

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RETIREMENT FUND  
MINUTES OF REGULAR MEETING  
September 15, 2023

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 at 9:33 AM on Friday, September 15, 2023, at One Washington Mall, 4<sup>th</sup> Floor, Boston, MA 02108.

The Members present, in person or by video conference, were James Evers, James Bradley, Timothy Long, Chanda Smart and Paul Todisco; Alternate Members were Jose Cruz, Gerald Kelley, James Joyce, John Mersereau and Thomas McGee. Also present were John P. Barry - Interim-Executive Director, Jacquelyn Carey - Acting Recording Secretary and staff. In addition, Pamela Dubuc and Julian Regan of Segal Marco Advisors were present.

Interim-Chairperson James Evers presided.

SECTION II – REGULAR SESSION

a. Minutes

Chairperson Evers stated that the first item on the Agenda was the Consideration of Minutes of Prior Meeting of the Board, August 18, 2023. 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 August 18, 2023.

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 through 10 of the meeting packet.

On motion, duly made and seconded, it was unanimously

VOTED: TO approve Item b. as indicated  
on Pages 4 through 10 of the meeting packet.

c. Informational Items

Chairperson Evers stated that Section II covering Item c. as indicated on Pages 11 through 16 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 August 2023. He reported that for the month of August, the Fund had a total of \$13,489,831 in deposits and \$20,152,720 in withdrawals for a net-outflow of \$6,662,889. He added that the market value at the end of August 2023 was \$1,670,159,015. Mr. Barry reviewed the overall performance of each of the Fund's asset classes in comparison to their respective benchmark, noting the total fund return was slightly trailing both the allocation and policy mixes for the year.

On motion, duly made and seconded, it was unanimously

VOTED: TO approve the General Financial Report of the Executive Director for the Month of August 2023.

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 9:39 AM.

The regular meeting reconvened at 11:52 AM.

#### SECTION IV – REGULAR SESSION

There was no further business to come before the Board.

On motion, duly made and seconded, it was unanimously

VOTED: TO adjourn.

Adjourned accordingly at 11:53 AM.

A true record.

ATTEST:

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Notary Public

Returns - Net of Fees

	<u>MONTH TO DATE</u>	<u>YTD</u>	<u>ROLLING 1 YEAR</u>	<u>ROLLING 3 YEARS</u>	<u>ROLLING 5 YEARS</u>	<u>ROLLING 10 YEARS</u>	<u>MKT VALUE</u>	<u>ALLOCATION</u>
<b><u>EQUITY-USD</u></b>								
TOTAL LARGE CAP EQUITY	-4.18	9.90	19.49	10.41	9.13	10.52	296,002,592	18.4
S&P 500	-4.77	13.07	21.62	10.15	9.92	11.91		
TOTAL SMALL CAP EQUITY	-5.75	3.87	10.96	8.34	4.36	7.86	116,870,417	7.3
RUSSELL 2000 GROWTH	-6.60	5.24	9.59	1.09	1.55	6.72		
RUSSELL 2000 VALUE	-5.21	-0.53	7.84	13.32	2.59	-		
GLOBAL EQUITY AND EMERGING MARKETS	-6.74	10.51	14.49	-4.83	5.21	8.54	107,998,821	6.7
MSCI ALL COUNTRY WORLD INDEX (NET)	-4.14	10.06	20.80	6.89	6.46	7.56		
<b><u>TOTAL INTERNATIONAL EQUITY</u></b>								
TOTAL INTERNATIONAL EQUITY	-4.55	5.02	23.42	2.60	1.38	3.07	181,796,408	11.3
MSCI EAFE	-3.42	7.08	25.65	5.75	3.24	3.82		
<b><u>FIXED INCOME</u></b>								
TOTAL DOMESTIC FIXED INCOME	-1.90	0.85	2.71	-2.50	0.97	1.89	373,534,699	23.3
BC AGGREGATE	-2.54	-1.21	0.64	-5.21	0.10	1.13		
<b><u>SHORT TERM INVESTMENTS</u></b>								
91 DAY T-BILL	0.46	3.60	4.47	1.70	1.72	1.11		
MASTER ACCOUNT	0.44	3.78	4.73	1.79	1.70	1.11	31,452,604	2.0
CASH EQUITIZATION CUSTOM INDEX	-4.61	9.42	19.94	8.78	6.91	8.93		
91 DAY T-BILL	0.46	3.60	4.47	1.70	1.72	1.11		
SSGM CASH EQUITIZATION	-4.82	7.24	16.80	8.89	6.16	8.05	8,087,417	0.5



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>
<b>TOTAL HEDGE FUND*</b>	<b>0.38</b>	<b>5.39</b>	<b>5.06</b>	<b>5.33</b>	<b>2.62</b>	<b>2.72</b>	<b>69,826,053</b>	<b>4.4</b>
<b>HFRI (Fund of Funds)*</b>	<b>-0.29</b>	<b>2.99</b>	<b>4.77</b>	<b>3.83</b>	<b>3.42</b>	<b>3.29</b>		
<b>DIVERSIFIED BETA</b>	<b>-1.95</b>	<b>2.18</b>	<b>5.86</b>	<b>-0.31</b>	<b>2.64</b>	<b>3.71</b>	<b>51,815,107</b>	<b>3.2</b>
<b>91 DAY T BILL PLUS 300 BPS</b>	<b>0.70</b>	<b>5.91</b>	<b>7.59</b>	<b>4.75</b>	<b>4.76</b>	<b>4.15</b>		
<b>60% MSCI WORLD EQUITY/40% BC AGG BOND</b>	<b>-3.60</b>	<b>6.10</b>	<b>13.16</b>	<b>2.81</b>	<b>4.70</b>	<b>-</b>		
<b>BBG BARCLAYS U.S. TSY BELLWETHERS 3M PR</b>	<b>0.44</b>	<b>3.72</b>	<b>4.65</b>	<b>1.76</b>	<b>1.76</b>	<b>1.14</b>		
<b>OPPORTUNISTIC**</b>	<b>3.24</b>	<b>7.57</b>	<b>6.36</b>	<b>8.92</b>	<b>9.00</b>	<b>-</b>	<b>30,895,314</b>	<b>1.9</b>
<b>BANK OF AMERICA/MERRILL LYNCH HIGH YIELD QT</b>	<b>1.63</b>	<b>9.61</b>	<b>8.87</b>	<b>3.21</b>	<b>3.19</b>	<b>-</b>		
<b>PRIVATE CREDIT**</b>								
<b>STATE STREET PE CREDIT BENCHMARK</b>	<b>2.28</b>	<b>5.42</b>	<b>-4.02</b>	<b>14.56</b>	<b>-</b>	<b>-</b>		
<b>TOTAL PRIVATE CREDIT</b>	<b>-1.16</b>	<b>0.81</b>	<b>0.21</b>	<b>17.52</b>	<b>-</b>	<b>-</b>	<b>25,692,536</b>	<b>1.6</b>
<b>PRIVATE EQUITY **</b>								
<b>STATE STREET PE BENCHMARK</b>	<b>2.10</b>	<b>3.35</b>	<b>-2.86</b>	<b>22.64</b>	<b>14.93</b>	<b>13.43</b>		
<b>TOTAL PRIVATE EQUITY^^</b>	<b>-0.02</b>	<b>-2.07</b>	<b>-2.71</b>	<b>17.62</b>	<b>13.78</b>	<b>11.25</b>	<b>153,947,711</b>	<b>9.6</b>
<b>REAL ESTATE **</b>								
<b>NCREIF PROPERTY INDEX QTR LAG</b>	<b>-1.98</b>	<b>-7.12</b>	<b>-6.60</b>	<b>6.79</b>	<b>5.90</b>	<b>7.82</b>		
<b>NCREIF ODCE</b>	<b>-2.68</b>	<b>-5.76</b>	<b>-9.97</b>	<b>7.99</b>	<b>6.50</b>	<b>8.74</b>		
<b>TOTAL REAL ESTATE</b>	<b>-5.29</b>	<b>-13.18</b>	<b>-13.82</b>	<b>4.28</b>	<b>4.25</b>	<b>8.24</b>	<b>156,455,685</b>	<b>9.8</b>
<b>TOTAL FUND</b>								
<b>MBTA ALLOCATION MIX</b>	<b>-2.54</b>	<b>3.78</b>	<b>8.36</b>	<b>5.47</b>	<b>5.95</b>	<b>6.03</b>		
<b>MBTA POLICY MIX</b>	<b>-2.44</b>	<b>4.19</b>	<b>9.75</b>	<b>5.59</b>	<b>5.66</b>	<b>6.58</b>		
<b>TOTAL FUND</b>	<b>-3.23</b>	<b>2.14</b>	<b>6.64</b>	<b>5.22</b>	<b>5.52</b>	<b>6.36</b>	<b>1,604,375,364</b>	<b>100.0</b>
<b>PREVIOUS MKT VALUE</b>							<b>1,670,159,015</b>	
<b>MONTHLY CHANGE IN MARKET VALUE</b>							<b>-65,783,651</b>	
<b>12/31/2022 MKT VALUE</b>							<b>1,622,548,978</b>	
<b>YTD CHANGE IN MARKET VALUE</b>							<b>-18,173,614</b>	

\* YTD Returns lags by one month. Actual returns through July 31, 2023

\*\* YTD Return for PE, RE, Opportunistic HF lags by one quarter. YTD return is through 3/31/2023 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 DATE</u>	<u>YTD</u>	<u>ROLLING 1 YEAR</u>	<u>ROLLING 3 YEARS</u>	<u>ROLLING 5 YEARS</u>	<u>ROLLING 10 YEARS</u>	<u>MKT VALUE</u>	<u>ALLOCATION</u>
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