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1	NEW YORK CITY TEACHERS' RETIREMENT SYSTEM REGULAR BOARD MEETING
2	Held on Thursday, February 26, 2015 at
3	55 Water Street New York, New York
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б	ATTENDEES:
7	MELVYN AARONSON, CHAIRPERSON, Trustee, TRS SANDRA MARCH, Trustee, TRS THOMAS BROWN, Trustee, TRS
8	JENNIFER MALDONADO, Trustee
9	CAROLYN WOLPERT, Trustee, Finance JOHN ADLER, Trustee, Finance SUSANNAH VICKERS, Trustee, Comptroller's Office
10	PATRICIA REILLY, Executive Director, TRS ANDREW BRADFORD, TRS
11	VALERIE BUDZIK, TRS RENEE PEARCE, TRS
12	LIZ SANCHEZ, TRS SUSAN STANG, TRS
13	JOHN GIBNEY, Actuary's Office CAROL HASDAY, Actuary's Office
14	KEITH SNOW, Corporation Counsel ROBERT BETHELMY
15	CARMELA CRIVELLI ELLEN DELEO
16	ANNETTE HANRAHAN ANTHONY MEZZACAPPA
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1	PROCEEDINGS
2 3	(Time noted: 3:45 p.m.)
4	MS. REILLY: Good afternoon. We're going
5 6 7	to begin the February 26, 2015 regular meeting of the Teachers' Retirement Board. I will start by calling
7 8	the roll. Melvyn Aaronson?
9	CHAIRPERSON AARONSON: Here.
10 11	MS. REILLY: Thomas Brown?
1112	MR. BROWN: Here. MS. REILLY: Jennifer Maldonado?

13 MS. MALDONADO: Here. 14 MS. REILLY: Sandra March? 15 MS. MARCH: Present. 16 MS. REILLY: Susannah Vickers? 17 MS. VICKERS: Here. 18 MS. REILLY: John Adler? 19 MR. ADLER: Here. 20 MS. REILLY: We have a quorum. 21 The next item is an update on TRS operations, Ellen Deleo. 22 23 MS. DELEO: I have two updates. TRS has 24 begun work on the effort to notify members required to 25 take a minimum distribution in 2015. The population 0003 1 of members who will be receiving their first RMD in 2015 was provided to the UFT, so that they can invite 2 3 these members to the RMD conference that they will be 4 hosting to explain the RMD process. In advance of the 5 conference TRS will be providing RMD notification to б an estimated 2,568 first time RMD recipients. 7 In addition to the first time recipients, 8 approximately 19,400 members who received RMDs last year will be notified of their requirement to receive 9 10 another RMD in the calendar year. 11 CHAIRPERSON AARONSON: Ellen, does that 12 mean we have approximately 22,000 retired members aged 13 70 and older? 14 MS. DELEO: That's correct. And there's 15 a small additional population of TDAB participants 16 that will also receive distribution. 17 Fourth quarter 2014 statements were made 18 available to our members for viewing using on our 19 website. And the mailing of statements for those 20 members wishing to receive a print copy was completed 21 on February 6. 22 MS. REILLY: Thank you. 23 Next is a presentation by Deloitte & 24 Touche. 25 MR. MALLOY: Good afternoon. I'm Mike 0004 Malloy. You should all have a letter. 1 2 I will go through the letter. There are 3 certain parts I will read from, but other parts I will just summarize for you. If there are questions, 4 5 certainly we can go through those questions at the б end. 7 We have completed our audit of the 8 Teachers' Retirement System for the City of New York, 9 the qualified pension plan and the Teachers' 10 Retirement System of the City of New York tax deferred 11 annuity program -- TDA that's referred to -- and I 12 will refer to it all as "the systems." We completed our audit for the year ending 13 14 June 30, 2014 and for the year end as well. We issued

our report October 29, 2014, and the CAFR was issued 15 16 December 18 -- my birthday. 17 MS. MARCH: You have the same birthday as 18 Randi Weingarten, same day. 19 MR. MALLOY: So, the pension plan adopted 20 GASB 7, which I will talk about a little bit in a few 21 minutes. That was one of the adoptions that was an 22 additional paragraph in the audit. 23 We conducted our audit in accordance with 24 auditing standards generally accepted in the United 25 States of America. As part of doing an audit, the 0005 1 auditor is issuing an opinion on the financial 2 statement with regard to fairness and presentation of 3 the financial statements and disclosures, as well. As part of doing any sort of audit, we're 4 5 looking at internal controls, and from the standpoint б of the pension systems we review the internal controls 7 manually and electronically. We're not doing that 8 from the standpoint of issuing a separate opinion on 9 the internal controls. There's two reports that get 10 issued, one on financial statements and one on 11 controls. 12 That's not required for the pension 13 system, so we don't don't issue two separate opinions. 14 We look at internal controls, we do testing on 15 internal controls from the standpoint of understanding 16 of the controls, making sure they're operating 17 effectively. 18 We do that also for purposes of trying to 19 determine risk, errors of risk, and also for planning 20 our audit testing, which requires us to outline the nature, time and extent of the detailed procedures 21 22 that we did during our audit. 23 With regard to the financial statements, 24 like all financial statements, there are certain 25 elements, accounting estimates that go into preparing 0006 a set of financial statements. The pension system is 1 2 no different. The more significant areas of 3 estimation included in the pension system are the 4 determination of fair value of the investments, the 5 actuarial asset value, the actuarial liability, and б the actuarial determined net liability. 7 For the year ended June 30, 2014, there 8 were no changes with any of the significant estimates 9 with regard in the method or the approach or how we 10 calculated. 11 Uncorrected misstatements: There were no 12 uncorrected misstatements, errors that are material. 13 Material misstatements: There were no 14 materially corrected misstatements. 15 Significant accounting policies are laid 16 out in Note 2 to the financial statements. There were

17 no significant changes with regard to them, other than 18 the adoption of GASB 67 and 68. 19 With regard to disagreements with 20 management, we had none. We're not aware of any 21 communications that the pension system had with 22 outside accountants. 23 However, I'd say the City did contract 24 with KPMG to assist with the adoption of GASB 67, 68. 25 There was a lot of reworking of the financial 0007 1 statement presentation this year. So they assisted really in just helping to draft the template format of 2 3 each of the systems -- ultimately the prepared forms 4 you see. 5 We had no difficulties with regard to б conducting the audit. And attached to the letter is a 7 representation letter that we received with regard to 8 the issuance of financial statements in the CAFR as 9 well. 10 I did mention there was a matter in the opinion of the financials. The City of New York, the 11 12 pension systems each were required to adopt GASB 67 13 this past year. That required, that's the accounting 14 for pensions, each of the pension plans, to adopt GASB The City itself had to actually this year adopt 15 67. 16 GASB 68. But it had decided it was best for the City 17 to adopt both simultaneously; which probably is a 18 smart choice, because the pension systems have the 19 same year end as the City. 20 And if you look at, if you went in the 21 City pension systems and the state pension system, the 22 systems' year end were different than the City year 23 end. That's why you had the difference between the 24 date of adoption of GASB 67 versus GASB 68. So the 25 City adopted both this past year. 0008 1 And that was a major undertaking, because 2 the City, when you think of governments, is really the 3 third largest government other than the federal 4 government in the country. California, State of New York, the City of New York. Probably if you took the 5 б City out of the state, the numbers, the City may be 7 bigger than the state, I would guess. 8 So it was a very large effort in this 9 We worked very closely with the Office of adoption. 10 the Actuary, the folks over in the Comptroller's 11 Ofice, also with each of the pension systems. 12 So it was a big undertaking in adopting 13 I can just tell you because of it I'm standards. getting a lot of calls to say, "How did you do this, 14 15 how did you get this done? What about this accounting 16 issue, what about that?" So a lot goes into that, 17 looking to the City's finances and also your 18 financials with regard to adoption of standards.

19 So, that's kind of it with regard to my 20 comments related to the audits of the pension systems. 21 Any questions? 22 CHAIRPERSON AARONSON: Anybody? 23 (No response.) 24 Thank you very much. 25 MR. MALLOY: Thank you. 0009 MS. REILLY: Next is the executive 1 2 director's report. The first item there is the next 3 meeting. It's been suggested that the next regular 4 meeting of the Teachers' Retirement Board be held the 5 fourth Thursday, March 26, 2015. б CHAIRPERSON AARONSON: Please make sure 7 you note that. 8 MS. REILLY: Next is the actuary's 9 recommendation for fiscal year 2015, employer 10 contributions to the New York City Teachers' 11 Retirement System. 12 MS. MARCH: Please move to the resolve. MS. REILLY: "Resolved, that the employer 13 14 contributions to the New York City Teachers' 15 Retirement System for fiscal year 2015 be revised from \$3,133,925,933 to \$3,265,748,864; and such revision is 16 17 hereby approved by the retirement board." 18 CHAIRPERSON AARONSON: Is therer a motion 19 to adopt that? 20 MR. BROWN: So moved. 21 CHAIRPERSON AARONSON: Is there a second? 22 MS. VICKERS: Second. 23 CHAIRPERSON AARONSON: Any discussion? 24 (No response.) 25 Seeing none, we'll vote. 0010 1 All in favor? 2 (A chorus of "Ayes.") 3 Any opposed? 4 (No response.) 5 That's been accepted. 6 MS. REILLY: Next is the actuarial 7 extension. 8 MS. MARCH: Move to the resolve. 9 MS. REILLY: "Resolved, that Robert C. 10 North, Jr., continue to perform the duties and 11 functions of the actuary as set forth in the relevant 12 provisions of the administrative code of the City of 13 New York, and as directed by the Board of Trustees for 14 the period commencing February 1, 2015 and ending 15 February 28, 2015. 16 "And be it further resolved that during 17 this time period Mr. North shall be known as the 18 acting chief actuary, except for purposes of executing 19 program benefits and certification and related 20 documents, which he shall be authorized to sign as

21 chief actuary." 22 CHAIRPERSON AARONSON: Do I hear a motion? 23 MS. MARCH: So moved. 24 CHAIRPERSON AARONSON: A second? 25 MS. VICKERS: Second. 0011 CHAIRPERSON AARONSON: Any discussion? 1 2 (No response.) 3 Seeing none, all in favor of extending the 4 actuary's term? 5 (A chorus of "Ayes.") б Any opposed? 7 (No response.) 8 That's accepted. 9 MS. REILLY: Authorize the actuary to 10 utilize pension census data to compute post employment 11 benefit obligations for the fiscal year ending June 12 30, 2015. 13 MS. MARCH: Move to the resolve, please. 14 MS. REILLY: "Resolved, that the Board of 15 Trustees authorizes the actuary to utilize June 30, 16 2014 pension census data to determine other post 17 employment benefit obligations for the City of New 18 York, and where appropriate certain component units." 19 CHAIRPERSON AARONSON: Do I hear a motion? 20 MS. MARCH: So moved. 21 MS. VICKERS: Second. 22 CHAIRPERSON AARONSON: Any discussion? 23 (No response.) 24 All in favor? 25 (A chorus of "Ayes.") 0012 1 Any opposed? 2 (No response.) 3 The actuary can use our figures. 4 (Laughter.) 5 MS. REILLY: Budget modification. б MS. MARCH: Move to the resolves. 7 MS. REILLY: "Resolved, that the Trustees of the Teachers' Retirement Board hereby approve a 8 modification of the fiscal year 2015 budget by 9 10 increasing such budget in the amount of \$1,156,618 to 11 provide pay increases for the executive director and 12 all eligible staff in accordance with the Mayor's personal order 2015/1 and 2015/2." 13 14 CHAIRPERSON AARONSON: Do I hear a motion? 15 MS. MARCH: So moved. 16 MS. VICKERS: Second. 17 CHAIRPERSON AARONSON: It's been moved and 18 seconded. Any discussion? 19 (No response.) 20 Seeing no discussion, all those in favor 21 of giving teachers a raise, say "aye." 22 (Laughter.)

23 (A chorus of "Ayes.") 24 Any opposed? 25 (No response.) 0013 1 MS. MARCH: I think their negotiations 2 were much easier than ours. 3 (Laughter.) 4 CHAIRPERSON AARONSON: I think that the 5 staff at the Teachers' Retirement System is probably б the finest group of public employees anywhere in the 7 world, except for staff of the City of New York --8 (Laughter.) 9 We appreciate it and hope that the people 10 who get this enjoy it and use it. 11 MS. REILLY: Thank you very much. 12 Next is Reso 6. 13 CHAIRPERSON AARONSON: Resolution 6 is a 14 resolution to honor Kathleen Grimm, and I'd like to 15 read the whole thing into the minutes. 16 "Whereas, Kathleen Grimm began her 17 distinguished service to the City of New York in 1985, 18 which included serving as First Deputy Commissioner of 19 the Department of Finance, and New York State Deputy 20 Comptroller for the City of New York, before joining 21 the Department of Education in 2002, where she served 22 as Deputy Chancellor in charge of Operations to four 23 chancellors; 24 "And, whereas Kathleen Grimm was 25 designated by the then Chancellor of the Department of 0014 1 Education as his representative to the Teachers' Retirement Board on October 17, 2002, and brought her 2 unique and valuable perspective to the Board as a 3 4 Trustee through January 2015; 5 "And whereas, Kathleen Grimm's б responsibilities as Deputy Chancellor of Operations 7 affected every New York City student and she was known 8 for her continued devotion to the City's schools and 9 its students and her calm under pressure; 10 "And, whereas, Kathleen Grimm passed away 11 on February 1, 2015, leaving behind a loving family, friends and colleagues who mourn her loss; 12 13 "And, whereas, she was known as a role 14 model for women in City government, as well as her dry 15 sense of humor and sense of decorum, and was highly 16 respected by her colleagues and the Mayors and Chancellors she served; 17 18 "Therefore, be it resolved that the 19 Trustees of the Teachers' Retirement Board and the 20 staff of TRS extend their deepest sympathies to the 21 Grimm family and friends. The Trustees and associates 22 of TRS share their sense of loss, for we will miss her 23 experience and her dedication to the schools and 24 students of New York City. Although Kathleen Grimm is

25 no longer with us, her contributions will not be 0015 1 forgotten." 2 Do I hear motion to accept that 3 resolution? 4 MS. MARCH: So moved. 5 CHAIRPERSON AARONSON: A second? б MS. VICKERS: Second. 7 CHAIRPERSON AARONSON: Any discussion at 8 all? 9 (No response.) 10 Would you like to make a comment? 11 MS. MALDONADO: Thank you very much. 12 I think Kathleen very much respected the 13 work of everyone around the table, and took her 14 responsibility to make sure that the Teachers' 15 Retirement System represented all of the employees 16 here and past. She took that responsibility very, 17 very seriously. 18 And I know it was one of the -- I wouldn't 19 say joys -- one of the really important parts of her 20 job. She took that very seriously. 21 Thank you very much. 22 CHAIRPERSON AARONSON: Her monthly visit 23 and contributions to our Board was probably, of all 24 the things she did, the one she liked the most. 25 (Laughter.) 0016 1 And if you would let us know, we would 2 like to send a copy of this resolution --3 MS. MALDONADO: I will. Thank you very 4 much. 5 CHAIRPERSON AARONSON: Thank you. б Anybody else? 7 MS. REILLY: That concludes the executive 8 director's report. 9 The next item on the agenda is the 10 Each Board member should have received a calendar. 11 calendar previously, listing all the transactions and 12 payments for the month. 13 I'll go over a summary of that. 14 First, the matter of approval of the 15 minutes of the regular board meeting held on January 16 22, 2015. 17 CHAIRPERSON AARONSON: Motion to approve 18 the minutes? 19 MS. MARCH: So moved. 20 CHAIRPERSON AARONSON: A second? 21 MS. MALDONADO: Second. 22 CHAIRPERSON AARONSON: Discussion? 23 (No response.) 24 All in favor? 25 (A chorus of "Ayes.") 0017

1 Any opposed? 2 The minutes are approved. 3 MS. REILLY: To the calendar. 4 Pages 1 through 14 inclusive are the 5 monthly periodic payroll TDA excess loan payments. б Page 15 is the payroll summary accounts 7 payable new retirees TDA accounts. 8 Page 16 through 41 inclusive is transfer 9 of TDA deferred annuity payments. 10 Pages 42 through 98 inclusive are 11 fractional payments. 12 Pages 99 through 111 inclusive are checks 13 of deceased members. 14 Pages 112 through 127 are beneficiary 15 continued option payments. 16 Pages 128 through 138 inclusive are 17 conversion of pop-up payments. 18 Pages 139 to 141 inclusive are Nager II 19 lump sum payments. 20 Pages 142 through 189 inclusive are 21 beneficiaries to receive one time payments for the TDA 22 accounts. 23 Pages 190 through 192 inclusive are 24 returns of salary deductions. 25 Page 193 is the transfer of funds between 0018 1 banks. 2 Pages 194 through 198 are the purchase and 3 sales of securities, transactions for the Passport 4 fund program. 5 Pages 199 through 200 are successive б installments. 7 Page 201 to 205 are outstanding checks. 8 Pages 206 through 213 inclusive are 9 revisions of rescinded and revised coverage. 10 Page 214 are layoffs without pay. 11 Page 215 through 217 are payments for 12 service credit. 13 Page 128 is denied accident disability 14 benefits. 15 Page 219 is denied ordinary benefits. 16 Page 220 is minimum accumulations. 17 Page 221 is new service retirement. 18 That's it. 19 CHAIRPERSON AARONSON: Do I hear a motion 20 to adopt the calendar? 21 MS. MARCH: So moved. 22 MS. VICKERS: Second. 23 CHAIRPERSON AARONSON: Any discussion? 24 (No response.) Seeing no discussion, all in favor? 25 0019 1 (A chorus of "Ayes.") 2 Any opposed?

3 (No response.) 4 The calendar is adopted. 5 MS. REILLY: The next item on the agenda б is any other business before the Board. 7 MS. MARCH: I'd like take this 8 opportunity to thank the Teachers' Retirement System 9 on behalf of all the retirees in the City of New York 10 who are eligible to receive retroactive money. That money was paid to their EFT accounts at the Teachers' 11 12 Retirement System. And for that small number of 13 people who do not have EFT deposits, the address is 14 used to send the remaining number of people -- and it 15 is a small number, about 400 -- the remaining 400 16 people, the checks at home. 17 And so I want again to thank the Teachers' 18 Retirement System for helping our members have a very 19 easy life in retirement. 20 MS. REILLY: Thank you very much. 21 CHAIRPERSON AARONSON: Anybody else? 22 (No response.) 23 Other business? 24 Anybody from the public? 25 (No response.) 0020 1 Nobody from the public. 2 Is there a motion to adjourn? 3 MR. ADLER: So moved. 4 MS. MARCH: Second. 5 CHAIRPERSON AARONSON: All in favor of б adjourning? 7 (A chorus of "Ayes.") 8 Any opposed? 9 We're adjourned. 10 (Time noted: 4:07 p.m.) 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 0021 1 CERTIFICATION 2 I, Jeffrey Shapiro, a Shorthand Reporter 3 4 and Notary Public, within and for the State of New

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     York, do hereby certify that I reported the
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     proceedings in the within-entitled matter, on
 7
     Thursday, February 26, 2015, at the offices of the NEW
     YORK CITY TEACHERS RETIREMENT SYSTEM, 55 Water Street,
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9
     New York, New York, and that this is an accurate
10
     transcription of these proceedings.
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                 IN WITNESS WHEREOF, I have hereunto set my
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    hand this 27th day February, 2015.
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                           JEFFREY SHAPIRO
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