.90 12/7/2018 capital call iNetworks

board action

MISCELLANEOUS TOTAL 99,009.90 130,337.06 APPROVED:

Chairman

Secretary