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1	NEW YORK CITY TEACHERS' RETIREMENT SYSTEM
0	REGULAR BOARD MEETING
2	Held on Thursday, March 16, 2017 at
3	55 Water Street
	New York, New York
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5	ATTENDEES:
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7	JOHN ADLER, Chairperson, Trustee, Mayor's Office PATRICIA REILLY, Executive Director, TRS DEBRA PENNY, Trustee, TRS
8	DAVID KAZANSKY, Trustee, TRS THOMAS BROWN, Trustee, TRS
9	SUSANNAH VICKERS, Trustee, Comptroller's Office RAYMOND ORLANDO, Trustee
10	THADDEUS MCTIGUE, Deputy Executive Director, TRS ANDREW BRADFORD, TRS
11	VALERIE BUDZIK, TRS RENEE PEARCE, TRS
12	PAUL RAUCCI, TRS LIZ SANCHEZ, TRS
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14	MELVIN AARONSON, TRS ROBERT BETHELMY, TRS
15	ELLEN DELEO, TRS
10	ANNETTE HANRAHAN, TRS
16	ANTHONY MEZZACAPPA, TRS CARMELA CRIVELLI, TRS
17	SHERRY CHAN, Chief Actuary
1.0	AMY CASSIDY, Corporation Counsel
18 19	MARTA ROSS, Corporation Counsel
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2	PROCEEDINGS
-	(Time noted: 3:35 p.m.)
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4 5	CUNTEDFORM ADIED. Walkama to the
5 6	CHAIRPERSON ADLER: Welcome to the Teachers Retirement System Board meeting for March
7	16, 2017.
8	Patricia, please call the roll.
9	MS. REILLY: John Adler?

CHAIRPERSON ADLER: Here. 10 11 MS. REILLY: Thomas Brown? 12 MR. BROWN: Here. 13 MS. REILLY: David Kazansky? 14 MR. KAZANSKY: Present. 15 MS. REILLY: Ray Orlando? 16 (No response.) 17 MS. REILLY: Debra Penny? MS. PENNY: Here. 18 19 MS. REILLY: Susannah Vickers? 20 MS. VICKERS: Here. 21 MS. REILLY: We do have a quorum. 22 CHAIRPERSON ADLER: Thank you very much. 23 Next on the agenda. 24 MS. REILLY: There's an update on TRS 25 operations from Ellen DeLeo. 0003 1 MS. DELEO: As a follow-up to our TDA 2 fall campaign, TRS will be conducting the TDA spring campaign in early April, using an e-mail 3 blast for new members that have joined TRS on or 4 5 after December 1, 2016. б The theme is the same as the TDA fall 7 campaign, and the e-mail blast will be going out to 8 approximately 972 members. 9 2017 is TRS' centennial year. One way 10 that we are recognizing this milestone is by 11 sending special birthday cards to TRS members who 12 are also turning 100 during 2017. There are 13 approximately 80 members in this group. 14 We are happy to report that one of these 15 members contacted our call center just to thank TRS 16 for sending the lovely card. 17 MS. REILLY: Thank you, Ellen. 18 Next is the executive director's report, 19 and the matter of the next meeting. 20 It's been suggested that the next 21 regular meeting of the Teachers' Retirement Board 22 be held on the third Thursday of the month, April 23 20, 2017. 24 Then we have a resolution for the 25 authorization to the Comptroller of the City of New 0004 1 York to invest certain funds. At its meeting on December 22, 2016, the Teachers' Retirement Board 2 3 authorized the Comptroller to invest certain funds 4 of the Teachers' Retirement System --5 MR. KAZANSKY: Waive the reading, б please. 7 MS. REILLY: Thank you. 8 CHAIRPERSON ADLER: We'll waive the 9 whole reading, okay. 10 We need a motion to approve the 11 resolution for authorization to the Comptroller to

12 invest certain funds. 13 MR. BROWN: So moved. 14 MR. KAZANSKY: Second. 15 CHAIRPERSON ADLER: Is there any 16 discussion? 17 (No response.) 18 All in favor of the motion please say 19 "Aye." 20 (A chorus of "Ayes.") 21 All opposed say "Nay." 22 Abstentions? (No response.) 23 24 The motion carries. 25 MS. REILLY: Next is the authorization 0005 to the Comptroller of the City of New York to 1 2 invest certain tax deferred annuity funds. 3 MR. KAZANSKY: Please waive the reading. 4 CHAIRPERSON ADLER: Thank you. 5 We need a motion to authorize the б Comptroller to invest certain tax deferred annuity 7 funds. 8 Is there such a motion? 9 MR. KAZANSKY: So moved. 10 CHAIRPERSON ADLER: Is there a second? 11 MS. PENNY: Second. 12 CHAIRPERSON ADLER: Any discussion? 13 (No response.) All in favor of the motion to authorize 14 15 the Comptroller to invest certain tax deferred 16 annuity funds please say "Aye." 17 (A chorus of "ayes.") 18 Any opposed say "Nay." 19 Any abstentions? 20 (No response.) 21 Motion carries. 22 MS. REILLY: Next is the actuary's recommendation for preliminary fiscal year 2018 23 24 employer contribution to the Teachers' Retirement 25 System of the City of New York. 0006 1 "Whereas, the Actuary, in a letter dated 2 March 8, 2017, recommended that the retirement 3 board request a preliminary employer contribution 4 of \$3,850,783,556 for fiscal year 2018, from July 5 1, 2017 through June 30, 2018. б "And whereas the retirement board has 7 reviewed the recommendation. Therefore be it 8 resolved that the retirement board hereby approved 9 the preliminary fiscal year 2018 employer 10 contribution to the Teachers' Retirement System of 11 the City of New York of \$3,850,783,556. 12 CHAIRPERSON ADLER: Is there a motion to 13 approve the Actuary's recommendation for the

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14
     preliminary FY 18 employer contribution?
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                MR. BROWN: So moved.
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                MS. VICKERS: Second.
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                CHAIRPERSON ADLER: Any discussion?
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                I have a question for Sherry.
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                I believe your memo said that this
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     contribution represented approximately $30 million
21
     -- what's the comparison of this fiscal year
22
     contribution to last year's fiscal year
23
     contribution?
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                MS. CHAN: Last year preliminary '17
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     employer contribution was about $3.88 billion.
                                                     So
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     it's a reduction of $37 million and change.
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                CHAIRPERSON ADLER: Can you summarize
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     why the contribution is going down?
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                MS. CHAN: There was a gain. A large
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     majority of that was due to either the unit value
 б
     decreasing in the variable fund, or the salary
 7
     gain; meaning that the negotiated contract settled
     for less than what we assumed. And the rest of
 8
 9
     that was regular actuarial gain/loss, and that
10
     amounted to actually less than 1 percent, 0.6
11
    percent gain.
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                CHAIRPERSON ADLER:
                                    Thank you.
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                Any further discussion?
14
                (No response.)
15
                A motion's been made and seconded.
                All in favor of the motion of the
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17
     Actuary's recommendation for preliminary fiscal
18
     year 2018 employer contribution please say "Aye."
19
                (A chorus of "ayes.")
20
                Opposed say "Nay."
21
                Any abstentions?
22
                (No response.)
23
                The motion carries.
24
                MS. REILLY: Next is the Actuary's
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     fiscal year 2016 reimbursement calculation
8000
1
     resulting from Chapter 41 of the laws of 2016.
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                MR. KAZANSKY: Please skip to the
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     resolves.
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                MS. REILLY: "Resolved, that the TRS
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     Board of Trustees approves a voucher in the amount
 б
     of SS$365,661 for fiscal year 2016 to be submitted
 7
     to the State Comptroller for audit, warrant and
 8
     payment to TRS, as reimbursement for carrying out
 9
     the provisions of Chapter 41."
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                CHAIRPERSON ADLER: Is there a motion to
11
     approve this resolution?
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                MS. PENNY: So moved.
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                CHAIRPERSON ADLER: Is there a second?
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                MS. VICKERS: Second.
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                CHAIRPERSON ADLER: Any discussion?
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16 (No response.) 17 All in favor of the motion to approve 18 the resolution regarding the 2016 reimbursement 19 calculation resulting from Chapter 41 of the laws 20 of 2016 please say "Aye." 21 (A chorus of "ayes.") 22 All opposed say "nay." 23 Abstentions? 2.4 (No response.) 25 Motion carries. 0009 1 MS. REILLY: Next is the calendar. All the Trustees should have received an electronic 2 3 version of the full calendar. And the first item on the calendar is 4 5 the matter of the approval of the minutes of the б regular meeting held February 16, 2017. 7 CHAIRPERSON ADLER: Is there a motion to 8 approve the minutes for the meeting of February 16, 9 2017? 10 MR. BROWN: So moved. 11 CHAIRPERSON ADLER: Is there a second? 12 MS. VICKERS: Second. CHAIRPERSON ADLER: Any discussion? 13 14 (No response.) 15 All in favor of the motion to approve the minutes for the meeting of February 26, 2017 16 17 please say "Aye." 18 (A chorus of "Ayes.") 19 Any opposed say "Nay." 20 Abstentions? 21 (No response.) 22 Motion carries. 23 MS. REILLY: Now the items on the 24 calendar. 25 Pages 1 through 14 inclusive are the 0010 1 monthly periodic payroll of TDA excess and loan 2 payments. 3 Page 15 is the payroll summary, accounts 4 payable, new retirees and TDA accounts. 5 Page 16 through 36 inclusive is the б transfer of active TDA deferred annuity payments. 7 Pages 37 through 78 inclusive are 8 fractional payments. 9 Pages 79 through 88 inclusive are 10 uncollected checks of deceased members. 11 Pages 89 to 104 inclusive are the 12 beneficiary continuing option payments. 13 Pages 105 to 113 inclusive are 14 conversion to pop up payments. 15 Pages 114 through 145 inclusive are 16 beneficiaries who receive one time payments from 17 QPP and TDA accounts.

18 Pages 146 through 148 is the return net 19 accumulated salary deductions. 20 Page 149 inclusive is the transfer of 21 funds between banks. 22 Pages 115 through 154 inclusive is the 23 purchase and sales of securities transacted from 24 the passport fund program. 25 Page 155 inclusive are successive 0011 1 installments. 2 Pages 156 through 164 are outstanding 3 checks. 4 Pages 165 through 225 inclusive are 5 revisions including those under class coverage. б Page 226 inclusive are layoffs without 7 pay. 8 Pages 227 through 228 inclusive are 9 payments for service credit. 10 Page 229 inclusive are denied accident 11 disabilities. 12 Page 230 inclusive are denied ordinary 13 disabilities. 14 Page 231 inclusive are minimum 15 accumulations. 16 Page 232 inclusive are rules and 17 regulations for life insurance coverage. 18 Page 233 inclusive are new service 19 retirement payments. 20 That concludes the calendar. 21 CHAIRPERSON ADLER: Is there a motion to 22 approve the calendar? 23 MR. KAZANSKY: So moved. 24 MS. VICKERS: Second. 25 CHAIRPERSON ADLER: Any discussion? 0012 1 (No response.) 2 All in favor of approval of the calendar 3 say "Aye." 4 (A chorus of "ayes.") 5 Opposed? б Abstentions? 7 (No response.) 8 Motion carries. 9 MS. REILLY: Next on the agenda is any 10 other business. 11 CHAIRPERSON ADLER: Any other business? 12 (No response.) 13 I don't think there is. 14 MS. REILLY: Questions or comments from 15 the public. 16 CHAIRPERSON ADLER: Questions or 17 comments from the public? 18 (No response.) 19 CHAIRPERSON ADLER: I think that

concludes the agenda for today. Is there a motion to adjourn? MR. BROWN: So moved. MR. KAZANSKY: Second. CHAIRPERSON ADLER: Discussion? All in favor of the motion to adjourn say "Aye." (A chorus of "Ayes.") Any opposed say "Nay." Abstentions? (No response.) б Motion carries. We are adjourned. (Time noted: 3:51 p.m.) CERTIFICATION I, Jeffrey Shapiro, a Shorthand Reporter and Notary Public, within and for the State of New York, do hereby certify that I reported the proceedings in the within-entitled matter, on Thursday, March 16, 2017, at the offices of the NEW YORK CITY TEACHERS RETIREMENT SYSTEM, 55 Water Street, New York, New York, and that this is an accurate transcription of these proceedings. IN WITNESS WHEREOF, I have hereunto set my hand this 20th day of March, 2017. JEFFREY SHAPIRO