

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RETIREMENT FUND
MINUTES OF REGULAR MEETING
October 21, 2022

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, October 21, 2022, at 9:31 AM, at One Washington Mall, 4th Floor, Boston, MA 02108.

The Members present in – person or by video conference were James Evers, James Bradley, Craig Hughes, Betsy Taylor, Mary Ann O’Hara and Paul Todisco; Alternate Members were, Jose Cruz, Gerald Kelley, Patrick Landers, Timothy Long, John Mersereau and David Panagore.

Also present were John P. Barry, Interim-Executive Director, Jacquelyn Carey, Acting Recording Secretary and staff. Julian Regan and Pamela Dubuc of Segal Marco Advisors was also present.

Interim-Chairperson James Evers presided.

SECTION II – REGULAR SESSION

a. Minutes

Chairperson Evers stated that the next item on the Agenda was the Consideration of Minutes of Prior Meeting of the Board, September 16, 2022. He inquired if there were any questions. None were asked.

On motion, duly made and seconded, it was unanimously

VOTED:- TO approve the Minutes of the Regular Meeting of September 16, 2022.

b. Approvals

Chairperson Evers stated that the second item on the Agenda was Approvals. Chairperson Evers asked the Board to review the items listed for approval on pages 4-8 of the meeting packet.

On motion, duly made and seconded, it was unanimously

VOTED:- TO approve Item b. as indicated
on Pages 4 through 8 of the meeting packet.

c. Informational Items

Chairperson Evers stated that Section II covering Items c. as indicated on Pages 9 through 19 of the meeting packet are INFORMATIONAL ITEMS 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 September 2022. He reported that for the month of September, the Fund had a total of \$19,802,681.94 in deposits and \$19,118,076 in withdrawals for a net-inflow of \$684,606. He added that the market value at the end of September 2022 was \$1,575,989,925. Mr. Barry reviewed the overall performance of each of the Fund's asset classes in comparison to their respective benchmark noting that private equity, private credit and real estate have been marked for 2nd quarter 2022 valuations. The total fund is outperforming both the allocation and policy mix for the year 2022.

On motion, duly made and seconded, it was unanimously

VOTED:- TO approve the General Financial Report of the Executive Director for the Month of September 2022.

On motion, duly made and seconded, it was unanimously

VOTED:- THAT the Retirement Board of the MBTA Retirement Fund move into Closed Session.

The meeting went into Closed Session at 9:36 AM.

The regular meeting reconvened at 12:06 PM.

SECTION IV – REGULAR SESSION

There being no further business to come before the Board,

On motion, duly made and seconded, it was unanimously

VOTED:- TO adjourn.

Adjourned accordingly at 12:07 PM.

A true record.

ATTEST:

Notary Public



Returns - Net of Fees

	<u>MONTH TO</u>		<u>ROLLING</u>	<u>ROLLING</u>	<u>ROLLING</u>	<u>ROLLING</u>		
	<u>DATE</u>	<u>YTD</u>	<u>1 YEAR</u>	<u>3 YEARS</u>	<u>5 YEARS</u>	<u>10 YEARS</u>	<u>MKT VALUE</u>	<u>ALLOCATION</u>
<u>EQUITY-USD</u>								
TOTAL LARGE CAP EQUITY	8.98	-15.75	-13.17	10.17	9.87	11.76	294,009,040	18.2
S&P 500	8.10	-17.70	-14.61	10.22	10.44	12.79		
TOTAL SMALL CAP EQUITY	10.93	-19.61	-19.45	8.83	7.93	11.01	126,457,203	7.8
RUSSELL 2000 GROWTH	9.49	-22.57	-26.02	5.11	5.17	10.15		
RUSSELL 2000 VALUE	12.59	-11.19	-10.73	8.08	5.31	-		
GLOBAL EQUITY AND EMERGING MARKETS	0.99	-38.85	-43.15	2.12	5.34	9.81	95,296,761	5.9
MSCI ALL COUNTRY WORLD INDEX (NET)	6.03	-21.14	-19.96	4.85	5.24	7.98		
<u>TOTAL INTERNATIONAL EQUITY</u>								
MSCI EAFE	5.23	-25.99	-26.42	-2.55	-1.46	3.52	154,948,877	9.6
<u>FIXED INCOME</u>								
TOTAL DOMESTIC FIXED INCOME	-0.59	-12.56	-12.48	-1.66	0.17	1.60	365,058,753	22.6
BC AGGREGATE	-1.30	-15.72	-15.68	-3.77	-0.54	0.74		
<u>SHORT TERM INVESTMENTS</u>								
91 DAY T-BILL	0.16	0.76	0.78	0.58	1.16	0.70		
MASTER ACCOUNT	0.26	0.96	0.96	0.56	1.11	0.68	30,401,399	1.9
CASH EQUITIZATION CUSTOM INDEX	8.01	-18.56	-17.24	6.94	6.98	10.12		
91 DAY T-BILL	0.16	0.76	0.78	0.58	1.16	0.70		
SSGM CASH EQUITIZATION	8.04	-6.81	-5.74	7.11	6.33	9.40	7,121,701	0.4



Returns - Net of Fees

	<u>MONTH TO</u> <u>DATE</u>	<u>YTD</u>	<u>ROLLING</u> <u>1 YEAR</u>	<u>ROLLING</u> <u>3 YEARS</u>	<u>ROLLING</u> <u>5 YEARS</u>	<u>ROLLING</u> <u>10 YEARS</u>	<u>MKT VALUE</u>	<u>ALLOCATION</u>
TOTAL HEDGE FUND*	-1.78	-2.79	-2.65	3.75	2.05	2.81	65,282,777	4.0
91 T - BILL ONE MONTH LAG PLUS 300BP	0.50	3.12	3.63	3.61	4.18	3.70		
DIVERSIFIED BETA	2.80	-20.34	-19.33	-0.38	2.03	-	89,924,226	5.6
91 DAY T BILL PLUS 300 BPS	0.40	3.28	3.80	3.60	4.20	3.72		
60% MSCI WORLD EQUITY/40% BC AGG BOND	3.79	-18.11	-17.10	2.46	3.90	-		
BBG BARCLAYS U.S. TSY BELLWETHERS 3M PR	0.18	0.79	0.80	0.59	1.17	-		
OPPORTUNISTIC**	0.00	1.24	1.95	8.61	8.87	-	21,055,514	1.3
BANK OF AMERICA/MERRILL LYNCH HIGH YIELD QT	6.02	-8.26	-7.73	1.75	-	-		
PRIVATE CREDIT**								
STATE STREET PE CREDIT BENCHMARK	0.00	2.30	6.30	-	-	-		
TOTAL PRIVATE CREDIT	0.00	1.56	7.18	-	-	-	25,012,069	1.5
PRIVATE EQUITY **								
STATE STREET PE BENCHMARK	0.00	0.11	6.37	19.66	17.00	14.25		
TOTAL PRIVATE EQUITY^^	0.00	7.03	6.49	21.91	16.38	10.34	156,809,658	9.7
REAL ESTATE **								
NCREIF PROPERTY INDEX QTR LAG	0.00	15.42	21.45	10.22	8.86	9.67		
NCREIF ODCE	0.00	13.08	22.09	12.37	10.24	10.92		
TOTAL REAL ESTATE	0.00	17.03	23.32	10.35	9.40	11.41	183,900,458	11.4
TOTAL FUND								
MBTA ALLOCATION MIX	2.82	-11.10	-9.76	5.30	5.85	6.65		
MBTA POLICY MIX	2.78	-10.54	-9.12	5.16	5.38	6.87		
TOTAL FUND	2.88	-9.97	-9.60	6.46	6.23	7.39	1,615,278,436	100.0
PREVIOUS MKT VALUE							1,575,989,925	
MONTHLY CHANGE IN MARKET VALUE							39,288,510	
12/31/2021 MKT VALUE							1,939,942,425	
YTD CHANGE IN MARKET VALUE							-324,663,989	

* YTD Returns lags by one month. Actual returns through September 30, 2022

** YTD Return for PE, RE, Opportunistic HF lags by one quarter. YTD return is through 06/30/2022 adjusted for cash flows.

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

^^ Active portfolio - post 2005



Returns - Gross of Fees

	<u>MONTH TO</u> <u>DATE</u>	<u>YTD</u>	<u>ROLLING</u> <u>1 YEAR</u>	<u>ROLLING</u> <u>3 YEARS</u>	<u>ROLLING</u> <u>5 YEARS</u>	<u>ROLLING</u> <u>10 YEARS</u>	<u>MKT VALUE</u>	<u>ALLOCATION</u>
<u>EQUITY-USD</u>								
TOTAL LARGE CAP EQUITY	9.00	-15.62	-13.02	10.34	10.03	12.05	294,009,040	18.2
S&P 500	8.10	-17.70	-14.61	10.22	10.44	12.79		
TOTAL SMALL CAP EQUITY	11.04	-19.32	-19.13	9.26	8.45	11.65	126,457,203	7.8
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5.38	-23.17	-23.00	-1.27	-0.09	5.76			
<u>FIXED INCOME</u>								
TOTAL DOMESTIC FIXED INCOME	-1.54	-15.57	-15.66	-4.09	-1.42	0.63	365,058,753	22.6
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