1 2 3 NEW YORK CITY TEACHERS' RETIREMENT SYSTEM 4 BOARD MEETING 5 б 7 Held on Thursday, October 18, 2018, at 55 Water 8 Street, New York, New York 9 10 ATTENDEES: 11 CYNTHIA COLLINS, Trustee DAVID KAZANSKY, Interim chair, Trustee 12 13 THOMAS BROWN, Trustee 14 DEBRA PENNY, Trustee JOHN DORSA, Trustee 15 16 LINDSEY OATES, Trustee 17 ROBERT GRAY, Teachers' Retirement System THAD McTIGUE, Teachers' Retirement System 18 19 SUSAN STANG, Teachers' Retirement System 20 VALERIE BUDZIK, Teachers' Retirement System 21 22 23 REPORTED BY: 24 YAFFA KAPLAN JOB NO. 2466890 25

ATTENDEES (Continued):

3	KAVITA KANWAR, Teachers' Retirement System
4	LIZ SANCHEZ, Teachers' Retirement System
5	ANNETTE HANHARAN, Teachers' Retirement System
б	NATARAJAN KRISHNAMOORTHY, Teachers' Retirement
7	System
8	CARMELA CRIVELLI, Teachers' Retirement System
9	RENEE PEARCE, Teachers' Retirement System
10	MARTHA ROSS, ESQ., Law Department
11	SHERRY CHAN, Chief Actuary
12	AMEET CHAUDHURY, Teachers' Retirement System
13	RINA BRAHMBHATT, Teachers' Retirement System
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

1	Proceedings
2	MR. McTIGUE: So welcome to the October
3	18th meeting of the Teachers' Retirement
4	System, and we will start by taking the roll
5	call.
6	Cindy Collins?
7	MS. COLLINS: Here.
8	MR. McTIGUE: Thomas Brown?
9	MR. BROWN: Here.
10	MR. McTIGUE: David Kazansky?
11	MR. KAZANSKY: Present.
12	MR. McTIGUE: Lindsey Oates?
13	MS. OATES: Here.
14	MR. McTIGUE: Debra Penny?
15	MS. PENNY: Here.
16	MR. McTIGUE: And John Dorsa?
17	MR. DORSA: Here.
18	MR. McTIGUE: Great. Thank you. So I
19	believe the first order of business today is
20	take nominations for a temporary chair of the
21	meeting.
22	MS. PENNY: I would like to nominate
23	David Kazansky.
24	MR. McTIGUE: Is there a second to that
25	motion?

1

2 MR. BROWN: I second the motion. 3 MR. McTIGUE: All in favor? MS. PENNY: Aye. 4 5 MS. COLLINS: Aye. б MR. DORSA: Aye. MR. BROWN: Aye. 7 8 MR. KAZANSKY: Aye. 9 MS. OATES: Aye. 10 MR. McTIGUE: Mr. Chairman, we have a 11 quorum. And if it pleases the chair and the 12 Board, I will turn it over to Kavita to give 13 us an update on TRS operations. 14 MR. KAZANSKY: Please do. 15 MS. KANWAR: Thank you, Thad. The 2018 annual benefits were posted to the secure 16 17 portion of the TRS website in early October. 18 The statements are available for approximately 124,000 members in active services or on 19 20 leave. Members were informed about their online statement either by e-mail or a letter, 21 22 and they can log into the member portal to 23 securely access the statement. 24 This year's ABS is the first one that was not printed and mailed to the members. 25

1	Proceedings
2	This is one of the steps in our strategic
3	efforts to more paperless operations. TRS
4	mailed letters in early October to about 1,200
5	members who have been inactive for seven
б	consecutive school years advising them that
7	their membership has expired.
8	MR. McTIGUE: Thank you, Kavita.
9	Unless there is any questions, we will
10	move to the report from the Actuary.
11	MR. BROWN: Are you able to send us
12	that?
13	MS. KANWAR: Sure will.
14	MR. McTIGUE: Anything further on that
15	item? Seeing none, I will turn it over to Ms.
16	Chan.
17	MS. CHAN: Thank you. A couple of
18	announcements. One, the GASB report for
19	74/75, which covers post-employent benefits,
20	mainly health-care, was posted on September
21	14th this month, and the GASB report $67/68$ was
22	issued at the end of the month on September
23	28TH. It was available on the Actuary's
24	website, and if you want to download it, it's
25	pages and pages of fun reading.

1	Proceedings
2	MR. McTIGUE: Anything further of the
3	Actuary? Seeing none, we are going to move to
4	the executive director's report.
5	It has been suggested that the next
6	regular meeting of the Teachers' Retirement
7	Board be held on the third Thursday of the
8	month, November 15, 2018. So kindly mark your
9	calendars. And the second item is a
10	resolution regarding attendance at a
11	conference.
12	The following resolution is presented
13	and considered for possible adoption.
14	"Resolved that the Trustees of the Teachers'
15	Retirement Board hereby approve the attendance
16	and participation of the Executive Director
17	and/or her designees and any interested
18	Trustee at the Plan Sponsor Educational
19	Institute from January 15th through January
20	18, 2019."
21	Do we have a motion in support of that?
22	MR. BROWN: So moved.
23	MR. DORSA: Second.
24	MR. McTIGUE: All in favor?
25	MS. PENNY: Aye.

1 Proceedings 2 MS. COLLINS: Aye. 3 MR. DORSA: Aye. MR. BROWN: Aye. 4 5 MR. KAZANSKY: Aye. б MS. OATES: Aye. 7 MR. McTIGUE: Motion carries. 8 Next item on the agenda is the calendar, 9 and the first matter is the approval of the 10 minutes for the month of June 21, 2017 CIM 11 minutes. I would just point out on those 12 minutes, they are obviously a little dated. 13 There were some issues and there were some 14 back and forth. I believe everyone has 15 received a copy that we believe to be correct 16 and accurate. 17 We also are looking for your approval today of the June 7, 2018 investment meeting 18 minutes, the June 20, 2018 CIM minutes, the 19 20 June 21, 2018 regular board meeting minutes, the September 6, 2018 investment meeting 21 22 minutes, the September 17, 2018 CIM minutes, 23 and the September 20, 2018 board meeting

24 minutes.

25

Does it please the Board -- I would

1	Proceedings
2	maybe take that as a motion to approve those
3	as one item?
4	MR. BROWN: Sure. So moved.
5	MR. McTIGUE: Do we have a second?
6	MS. PENNY: Second.
7	MR. McTIGUE: All in favor?
8	MS. PENNY: Aye.
9	MS. COLLINS: Aye.
10	MR. DORSA: Aye.
11	MR. BROWN: Aye.
12	MR. KAZANSKY: Aye.
13	MS. OATES: Aye.
14	MR. McTIGUE: Thank you. And we have
15	the remainder of the calendar.
16	MR. BROWN: You can waive the reading of
17	the calendar. We have it in front of us.
18	MR. McTIGUE: Take a motion to adopt the
19	calendar. Motion to adopt the calendar?
20	MS. PENNY: So moved.
21	MR. McTIGUE: Second?
22	MR. BROWN: Second.
23	MR. McTIGUE: All in favor?
24	MS. PENNY: Aye.
25	MS. COLLINS: Aye.

1	Proceedings
2	MR. DORSA: Aye.
3	MR. BROWN: Aye.
4	MR. KAZANSKY: Aye.
5	MS. OATES: Aye.
б	MR. McTIGUE: Thank you. Thank you, Mr.
7	Brown. It's appreciated.
8	Other business? We are pleased today to
9	have with us two of our senior folks from the
10	TRS IT department, Ameet Chaudhury and Rina
11	Brahmbhatt, who are going to speak to us about
12	a program that they helped establish known as
13	the IT Service Management, ITSM for short.
14	So with that, I will turn it over to
15	Ameet and Rina.
16	MR. CHAUDHURY: Thank you, Thad.
17	Hello, everyone. My name is Ameet. I
18	am the deputy of technology, information
19	security, and service management. Rina here
20	is the service manager, and we are going to
21	talk about IT Service Management. So the goal
22	of ITSM is to deliver an organization that
23	strives to provide a customer-centric and
24	value-driven IT service.
25	ITSM is derived from the IDEAL

2	Framework. The IDEAL Framework is globally
3	recognized and industry best practice. It's
4	also nonprescriptive. So what that means is
5	the framework could be tailored to the needs
6	of any organization, and at TRS we are
7	tailoring it to IT Service Management.

1

8 So the question is why are we using 9 ITSM. Modernization. So you all know there 10 is a lot of moving parts with modernization, 11 and one of them is ITSM. With modernization, 12 we are modernizing our entire technology real 13 estate. Every system and technology component 14 is being modernized. ITSM is helping us 15 better manage this new technology with a more 16 service-driven approach.

17 So how are we doing this? Well, to start with, we hired Rina a year ago. She is 18 an IT expert service professional, and she 19 20 will now talk about the steps we have taken and what we have achieved so far. Rina? 21 MS. BRAHMBHATT: Hi, everyone. Good 22 23 afternoon. I am just going to share what was our ITSM approach when I joined. So when I 24 joined TRS, I met with my team. We talked 25

Proceedings 1 about where we are. I took a baseline and my 2 3 focus was I wanted to look at general improvement. That's the goal. 4 5 So I thought with ITSM, we need to do б three things. We are going to improve our 7 services, I want to do operational excellence, 8 and I want to do issue mitigation. So when I 9 talk about service improvement, we have a lot 10 of conference rooms, right, and we have a lot 11 of technology in our conference rooms. I 12 spoke to my team and asked them how could we 13 enhance. So the idea was why don't we have a 14 best practice guide, which is easily available 15 in each room. So when you now walk into the conference, you have this guide at your 16 17 disposal, and you are ready to use the 18 equipment. It's that simple. For operational excellence, so everyone 19 20 nowadays has a smartphone. Every now and then

release pretty much every month and we need to

we have Microsoft workstation, we have

Microsoft servers, and we have to do the

you get a notification to say you need to

update your software, right? In the same way,

21

22

23

24

	_
2	make sure all these releases are being applied
3	to a workstation. So when our IT engineer
4	applies these releases, our users are
5	notified, and now they have an option, I am
6	ready to apply this release into my machine.
7	It doesn't interrupt their work and it also
8	makes sure that while we are doing that
9	activity, we are preventing the issues before
10	it happens.
11	Last but not least is issue mitigation.
12	So here what I wanted to think about is how
13	can I prevent something before it happens. So
14	we have a data backup process, and previous to
15	me joining TRS, we had this process being
16	followed by two different teams and they were
17	doing exactly the same things just for
18	different applications and different systems.
19	What I did here was I consolidated the process
20	and made sure that this process now lives with
21	the other service desk. That actually
22	benefitted our users as well because if
23	someone were backing up my data and I needed
24	to retrieve that, I knew I just needed to
25	contact my service desk. So it really helped

2 us tremendously.

1

3 So next slide. Since the launch of CSIP 4 process, which was launched in May of 2017, we 5 have improved over 15 processes. Everything б from streamlining things to documenting best 7 practices. It's continuous. So me and my 8 team, we meet every month. We talk about what 9 improvements we are going to do. Sometimes we 10 proceed with several ideas, sometimes we might 11 cancel it because someone else in TRS is 12 taking care of it, or sometimes we put things 13 on hold because we have to prioritize.

14 One of the things we also did was we 15 branded our IT Helpdesk. So it's now called IT Service Desk. Part of that rebranding, we 16 17 introduced a service portal. Previous to the service portal, all the users can contact TRS 18 service desk just by call or e-mail. Now they 19 20 also have a chat option. So you could check your IT service desk instantly and get an 21 22 instant response between 9 to 5. It's very 23 good and I think people have updated that 24 functionality.

25

I am going to pass it on to Ameet who is

```
Proceedings
```

2 going to share some internal testimonials.3 Thank you.

1

MR. CHAUDHURY: So part of the continual 4 5 service improvement, the principle is there is б always room to improve. No matter what we do 7 or where we do it, there is always room to 8 improve. So one of the guides that she was 9 talking about, it's posted right here on the 10 door so people know how to use this system, 11 and it's pretty much in every conference room 12 that you know how to log in, what to do if you 13 need any help.

14 So we reached out internally to our 15 department users to see how do you like what we are doing. So Peggy says, "The new ITSM 16 17 portal is clear, clean, and uncluttered". Kate said, "My favorite is the Live Chat 18 function because you can instantly reach the 19 20 service guys between 9 and 5 for any question", and Jimmy says, "The look and feel 21 22 is much easier to navigate through the various 23 options".

24 So far this concludes our ITSM journey I 25 would say because it's an ongoing thing, and

1	Proceedings
2	we will take questions now.
3	MR. McTIGUE: Any questions? Seeing
4	none, I would like to thank you for your
5	presentation.
6	The final item on the agenda today is
7	questions and comments from the public? Any
8	questions or comments from the public? Seeing
9	none, I believe a motion to adjourn would be
10	in order unless there is any other business
11	the board members would like to raise. Do we
12	have a motion?
13	MR. BROWN: So moved.
14	THE COURT: Motion by Mr. Brown.
15	MR. DORSA: Second.
16	MR. McTIGUE: Second by Mr. Dorsa. All
17	in favor?
18	MS. PENNY: Aye.
19	MS. COLLINS: Aye.
20	MR. DORSA: Aye.
21	MR. BROWN: Aye.
22	MR. KAZANSKY: Aye.
23	MS. OATES: Aye.
24	MR. McTIGUE: We are adjourned.
25	(Time noted: 3:48 p.m.)

1 Proceedings 2 CERTIFICATE 3 STATE OF NEW YORK) 4 : ss. 5 COUNTY OF QUEENS) б 7 I, YAFFA KAPLAN, a Notary Public 8 within and for the State of New York, do 9 hereby certify that the foregoing record of 10 proceedings is a full and correct 11 transcript of the stenographic notes taken 12 by me therein. 13 IN WITNESS WHEREOF, I have hereunto 14 set my hand this 29th day of October, 15 2018. 16 17 YAFFA KAPLAN 18 19 20 21 22 23 24 25