1 2 3 NEW YORK CITY TEACHERS' RETIREMENT SYSTEM 4 BOARD MEETING 5 б Held on Thursday, March 17, 2016, at 55 Water 7 8 Street, New York, New York 9 10 ATTENDEES: 11 JOHN ADLER, Chairman, Trustee 12 SANDRA MARCH, Trustee 13 DAVID KAZANSKY, Trustee 14 THOMAS BROWN, Trustee SUSANNAH VICKERS, Trustee 15 16 MICHAEL SOHN, 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 VALERIE BUDZIK, Teachers' Retirement System 22 REPORTED BY: 23 YAFFA KAPLAN 24 JOB NO. 0235919

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2 ATTENDEES (Continued):

3	ELLEN DeLEO, Teachers' Retirement System
4	PAUL RAUCCI, Teachers' Retirement System
5	LIZ SANCHEZ, Teachers' Retirement System
6	ANTHONY MEZZACAPPA, Teachers' Retirement System
7	ANNETTE HANHARAN, Teachers' Retirement System
8	CARMELA CRIVELLI, Teachers' Retirement System
9	ROBERT BETHELMY, Teachers' Retirement System
10	KEITH SNOW, ESQ., Law Department
11	BRYAN BERGE, ESQ., Law Department
12	ANDREW BRADFORD, Teachers' Retirement System
13	SHERRY CHAN, Chief Actuary
14	DEBRA PENNY
15	MELVYN AARONSON
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2	MR. ADLER: Good afternoon. Welcome to
3	the Teachers' Retirement System board meeting
4	for March 17, 2016. Happy St. Patrick's Day,
5	everyone.
б	Pat, do you want to call the roll?
7	MS. REILLY: Sure.
8	John Adler.
9	MR. ADLER: Here.
10	MS. REILLY: Sandra March?
11	MS. MARCH: Here.
12	MS. REILLY: David Kazansky?
13	MR. KAZANSKY: Here.
14	MS. REILLY: Thomas Brown?
15	MR. BROWN: Here.
16	MS. REILLY: Susannah Vickers?
17	MS. VICKERS: Here.
18	MS. REILLY: Michael Sohn?
19	MR. SOHN: Here.
20	MS. REILLY: All right. We do have a
21	quorum.
22	MR. ADLER: Great. Do you want to take
23	us through the update?
24	MS. REILLY: Sure. We have an update
25	for TRS operations. Each of you should have

1 received the last calendar of events, and 2 3 Ellen will give us an update. MS. DeLEO: TRS has completed the 4 5 process that reevaluates contribution rates б for our Tier 6 members. This plan year is the 7 first year that will use a combination of 8 salary projections for newer members and 9 lookback of actual wages for longer term 10 members to determine their required 11 contribution rate for the new plan year. For 12 the new plan year that begins April 1st of 2016, contribution rates for roughly 6,680 13 14 members will increase while contribution rates 15 for 1,307 members will decrease. Of these, 16 993 members are currently not on payroll, and 17 their change of contribution rate will take 18 effect upon their return to payroll. A letter to inform the affected members of the change 19 20 in their contribution rate was mailed out 21 earlier this week. 22 In early April, TRS will conduct the 23 annual promotion of our TDA program. Approximately 15,000 e-mails will be sent to 24

25 new Tier 6 members plus the targeted

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2	population that has not joined our TDA program
3	encouraging these members to participate.
4	MS. REILLY: Thank you, Ellen.
5	The next item on the agenda is the
б	executive director's report, and the first
7	item there is the date for the next meeting.
8	It's been suggested that the next regular
9	meeting of the Teachers' Retirement Board be
10	held on the third Thursday of the month, April
11	21, 2016. So everybody should mark their
12	calendar.
13	So the next item is the Actuary's
14	recommendation for a preliminary Fiscal Year
15	2017 employer contribution to the New York
16	City Teachers' Retirement System.
17	MS. MARCH: Move to the resolved,
18	please.
19	MS. REILLY: "Resolved, the Retirment
20	Board hereby approves a Preliminary Fiscal
21	Year 2017 Appropriation to the New York City
22	Teachers' Retirement System of 3,888,399,470
23	dollars".
24	MR. ADLER: Is there a motion?
25	MS. MARCH: Move to the calendar.

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2	MR. ADLER: What?
3	MS. MARCH: Move it to the agenda.
4	MR. ADLER: Don't we have to approve the
5	resolution first?
6	MS. MARCH: Move it to the agenda.
7	MR. ADLER: So it's moved?
8	MS. MARCH: Moved it.
9	MR. ADLER: Is there a second? Sorry.
10	I didn't understand that term.
11	Is there a second?
12	MR. BROWN: Second.
13	MR. ADLER: Any discussion? Okay. All
14	in favor of the motion, please say aye. Aye.
15	MR. BROWN: Aye.
16	MR. KAZANSKY: Aye.
17	MS. VICKERS: Aye.
18	MS. MARCH: Aye.
19	MR. SOHN: Aye.
20	MR. ADLER: Opposed? Abstentions? Okay.
21	Motion carries.
22	MS. REILLY: Next is authorization to
23	the Comptroller of the City of New York to
24	invest certain funds.
25	MS. MARCH: Waive the reading, please.

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2	MR. ADLER: Okay. We need a motion a
3	authorize the Comptroller to invest certain
4	funds. Is there a motion?
5	MR. KAZASNKY: So moved.
6	MR. ADLER: Second?
7	MS. VICKERS: Second.
8	MR. ADLER: Comptroller seconds the
9	motion.
10	MS. VICKERS: I was getting excited to
11	second.
12	MR. ADLER: Any discussion? Okay. All
13	in favor of the motion to authorize the
14	Comptroller to invest certain funds, please
15	say aye. Aye.
16	MR. BROWN: Aye.
17	MR. KAZANSKY: Aye.
18	MS. VICKERS: Aye.
19	MS. MARCH: Aye.
20	MR. SOHN: Aye.
21	MR. ADLER: Opposed? Abstentions?
22	Okay. The motion carries.
23	MS. REILLY: The next is the
24	authorization to the Comptroller of the City
25	of New York to invest certain tax-deferred

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2	annuity funds.
3	MS. MARCH: Waive the reading, please.
4	MR. ADLER: Is there a motion to
5	authorize the Comptroller to invest certain
б	tax-deferred annuity funds?
7	MS. MARCH: So moved.
8	MR. ADLER: Is there a second?
9	MR. KAZASNKY: Second.
10	MR. ADLER: Motion moved and seconded.
11	Any discussion? Okay. All in favor of the
12	motion, please say aye. Aye.
13	MR. BROWN: Aye.
14	MR. KAZANSKY: Aye.
15	MS. VICKERS: Aye.
16	MS. MARCH: Aye.
17	MR. SOHN: Aye.
18	MR. ADLER: Opposed, nay? Abstentions?
19	Motion carries.
20	MS. REILLY: Next we are going to have a
21	report from the Actuary on the fiscal note
22	report.
23	MS. CHAN: Thank you.
24	From the time period of the last board
25	materials submission to this board meeting's

1 material submission, namely February 19th to 2 3 March 10th, there were three fiscal notes that pertained to Teachers'. The first is a -- was 4 5 a picture bill affecting one individual. His б name was Israel Baum and it was the fiscal 7 note concerning that he passed away, but 8 before he passed away his spouse is saying 9 that he meant to file for retirement, and 10 therefore, instead of the lump sum of three 11 years of salary, he is entitled to the -- she 12 -- sorry. The beneficiary is entitled to 100 13 percent of the JNS benefit. That cost was about 804,000 dollars for that one individual. 14 15 The second fiscal note was Fiscal Note 16 2016-04 and it was -- it pertained to military 17 service for any honorable discharge. The cost 18 to Teachers' would be 12.8 million dollars, and the first year additional employer cost 19 20 would be 1.5 million dollars as a 21 contribution.

22 Thirdly, the 2016-06 fiscal note was 23 also pertaining to military service, and this 24 was specific to certain awards at certain 25 times. This was a per person cost because we

1 2 didn't have enough credible data to get a sum aggregate cost. So based on how many elected, 3 that would be your total cost multiplied by 4 this per person figure. The future employer 5 б cost per person per year of service would be 7 12,000 dollars, and the first-year employer 8 cost associated with this per member per 9 service year purchase would be 1,500 dollars. 10 There is a revision to this last fiscal 11 note that would be published probably 12 tomorrow. There is a typo in it that said it 13 was 2015 data, but actually it was produced 14 using 2014 data because that was as of early 15 March. 16 MS. REILLY: Okay. 17 MR. ADLER: So is that March 11th? 18 MS. CHAN: No. The March 11th was after the cut-off date of the submission of the 19 20 Board's meeting materials. 21 MR. ADLER: So it would be at the next 22 board meeting? 23 MS. CHAN: Yes. 24 MR. ADLER: Okay. Any questions for Sherry? Okay. Move on. 25

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2	MS. REILLY: Next is the calendar and
3	it's been suggested that the next regular
4	meeting of the Teachers' Retirement Board be
5	held on April 21, 2016.
6	Did I already say that?
7	MR. ADLER: Yes.
8	MR. KAZASNKY: But now no one can say
9	they didn't know.
10	MS. REILLY: So we will go to the
11	calendar. It's the matter of the approval of
12	the minutes for the regular board meeting held
13	on February 25, 2016.
14	MR. ADLER: Is there a motion to approve
15	the minutes for the regular board meeting held
16	on February 25th?
17	MS. MARCH: So moved.
18	MR. ADLER: Is there a second?
19	MS. VICKERS: Second.
20	MR. ADLER: Motion moved and seconded.
21	Any discussion? All in favor of the motion,
22	please say aye. Aye.
23	MR. BROWN: Aye.
24	MR. KAZANSKY: Aye.
25	MS. VICKERS: Aye.

2 MS. MARCH: Aye. 3 MR. SOHN: Aye. MR. ADLER: All opposed? Any 4 5 abstentions? Okay. The minutes are approved. б MS. REILLY: Then there is the adoption 7 of the items which I will go through a 8 summary. 9 Pages 1 through 14, inclusive, is the 10 monthly periodic payroll of TDA excess and 11 loan payments. Page 15 are payroll summary, 12 accounts payable, new retirees, and TDA 13 accounts. Page 16 through 39, inclusive, is 14 the transfer of active TDA deferrals to 15 annuity payments. Page 40 through 87, 16 inclusive, are fractional payments. Page 88 17 through 97, inclusive, is page -- I'm sorry. 18 Page 88 through 101, inclusive, are uncollected checks for deceased members. Page 19 20 102 through 115, inclusive, are the 21 beneficiaries' continuing option payment. 22 Page 116 through 123, inclusive, are 23 conversions to pop-up payments. Pages 124 through 167, inclusive, are beneficiaries who 24 receive one-time payments from their QPP and 25

1 2 TDA accounts. Page 158 through 160 is the 3 return net accumulated salary deductions. Page 161, inclusive, is the transfer between 4 5 banks. Pages 162 through 166 is the purchase б and sales of securities transacted from the 7 Passport Fund Program. Page 167 through 171 8 are the successive installment payments. Page 9 172 through 182 is outstanding pension checks. 10 Page 183 through 192, inclusive, are the 11 revisions, including those under class 12 coverage. Page 193 is leave of absence 13 without pay. Pages 194 through 196 is the 14 payments for service credit. Page 197 through 15 199 is the restoration to active service. 16 Page 200 are denied accident disability 17 benefits. Page 201 is denied ordinary 18 disability payments. Page 202 is minimum accumulations. Page 203 is the extension of 19 20 rules and regulations for life insurance, and 21 Page 204 is new service retirement payments. 22 And that concludes the calendar. 23 MR. ADLER: Is there a motion to approve 24 the calendar?

25 MR. KAZASNKY: So moved.

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2	MR. ADLER: Second?
3	MS. VICKERS: Second.
4	MR. ADLER: Motion is moved and
5	seconded. Any discussion? Okay.
б	All in favor of approving the motion to
7	approve the calendar, please signify by saying
8	aye. Aye.
9	MR. BROWN: Aye.
10	MR. KAZANSKY: Aye.
11	MS. VICKERS: Aye.
12	MS. MARCH: Aye.
13	MR. SOHN: Aye.
14	MR. ADLER: All opposed, say nay.
15	Abstentions? The motion carries.
16	Okay. Other business. Is there any
17	other business trustees would like to bring to
18	the Board today? Okay. And are there any
19	questions or comments from members of the
20	public?
21	MR. AARONSON: No.
22	MR. ADLER: Thank you, Mr. Public.
23	Okay. So if there is nothing else, then a
24	motion to adjourn would be in order.
25	MS. MARCH: So moved.

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2	MR. ADLER: Is there a second?
3	MR. BROWN: Second.
4	MR. ADLER: All in favor of the motion
5	to adjourn, please say aye. Aye.
6	MR. BROWN: Aye.
7	MR. KAZANSKY: Aye.
8	MS. VICKERS: Aye.
9	MS. MARCH: Aye.
10	MR. SOHN: Aye.
11	MR. ADLER: Any opposed? Any
12	abstentions? The meeting is adjourned.
13	(Time noted: 3:51 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 25th day of March, 2016. YAFFA KAPLAN