1 2 3 NEW YORK CITY TEACHERS' RETIREMENT SYSTEM 4 BOARD MEETING 5 б Held on Thursday, February 25, 2016, at 55 Water 7 8 Street, New York, New York 9 10 ATTENDEES: 11 CAROLYN WOLPERT, Trustee 12 SANDRA MARCH, Chairman, Trustee 13 DAVID KAZANSKY, Trustee 14 THOMAS BROWN, Trustee SUSANNAH VICKERS, Trustee 15 16 RAYMOND ORLANDO, Trustee 17 PATRICIA REILLY, Teachers' Retirement System THAD McTIGUE, Teachers' Retirement System 18 19 SUSAN STANG, Teachers' Retirement System 20 RENEE PEARCE, Teachers' Retirement System 21 22 REPORTED BY: 23 YAFFA KAPLAN 24 JOB NO. 0235914 25

- 2 ATTENDEES (Continued):
- 3 ELLEN DeLEO, Teachers' Retirement System
- 4 PAUL RAUCCI
- 5 LIZ SANCHEZ
- 6 ROBERT GRAY
- 7 ANTHONY MEZZACAPPA
- 8 ANNETTE HANHARAN
- 9 CARMELA CRIVELLI
- 10 ROBERT BETHELMY
- 11 KEITH SNOW, ESQ., Law Department
- 12 ANDREW BRADFORD
- 13 SHERRY CHAN, Chief Actuary
- 14 NATARAJAN KRISHNAMOORTHY
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2	MS. REILLY: Good afternoon. Welcome to
3	the February 25, 2016 board meeting of the
4	Teachers' Retirement System. I will start by
5	calling the roll.
6	Carolyn Wolpert?
7	MS. WOLPERT: Here.
8	MS. REILLY: Thomas Brown?
9	MR. BROWN: Here.
10	MS. REILLY: David Kazansky?
11	MR. KAZANSKY: Here.
12	MS. REILLY: Sandra March?
13	MS. MARCH: Present.
14	MS. REILLY: Raymond Orlando?
15	MR. ORLANDO: Present.
16	MS. REILLY: Susannah Vickers?
17	MS. VICKERS: Here.
18	MS. REILLY: So we do have a quorum, and
19	we will need a nomination for chair.
20	MS. WOLPERT: I would like to nominate
21	Sandra March as chair for the meeting.
22	MR. KAZANSKY: Second.
23	MS. REILLY: All those in favor, say
24	aye.
25	MR. BROWN: Aye.

1 2 MR. KAZANSKY: Aye. 3 MS. VICKERS: Aye. MS. MARCH: Aye. 4 5 MS. WOLPERT: Aye. б MR. ORLANDO: Aye. 7 MS. REILLY: Okay. Any abstentions? 8 Turn it over to the chair. 9 MS. MARCH: Why don't you start? 10 MS. REILLY: Thank you. Today we have 11 an update on TRS operations. Each of you 12 should have received a calendar of events, and 13 we will a few updates from Ellen DeLeo. 14 MS. DeLEO: I just have one quick update 15 on required minimum distributions for 2016. 16 TRS began work on the efforts to notify 17 members required to take a minimum 18 distribution in 2016. The population of members who will be receiving their first RMD 19 20 in 2016 will be provided to the UFT in 21 preparation for their annual RMD conference. 22 In advance of the conference, TRS will be 23 providing RMD notifications to an estimated 24 2,850 first-time RMD recipients, which is a 25 278-member increase. In late April, in

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2	addition to the first-time recipients,
3	approximately 21,500 members that received
4	RMDs last year will be notified of their
5	requirement to receive another RMD in this
б	calendar year.
7	MS. REILLY: Thank you. Next on the
8	agenda is a report from the Actuary.
9	MS. CHAN: Thank you. There are a few
10	items on here. One is to request a board
11	motion and two is just for informational
12	purposes to note that the Board received these
13	items. I will start with the easier items
14	first.
15	One of the two to be noted that the
16	Board received is the updated revised GASB 758
17	report. There is a change in the
18	proportionate share schedule that caused some
19	of the changes within some of the systems to
20	be allocated between the boards. The total
21	amount did not change for each of the systems
22	and this report was issued the revised
23	report was issued on January 8, 2016.
24	The other item of note is the annual
25	statement that was signed earlier this month

1 2 and a copy should have been received by the 3 system, one for the QPP and one for the TDA. The item that is requesting the Board's motion 4 is the preliminary 2017, Fiscal Year 2017 5 б report contributions. The amount is 7 3,888,399,470 dollars. This amount is an increase of about 185 million from the updated 8 9 preliminary 2016 appropriations. 10 MR. KAZANSKY: I would like to recommend 11 to lay that item over to the next board 12 meeting. 13 MS. REILLY: Okay. 14 MS. REILLY: That's on the EDR. 15 MS. CHAN: That's all of my report. 16 MS. REILLY: So thank you for the 17 report. So I will go to the executive 18 director's report and as I just -- we have the Actuary's recommendation for a preliminary 19 20 Fiscal Year 2017 employer contribution to New 21 York City Teachers' Retirement System. Is 22 that the item you asked to be laid over? 23 MR. KAZANSKY: Yes. 24 MS. REILLY: Second resolution is a request to the Board of Trustees to authorize 25

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2	the Actuary to utilize TRS's pension census
3	data to compute other postemployment benefit
4	obligations for the fiscal year ending June
5	30, 2016.
6	MS. MARCH: Please move to the resolved.
7	MS. REILLY: Move to the resolved.
8	Resolved, that the Board of Trustees
9	authorizes the Actuary to utilize June 30,
10	2015 Pension Census Data to determine other
11	postemployment benefit obligations for the
12	City of New York, and where appropriate,
13	certain component units.
14	MS. MARCH: Do I have a motion to move
15	it?
16	MR. KAZANSKY: So moved.
17	MS. VICKERS: Second.
18	MS. MARCH: All those in favor? Aye.
19	MR. BROWN: Aye.
20	MR. KAZANSKY: Aye.
21	MS. VICKERS: Aye.
22	MS. WOLPERT: Aye.
23	MR. ORLANDO: Aye.
24	MS. MARCH: Any opposed? Motion is
25	carried.

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2	MS. REILLY: Okay. The next item on the
3	EDR is the attendance at conference.
4	Be it resolved, that the Trustees of the
5	Teachers' Retirement Board hereby approve the
б	attendance and participation of the Executive
7	Director and/or her designees and any
8	interested Trustees at the National Conference
9	on Public Employee Retirement Systems
10	("NCPERS") 2016 Annual Conference and
11	Exhibition from May 14th through May 19, 2016.
12	MS. MARCH: Do I hear a motion?
13	MR. BROWN: So moved.
14	MS. VICKERS: Second.
15	MS. MARCH: All those in favor? Aye.
16	MR. BROWN: Aye.
17	MR. KAZANSKY: Aye.
18	MS. VICKERS: Aye.
19	MS. WOLPERT: Aye.
20	MR. ORLANDO: Aye.
21	MS. MARCH: Hearing no objections, are
22	we ready for a vote? All those in favor,
23	please say aye. Aye.
24	MR. BROWN: Aye.
25	MR. KAZANSKY: Aye.

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2	MS. VICKERS: Aye.
3	MS. WOLPERT: Aye.
4	MR. ORLANDO: Aye.
5	MS. MARCH: Any opposed? Motion is
б	carried.
7	MS. REILLY: And the next item on the
8	EDR is the next meeting, and it's been
9	suggested that the next regular meeting of the
10	Teachers' Retirement Board be held on the
11	third Thursday of the month, March 17th.
12	MS. MARCH: May I suggest that everyone
13	wear green.
14	MS. REILLY: Okay. So everybody has
15	noted that, so that concludes the executive
16	director's report and the next item on the
17	calendar is the calendar and each trustee
18	should have received the full calendar.
19	And the first matter on the calendar is
20	the approval of the minutes for the regular
21	meeting held on January 16, 2016. Do we have
22	approval?
23	MS. MARCH: Don't we go through the
24	whole thing and then we move it?
25	MS. REILLY: Normally we approve the

1 calendar from last month. 2 3 MS. MARCH: Sorry. All those in favor -- do I hear a motion to accept? 4 MS. VICKERS: Motion to accept. 5 б MR. KAZANSKY: Second. 7 MS. MARCH: All those in favor, aye. MR. BROWN: Aye. 8 9 MR. KAZANSKY: Aye. MS. VICKERS: Aye. 10 11 MS. WOLPERT: Aye. 12 MR. ORLANDO: Aye. 13 MS. REILLY: And then I will read from 14 this month's calendar. All right. 15 So page 1 through 14, inclusive, are the 16 monthly periodic payroll and TDA excess and 17 loan payments. Page 15 is the payroll 18 summary, accounts payable, new retirees, and TDA accounts. Page 16 through 36, inclusive, 19 20 are the transfer of active TDA deferrals to 21 annuity payments. Pages 37 through 91, 22 inclusive, are the fractional payments. Pages 23 92 through 110, inclusive, are the uncollected 24 checks for deceased members. Pages 111 through 123, inclusive, are beneficiaries' 25

1 2 continuing option payments. Pages 124 through 3 134, inclusive, are conversions to pop-up 4 payments. Pages 135 through 188, inclusive, are beneficiaries who receive one-time 5 б payments for their QPP and TDA accounts. 7 Pages 189 through 191 are return net 8 accumulated salary deductions. Page 192 is 9 the transfer of funds between banks. Pages 10 193 through 197 are purchase and sales of 11 securities transacted from the Passport Fund 12 Program. Page 198 through 201 are outstanding 13 checks. Page 202 through 241, inclusive, are 14 the revisions pertaining to those under class 15 coverage. Page 242 through 243, inclusive, 16 are payments for service credit. Page 244 are 17 denied accident disability benefits. Page 245 18 are denied ordinary disability benefits. Page 246 is minimum accumulations. Page 247 is the 19 20 extension of life insurance plan, and page 248 21 is new service retirement payments. 22 MS. MARCH: Do I hear a motion to accept 23 the calendar?

24 MR. BROWN: So moved.

25 MS. VICKERS: Second.

1 2 MS. MARCH: All those in favor? Aye. 3 MR. BROWN: Aye. MR. KAZANSKY: Aye. 4 5 MS. VICKERS: Aye. б MS. WOLPERT: Aye. 7 MR. ORLANDO: Aye. 8 MS. MARCH: Any opposed? It's been 9 accepted. I don't think I see anybody from 10 the public --11 MS. REILLY: Well, under other business, 12 I did want to give a brief status update on 13 the modernization project. You all received 14 the report from the IV&V vendor, LRWL. 15 Hopefully you had an opportunity to read that. 16 If you had any questions on that report 17 specifically, I would be happy to answer them, 18 and then I will just give you a brief status 19 update on the project. 20 MS. MARCH: Does anybody have any 21 questions? I don't see any so let's go to the 22 status report. 23 MS. REILLY: Okay. So Phase zero of the 24 project has been completed. That was the six-month fit/gap project that we performed to 25

1 2 go through all of our processes and create 3 high-level requirements. It was also used for our vendor to validate their estimates. 4 So 5 that was -- that's complete. б Phase 1 of the project ECM went live 7 which was last January. ECM is our -- it's 8 the imaging software and that went live last 9 January. We began using that. Our entire 10 system architecture that was needed in order 11 to support the modernized system was also 12 completed last year in January as well as part 13 of Phase 1 and also our web project which I 14 did communicate in a prior meeting was going 15 live. We did find a security issue with the 16 web that we have been working since we found 17 that security issue for about 24/7 and we are 18 close to finding a solution and we should be able to get the web back up and running. 19 Phase 2, we have another release of our imaging software. We are migrating all of the

20 Phase 2, we have another release of our 21 imaging software. We are migrating all of the 22 documents into the new software, our 23 historical documents. We have completed about 24 90 percent of that documentation. Phase 2, 25 person demographics. That's all of the

1 information and data about our members and 2 3 their demographic data. It is in user 4 acceptance testing now. It's expected to go 5 live March 25th, as well as our new customer б relationship management software which tracks 7 all of our interactions, calls, and walk-ins 8 and requests for more members. That will be 9 going live also on March 25th. 10 Phase 3 of our project is the 11 enrollments of new members. That's a little 12 delayed by about four weeks, but we expect 13 that to go into production in late August as 14 well as what we are calling a partner portal 15 and that's a portal for our employers to go 16 into our system and enter their data. For 17 instance, our charter schools who don't have 18 systems where they can send data electronically through file transfer, they can 19 20 go in and enter services for charter school 21 members. That will also be going live in late 22 August. 23 And we started Phase 4 of the project

24 which is -- and we have completed Release 1 of 25 Phase 4, which is our general ledger solution

1 architecture, the architecture to support our 2 3 general ledger package. Phase 4, which as I said started, has most of our service 4 functionality, loans, service purchases, 5 б member accounts, refunds, cash receipting, and 7 credit card payment system, and we expect 8 those to go into production over the next year 9 or so, and we expect all of them to be in 10 production by late 2018. So that's the update of the project at 11 12 this point. If you have any questions, I am 13 happy to answer them. 14 MS. MARCH: Does anybody have a 15 question? Obviously there is no question. Is 16 there any other business before the Board 17 since there are no members of the public? 18 Would anybody from the Board like to say something? Hearing none, is there a motion to 19 20 adjourn? 21 MR. ORLANDO: So moved. 22 MS. MARCH: Is there a second? 23 MR. KAZANSKY: Second. 24 MS. MARCH: All those in favor, say aye.

25 MR. BROWN: Aye.

MR. KAZANSKY: Aye. MS. VICKERS: Aye. MS. WOLPERT: Aye. MR. ORLANDO: Aye. MS. MARCH: All those opposed? We are adjourned.

- (Time noted: 3:47 p.m.)

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CERTIFICATE STATE OF NEW YORK) : ss. COUNTY OF QUEENS) б I, YAFFA KAPLAN, a Notary Public within and for the State of New York, do hereby certify that the foregoing record of proceedings is a full and correct transcript of the stenographic notes taken by me therein. IN WITNESS WHEREOF, I have hereunto set my hand this 2nd day of March, 2016. YAFFA KAPLAN