MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RETIREMENT FUND MINUTES OF REGULAR MEETING December 18, 2020

Pursuant to notice by the Interim-Executive Director, the Regular Meeting of the Retirement Board of the Massachusetts Bay Transportation Authority Retirement Fund was held on Friday, December 18, 2020, at 9:34 AM, at One Washington Mall, 4th Floor, Boston, MA 02108.

The Members present by video conference were James Evers, James Bradley, Craig Hughes and Betsy Taylor; Alternate Members were, John Clancy, Patrick Hogan, Gerald Kelley, Timothy Long and Mary Ann O'Hara.

Also present were John P. Barry, Interim-Executive Director; Jacquelyn Carey, Acting - Recording Secretary; and staff. Julian Regan, Pamela Dubuc and Maureen O'Brien of Segal Marco were also present.

Interim-Chairperson James Evers presided.

SECTION II – REGULAR SESSION

a. Minutes

The Chairperson stated that the next item on the Agenda was the Consideration of Minutes of Prior Regular Meeting of the Board, November 20, 2020. He inquired if there were any questions. None were asked.

On motion, duly made and seconded, it was unanimously

<u>VOTED</u>:- TO approve the Minutes of the Regular Meeting of November 20, 2020.

b. Approvals

Chairperson Evers stated that the second item on the Agenda was Approvals. The Chairperson asked the Board to review the items listed for approval on pages 7-9 of the meeting packet. Trustee Bradley expressed thanks from a retiree who required extra assistance in finalizing his retirement. Trustee Bradley was very appreciative of the extra help provided by Fund staff.

On motion, duly made and seconded, it was unanimously

<u>VOTED</u>:- TO approve Item b. as indicated on Pages 4 through 9 of the meeting packet.

c. <u>Informational Items</u>

The Chairperson stated that <u>Section II covering Item c. as indicated on Pages 10 through 17 of the meeting packet are INFORMATIONAL ITEMS</u> to be reviewed at the Board's leisure.

d. Report of Executive Director

Chairperson Evers stated that the next item on the Agenda was a report from the Executive Director.

i. General Financial Reports

Mr. Barry directed the Board's attention to the Financial and Flash reports and gave an account of the Fund's financial activities for the month of November 2020. He reported that for the month of November, the Fund had a total of \$12,771,484 in deposits and \$18,818,864 in withdrawals for a net-negative of \$6,047,380. Executive Director Barry reported that the Fund had a market value of \$1,676,556,680 as of November 30, 2020. The Executive Director reviewed the overall performance of each of the Fund's asset classes in comparison to their respective benchmark. He noted that November was a very strong month, with over \$100 million in return. The Fund is currently over the assumed rate of return by about 200 basis points.

On motion, duly made and seconded, it was unanimously

<u>VOTED</u>:- TO approve the General Financial Report of the Executive Director for the Month of November 2020.

On motion, duly made and seconded, it was unanimously

<u>VOTED</u>:- THAT the Retirement Board of the MBTA Retirement Fund move into Closed Session.

The meeting went into Closed Session at 9:40 AM.

The regular meeting reconvened at 11:41 AM.

<u>SECTION IV – REGULAR SESSION</u>

a. Votes Taken

There being no further business to come before the Board,

On motion, duly made and seconded, it was unanimously

<u>VOTED</u>:- TO adjourn.

Adjourned accordingly at 11:42 AM

A true record.

ATTEST:	

Notary Public

Massachusetts Bay Transportation Authority Retirement Fund Summary of Performance Periods Ending: December 31, 2020

Returns - Net of Fees



	MONTH TO DATE	<u>YTD</u>	ROLLING 1 I	ROLLING 3 YEARS	ROLLING 5 YEARS	ROLLING 10 YEARS	MKT VALUE	ALLOCATION
EQUITY-USD	<u>==</u>	110	<u> </u>	<u> </u>		<u></u>	WICH THESE	ALLOOMITON
TOTAL LARGE CAP EQUITY	4.28	17.11	17.11	12.81	13.95	12.85	314,565,985	18.1
S&P 500	3.84	18.40	18.40	14.18	15.22	13.88		
TOTAL SMALL CAP EQUITY	7.89	22.66	22.66	13.24	14.84	12.43	146,350,454	8.4
RUSSELL 2000 GROWTH	9.35	34.63	34.63	16.20	16.36	13.48		
RUSSELL 2000 VALUE	7.92	4.63	4.63	3.72	9.65	-		
GLOBAL EQUITY AND EMERGING MARKETS	6.25	47.50	47.50	23.55	21.49		164,716,058	9.5
MSCI ALL COUNTRY WORLD INDEX (NET)	4.64	16.25	16.25	10.06	12.26	-		
TOTAL INTERNATIONAL EQUITY	5.30	10.56	10.56	3.99	7.53	5.78	201,733,289	11.6
MSCI EAFE	4.65	7.82	7.82	4.28	7.45	5.51		
FIXED INCOME								
TOTAL DOMESTIC FIXED INCOME	0.61	7.48	7.48	4.60	4.68	4.30	417,964,480	24.0
BC AGGREGATE	0.14	7.51	7.51	5.34	4.44	3.84		
SHORT TERM INVESTMENTS								
91 DAY T-BILL	0.01	0.67	0.67	1.61	1.20	0.64		
MASTER ACCOUNT	0.00	0.44	0.44	1.48	1.14	0.61	42,110,406	2.4
WASTER AGGGGT	0.00	0.44	0.44	1.40		0.01	42,110,400	2.7
CASH EQUITIZATION CUSTOM INDEX	5.02	16.15	16.15	10.97	13.06	11.25		
91 DAY T-BILL	0.01	0.67	0.67	1.61	1.20	0.64		
SSGM CASH EQUITIZATION	3.56	8.94	8.94	7.33	10.49	9.91	6,765,243	0.4



Returns - Net of Fees

	MONTH TO DATE	<u>YTD</u>	ROLLING 1 I	ROLLING 3 I YEARS	ROLLING 5 YEARS	ROLLING 10 YEARS	MKT VALUE	ALLOCATION
TOTAL HEDGE FUND*	3.34	2.39	3.15	1.13	1.62	_	55,318,797	3.2
91 T - BILL ONE MONTH LAG PLUS 300BP	0.26	3.42	3.82	4.68	4.24	-		
CSFB/TREMONT HEDGE FUND INDEX LAG	2.99	2.49	4.14	3.05	3.12	-		
DIVERSIFIED BETA	3.63	12.07	12.07	7.48	9.21	_	112,937,668	6.4
91 DAY T BILL PLUS 300 BPS	0.26	3.69	3.69	4.65	4.23	-		
60% MSCI WORLD EQUITY/40% BC AGG BOND	2.60	13.31	13.31	8.88	9.34	-		
BBG BARCLAYS U.S. TSY BELLWETHERS 3M PR	0.01	0.67	0.67	1.62	1.21	-		
OPPORTUNISTIC**	_	9.30	9.30	9.27	_	_	6,663,126	0.4
BANK OF AMERICA/MERRILL LYNCH HIGH YIELD QTR	-1.04	2.30	2.30	-	-	-		
PRIVATE EQUITY **								
STATE STREET PE BENCHMARK	-	2.89	3.74	9.90	9.51	11.48		
TOTAL PRIVATE EQUITY^^	10.32	17.93	17.93	11.78	9.32	9.90	132,662,502	8.7
REAL ESTATE **								
NCREIF PROPERTY INDEX QTR LAG	-	1.26	2.69	5.44	6.77	9.70		
NCREIF ODCE	-	-0.11	1.39	5.18	6.64	10.27		
TOTAL REAL ESTATE	0.68	1.25	1.25	5.50	6.44	10.58	139,197,461	8.0
TOTAL FUND								
MBTA ALLOCATION MIX	2.81	10.52	10.52	7.68	8.14	7.34		
MBTA POLICY MIX	2.51	10.57	10.57	7.67	8.51	7.91		
TOTAL FUND	4.11	13.89	13.89	9.02	9.55	8.43	1,740,985,469	100.0
PREVIOUS MKT VALUE							1,676,556,680	
MONTHLY CHANGE IN MARKET VALUE							64,428,789	
12/31/2019 MKT VALUE							1,614,144,213	
YTD CHANGE IN MARKET VALUE							126,841,256	

^{*} YTD Returns lags by one month. Actual returns through November 30, 2020

^{**} YTD Return for PE, RE, Opportunistic HF lags by one quarter. YTD return is through 9/30/2020 adjusted for cash flows. The month return is actually the last quarter returns

^{^ 36%} Buyout, 9% Venture, 37% Debt and 18% Fund of Funds

^{^^} Active portfolio - post 2005

^{***} Current Benchmark not available yet

Massachusetts Bay Transportation Authority Retirement Fund Summary of Performance Periods Ending: December 31, 2020

Returns - Gross of Fees



	MONTH TO		ROLLING 1 ROLLING 3 ROLLING 5			ROLLING		
	<u>DATE</u>	<u>YTD</u>	<u>YEAR</u>	<u>YEARS</u>	<u>YEARS</u>	<u>10 YEARS</u>	MKT VALUE	<u>ALLOCATION</u>
EQUITY-USD								
TOTAL LARGE CAP EQUITY	4.28	17.27	17.27	12.96	14.19	13.19	314,565,985	18.1
S&P 500	3.84	18.40	18.40	14.18	15.22	13.88		
TOTAL SMALL CAP EQUITY	7.89	23.15	23.15	13.80	15.47	13.13	146,350,454	8.4
RUSSELL 2000 GROWTH	9.35	34.63	34.63	16.20	16.36	13.48		
RUSSELL 2000 VALUE	7.92	4.63	4.63	3.72	9.65	-		
GLOBAL EQUITY AND EMERGING MARKETS	6.26	48.17	48.17	24.26	22.22		164,716,058	9.5
MSCI ALL COUNTRY WORLD INDEX (NET)	4.64	16.25	16.25	10.06	12.26	-		
TOTAL INTERNATIONAL EQUITY	5.33	11.32	11.32	4.69	8.27	6.50	201,733,289	11.6
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