## **Ottawa Light Rail Commission**

Chris Swail on Friday, April 29, 2022



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2	OTTAWA LIGHT RAIL COMMISSION
3	CITY OF OTTAWA - CHRIS SWAIL
4	APRIL 29, 2022
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10	Held via Zoom Video Conferencing, with all
11	participants attending remotely, on the 29th day of
12	April, 2022, 2:00 p.m. to 4:23 p.m.
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    COMMISSION COUNSEL:
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    Kate McGrann, Co-Lead Counsel Member
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    Carly Peddle, Litigation Counsel Member
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    PARTICIPANTS:
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    Chris Swail - City of Ottawa
8
    Peter Wardle and Betsy Segal: Singleton
9
    Urguhart Reynolds Vogel LLP
10
11
    ALSO PRESENT:
12
13
    Janet Belma, Official Court Reporter
14
    Graham Lavoie, Virtual Technician
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1	Upon commencing at 12:00 p.m.
2	CHRIS SWAIL: AFFIRMED
3	KATE MCGRANN: Good afternoon,
4	Mr. Swail. My name is Kate McGrann. I'm one of
5	the Co-Lead counsel of the Ottawa Light Rail
6	Transit Public Inquiry. I'm joined by my
7	colleague, Ms. Peddle who's a member of the
8	Commission's counsel team.
9	The purpose of today's interview is to
10	obtain your evidence under oath or solemn
11	declaration for use at the Commission's public
12	hearings. This will be a collaborative interview
13	such that my co-counsel may intervene to ask
14	certain questions. If time permits, your counsel
15	may also ask follow-up questions at the end of this
16	interview.
17	This interview is being transcribed,
18	and the Commission intends to enter this transcript
19	into evidence at the Commission's public hearings
20	either at the hearings or by way of procedural
21	order before the hearing is commenced.
22	The transcript will be posted to the
23	Commission's public website along with any
24	corrections made to it after it is entered into
25	evidence. The transcript, along with any

<sup>1</sup> corrections later made to it, will be shared with <sup>2</sup> the Commission's participants and their counsel on <sup>3</sup> a confidential basis before being entered into <sup>4</sup> evidence.

You will be given the opportunity to
review your transcript and correct any typos or
other errors before the transcript is shared with
the participants or entered into evidence. Any
non-typographical corrections made will be appended
to the transcript.

11 Pursuant to Section 33(6) of the Public 12 Inquiries Act, 2009, a witness at an inquiry shall 13 be deemed to have objected to answer any question 14 asked him or her upon the ground that his or her 15 answer may tend to incriminate the witness or may 16 tend to establish his or her liability to civil 17 proceedings at the instance of the Crown or of any 18 person, and no answer given by a witness at an 19 inquiry shall be used or be receivable in evidence 20 against him or her in any trial or other proceeding 21 against him or her thereafter taking place other 22 than a prosecution for perjury in giving such 23 evidence.

As required by Section 33(7) of that Act, you are hereby advised that you have the right

1 to object to answer any question under Section 5 2 of the Canada Evidence Act. 3 If you need to take a break at any 4 point during our interview, please let us know, and 5 we'll just pause the recording. 6 CHRIS SWAIL: Okay. 7 KATE MCGRANN: We asked your counsel to 8 share a copy of your C.V. in advance of your interview today. I'm just going to share with you 9 10 what we received. So I am showing you the first 11 page of a two-page document. Can you see the 12 document okay? 13 CHRIS SWAIL: I can, yeah. 14 KATE MCGRANN: And I'm just going to 15 scroll through it so you can take a look at it. If 16 you need me to slow down, just let me know. 17 CHRIS SWAIL: It looks familiar. Tt's 18 a little out of date, but it looks familiar. 19 KATE MCGRANN: So is this a copy of 20 your resume maybe slightly out of date? 21 CHRIS SWAIL: Yeah. 22 KATE MCGRANN: Okay. So we will enter 23 that as Exhibit 1 to your interview. 24 EXHIBIT 1: C.V. OF MR. CHRIS SWAIL 25 Would you please provide KATE MCGRANN:

1	a brief description of your professional background
2	as it relates to the work that you did on Stage 1
3	of Ottawa's Light Rail Transit System?
4	CHRIS SWAIL: Sure. So I joined the
5	City early 2010, January of 2010, in the role of
6	manager of the Deputy City Manager's Office, which
7	is essentially performing the role of chief of
8	staff to the Deputy City Manager who was
9	Nancy Schepers at the time.
10	My role essentially was to support
11	Nancy in overseeing and administering the various
12	departments and portfolios that she was responsible
13	for, and that included staffing, and it also
14	included stewarding reports through committee and
15	council that had to do with any kind of City policy
16	or proposed changes across each of her departments.
17	So during my tenure, her departments
18	would have included earlier on, Transit, so
19	OC Transpo, RIO Property, which was called CREO and
20	then was later called REPDO, Infrastructure
21	Services, Wastewater and other environmental
22	services including, essentially, Garbage,
23	Infrastructure Services what else
24	Sustainability, Planning and Growth Management. I
25	think that I think that's about it.

1 With respect to your KATE MCGRANN: 2 role --3 CHRIS SWAIL: Oh, and rail -- which is why I'm here, yeah, the Rail Implementation Office. 4 5 KATE MCGRANN: Can you describe in a 6 little bit more detail what your responsibilities 7 were as they pertained directly to Stage 1 of the 8 LRT project? 9 CHRIS SWAIL: So for Stage 1, I would 10 have supported stakeholder relations and outreach, 11 so community meetings. I would have been there 12 supporting Nancy prepping for community meetings as 13 well as actually going to some of the community 14 meetings. 15 I would have reviewed and -- so 16 reviewed all of the reports, the legislative 17 reports, concerning Confederation Line, and, you know, that means reviewing them before they go to 18 19 committee and council, right? 20 So typically, it's my role to read 21 through those reports, like, the higher-profile 22 reports, and then if I have any questions of staff 23 or if I have any concerns about lack of clarity or 24 if I think, you know, something can be phrased 25 better, if I'm worried about a particular

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1	recommendation, I would express those concerns to
2	Nancy. We'd discuss them and then, you know,
3	usually meet with the lead on the file, in this
4	case, John Jensen or someone that worked with him,
5	you know, who was more directly over more
6	directly responsible for that particular
7	recommendation. And I'd get a chance to better
8	understand it, and then we would try and either
9	better communicate it or make some refinements or
10	adjustments to it.
11	KATE MCGRANN: With respect to the
12	legislative reports, am I correct in understanding
13	that those are reports prepared by City staff
14	CHRIS SWAIL: That's right.
15	KATE MCGRANN: delivered to City
16	Council?
17	CHRIS SWAIL: Yeah, so they would first
18	go to FEDCO in the case of the Rail Implementation
19	Office, and then FEDCO would approve them, and then
20	they would usually flow up to council depending on
21	the level of delegated authority required or the
22	level of authority required for the for the
23	committee, yeah.
24	KATE MCGRANN: And just to be clear,
25	you're reviewing those reports for clarity,

1 completeness. Anything else? 2 CHRIS SWAIL: Yeah. Yeah, that's 3 about -- that's about it. Yeah. You know, 4 concerns, if I think that something is going to 5 cause a fuss, you know, I would also brief 6 councillors on reports before they go live as well, 7 right? 8 So I would go with Nancy on or my own 9 to, you know, take councillors through the reports 10 to make sure that they understood what was being 11 recommended and to give them an opportunity before 12 committee and council to ask questions and get more 13 background information if they wanted it. 14 KATE MCGRANN: And with respect to 15 those briefings, are they taking place with council 16 as a whole, or are you briefing individual 17 councillors? 18 CHRIS SWAIL: You'd -- you'd brief 19 individual councillors before. You know, we try 20 and reach out to most of them. Well, we try and 21 reach out to all of them. We would often only get 22 an opportunity to brief most of them in the -- on 23 schedules or interest. KATE MCGRANN: So would these briefings 24 25 be made available on an on-demand basis?

1 CHRIS SWAIL: We would proactively 2 reach out to them and offer them a briefing, yeah. 3 KATE MCGRANN: Other than reviewing 4 legislative reports with respect to the work on 5 Stage 1 of the LRT, did you have any other role and 6 responsibilities with respect to that project? 7 CHRIS SWAIL: Well, I would -- you 8 know, I was Nancy's chief of staff, so I talked to 9 Nancy about LRT issues percolating or presentations 10 that were going to be made to Executive Steering 11 Committee before being included in a report. 12 I was not, you know, on Executive 13 Steering Committee. I was not a decisionmaker on 14 the -- on the project, but I, you know, had 15 conversations with Nancy about -- about issues and 16 the thinking behind decisions that were made even 17 though I was not a decisionmaker. 18 KATE MCGRANN: And would you attend 19 Executive Steering Committee meetings? Ι 20 understand you weren't a member of the committee, 21 but did you attend the meetings? 22 I didn't -- typically, I CHRIS SWAIL: 23 didn't attend the meetings, and I can't remember 24 actually attending an Executive Steering Committee 25 meeting. I can't be a hundred percent certain,

1 though. I attended a lot. They all took place in 2 Ken's boardroom, the City Manager's boardroom, 3 I attended a lot of other meetings in the right? 4 City Manager's boardroom, so... 5 Okay. Would you please KATE MCGRANN: б describe the approach the City took to overseeing 7 Stage 1 of the LRT project from when it was 8 introduced through to the procurement phase. 9 CHRIS SWAIL: So can you give me a 10 little bit more to go on in terms of context? What 11 do you mean, like, the overall process? From a 12 governance structure, like, setting up Executive 13 Steering Committee? 14 KATE MCGRANN: Yes, let's start with 15 that. 16 CHRIS SWAIL: Okay. So Executive 17 Steering Committee would have been set up, I believe, soon after the Environmental Assessment 18 19 Report was approved by council, and staff were 20 given direction to undertake next steps in, you 21 know, structuring a potential procurement and 22 securing Federal and Provincial funding to 23 implement the project. Executive Steering 24 Committee consisted of the City Manager, 25 Kent Kirkpatrick; Deputy City Manager, Nancy

1	Schepers; the treasurer, Marian Simulik; Legal,
2	City Legal, which would have been Rick O'Connor.
3	Who else would have been on the Executive Steering
4	Committee?
5	So originally, it would have been Alain
6	Mercier Alain Mercier from OC Transpo. And then
7	I believe when Infrastructure Ontario came on board
8	to support and provide procurement advisory
9	services to the City of Ottawa, I think
10	Rob Pattison was on, and I know I think
11	Derrick Toigo may have been on later, but I think
12	there was, like, a somebody else on earlier on
13	that I can't recall their name.
14	And I'm not sure. You would have to go
15	in and actually check the records. I'm not sure if
16	procurement was at the table, too, in Executive
17	Steering Committee or if that fell under Marian
18	because typically, organizationally, it does fall
19	under Marian.
20	But I know Jeff Byrne, you know, did
21	keep, you know, an interest and and provide some
22	counsel to decisions that were made as well from a
23	procurement perspective, and he's the he would
24	have been The Chief of Procurement at the time.
25	KATE MCGRANN: Who is Derek Toigo?

1 Toigo? He was, I CHRIS SWAIL: 2 believe, a VP at Infrastructure Ontario, so he 3 worked with Rob Pattison. He's now with the City 4 of Toronto working on infrastructure -- transit 5 infrastructure delivery as it intersects and 6 integrates with Metrolinx projects in Toronto. 7 And what did the work of KATE MCGRANN: 8 the Executive Steering Committee look like? And by 9 that I mean, what kind of decisions did they make? How did they receive information in order to make 10 11 those decisions? Can you describe what that looked 12 like? 13 CHRIS SWAIL: So, you know, typically, 14 recommendations, so it -- you know, it was 15 procedural, right? So if you take the decision to 16 go with a DBFM for Confederation Line, so leading 17 up to that, work would have been done by Deloitte, 18 who was the financial and commercial advisor on the 19 project. 20 That work would have been supplemented 21 by IO, and they would have, you know, based on P3 22 screening and based on essentially a value for 23 money analysis that looks at the types of risks 24 that present themselves and the degree to which the 25 risks may materialize on a project because they --

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1 you know, based on technical feedback, they -- you 2 know, basically come up with a number, right? 3 Could be as high as this, could be as high as a 4 million dollars, about a 25 percent chance of it 5 actually materializing gives you a \$250,000 VFM in 6 this particular model, right?

7 And so you look at all the different kinds of models, and then ultimately, you make a recommendation, and there are some, you know, other 10 factors that are outside of the pure numbers that go into it, you know, the context, those kinds of 12 things.

13 But, you know, essentially, you know, 14 if I was to give you an example, then they would 15 present each of the options that were looked at to 16 Executive Steering Committee with a recommendation 17 of which model that we believe would be in the best 18 interest of the project or staff believe would be 19 in the best interest of the project, and then that 20 would get approved by Executive Steering Committee 21 and then form a recommendation within a report that 22 would then go to FEDCO and then council for 23 Does that -- does that answer your approval. 24 question? 25

1	that is done and instructs staff and advisors as to
2	what the Executive Steering Committee needs to hear
3	about next? Like, who is setting the work plan?
4	CHRIS SWAIL: Who's setting the work
5	plan? Well, it would be essentially the
6	Rail Implementation Office. So at the time early
7	on in the Confederation Line project, that would
8	have been John Jensen, and he would be mapping out,
9	you know, the steps to get Confederation Line
10	procured.
11	And any requirement where, you know,
12	staff needed direction from council or sought
13	direction from council, those are the items that
14	would then get surfaced for Executive Steering
15	Committee.
16	KATE MCGRANN: So the day-to-day work
17	is being directed by Mr. Jensen?
18	CHRIS SWAIL: For RIO, yeah,
19	absolutely, just like any other department, right?
20	So, you know, Infrastructure Services directed by
21	the general manager of Infrastructure Services;
22	planning is directed by the general manager of
23	planning, yes.
24	KATE MCGRANN: Unless I indicate
25	otherwise, the focus of all of my questions will be

1 on Stage 1 of the Ottawa Light Rail Transit 2 System --3 CHRIS SWAIL: I'm just saying --4 KATE MCGRANN: -- is our particular 5 area of focus. 6 CHRIS SWAIL: I'm sorry. I'm not 7 trying to confuse. I'm just saying that it was a 8 department like any other department at the City of 9 Ottawa, yes. 10 KATE MCGRANN: So in terms of the 11 day-to-day work on the Stage 1 project from the 12 Environmental Assessment Report onwards, Mr. Jensen 13 is directing the work, and is it largely staff 14 members of RIO that are carrying out the work 15 needed to advance the project? 16 CHRIS SWAIL: Yeah, staff members of 17 RIO which would include the Owner's Engineer team 18 that was brought on to provide technical support, 19 and then that would include -- it was an integrated 20 team, so it would be a mix of City staff and 21 consultants. 22 KATE MCGRANN: The Owner's Engineer 23 that you mentioned, is that Capital Transit 24 Partners? 25 That's right. CHRIS SWAIL:

1	KATE MCGRANN: Any other consultants
2	involved in advancing the project up to the
3	procurement phase?
4	CHRIS SWAIL: So Deloitte.
5	KATE MCGRANN: M-hm.
6	CHRIS SWAIL: Who else would have been
7	there? Well, BLG was legal. At that point, they
8	would have been brought on. When IO the
9	decision to go with IO as the procurement advisor,
10	they would have been at the table as well.
11	KATE MCGRANN: Any other advisors that
12	you recall?
13	CHRIS SWAIL: Well, at some point,
14	Boxfish would have been brought on as well because
15	they worked in RIO at that time.
16	KATE MCGRANN: So Deloitte is the
17	financial adviser of the project; is that right?
18	CHRIS SWAIL: Financial and commercial,
19	I believe, yeah.
20	KATE MCGRANN: BLG is providing legal
21	advice. Infrastructure Ontario is providing
22	procurement assistance and advice?
23	CHRIS SWAIL: M-hm.
24	KATE MCGRANN: What's Boxfish's role?
25	CHRIS SWAIL: I think they were brought

1	on as strategic advice for the project.
2	KATE MCGRANN: And can you be a bit
3	more specific as to what their work entailed?
4	CHRIS SWAIL: Well,
5	I not overly. I didn't work with them on a
6	on a day-to-day basis. But, you know, essentially,
7	they supported John in terms of providing a
8	challenge function for many aspects of the project.
9	Technically, commercially, you know,
10	Brian had a good history of LRT in Ottawa, and so
11	he would be involved in helping to work through and
12	troubleshoot challenges that the project would be
13	coming up against.
14	KATE MCGRANN: The Brian that you
15	referred to, is that Brian Guest?
16	CHRIS SWAIL: It is, yeah.
17	KATE MCGRANN: You said that he had a
18	good history of and then I missed it in
19	Ottawa. He had a good history of something. Could
20	you repeat that?
21	CHRIS SWAIL: Working on LRT in Ottawa,
22	so he worked on the North/South project when he
23	used to work for the former mayor, so he had a good
24	understanding of the history of LRT in Ottawa.
25	KATE MCGRANN: And you mentioned that

1 he provided a challenge function. What does that 2 mean? 3 CHRIS SWAIL: Well, it -- it --4 essentially, it means when someone is, you know, 5 telling you this is our recommended approach, they 6 ask good questions as to why it's the recommended 7 approach and ensures that all options have been 8 looked at. 9 KATE MCGRANN: And would that exercise 10 in considering the recommendations coming forward 11 and ensuring that all potential outcomes have been 12 considered, for example, would that be reflected in 13 the report that is ultimately drafted and shared 14 with the Executive Steering Committee? 15 CHRIS SWAIL: Well, I can't tell you 16 how much influence, say, Brian would have provided 17 versus another technical person or Deloitte or BLG 18 in any of those recommendations that came up to 19 Executive Steering Committee because I wasn't -- I 20 wasn't part -- I wasn't in the room for the 21 debates, right? I wasn't -- I wasn't part of that 22 exercise. I did not have day-to-day interaction 23 towards those decisions. I would just know what 24 the recommendation is by the time it came to me in 25 the form of a report.

1 KATE MCGRANN: And in the reports that 2 you're reviewing, are you expecting to see and are 3 you finding a discussion of the various risks and 4 possible outcomes that have been considered, the 5 assessment of those risks and outcomes, and --6 CHRIS SWAIL: Yeah. Yeah. 7 KATE MCGRANN: -- how they support the 8 recommendation? 9 CHRIS SWAIL: Yeah, in -- in any 10 staff report, it gives you background into what the 11 considerations were that led to the decision and 12 why the recommendation is being made. 13 KATE MCGRANN: Other than what you 14 described so far, was there anything else that you 15 were doing in your role as it pertained to Stage 1 16 of the LRT project? 17 CHRIS SWAIL: No. 18 KATE MCGRANN: You've spoken about the 19 role of the Executive Steering Committee and how it 20 went about doing its work. Can you speak to the 21 role of FEDCO on the project and how it went about 22 doing its work? 23 CHRIS SWAIL: Well, FEDCO, it's -- it's 24 their job to review reports, ask questions of 25 staff, and then decide if the recommendations, as

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1	they're drafted in the report are adequate, or if
2	they need to be supplemented or amended in some way
3	via a motion, right?
4	They they adjudicate the merits of
5	each report on its merits, and if there are some
6	concerns that surface, either in their own reading
7	of the report or through sorry my dog seems
8	to be barking here or through public
9	delegations, that ask questions of staff or express
10	concerns, they will often, you know, bring forward
11	motions that address some of those concerns. And
12	then those directions or changes are captured in
13	the report and then that refines the direction
14	staff is to take.
15	KATE MCGRANN: Can you speak to the
16	delegation of authority in respect of this project
17	and how that worked out over time?
18	CHRIS SWAIL: Well, any specific
19	delegation of authority required for staff to move
20	forward with the procurement and then the
21	subsequent implementation of Confederation Line was
22	captured in each of the reports.
23	KATE MCGRANN: So I take it that in
24	setting out recommendations, if an additional
25	delegation of authority was required, staff would

1 also set out what that was and recommend that such 2 a delegation --3 CHRIS SWAIL: Yeah, and why. 4 KATE MCGRANN: -- why they take the 5 approach? 6 CHRIS SWAIL: That's right, and why, 7 yeah. 8 COURT REPORTER: Sir, if you could just 9 wait until she's completely finished her question. 10 I can't write two people at the same time. Thank 11 you. 12 CHRIS SWAIL: I'm sorry. 13 It's all right. COURT REPORTER: 14 KATE MCGRANN: And in a general level, 15 can you speak to how authority was delegated from 16 council down to staff, delegated from council to 17 staff on this project? What authority had been 18 delegated? 19 I would have to review CHRIS SWAIL: 20 each and every recommendation in each and every 21 report since 2010, so I don't -- I don't have that 22 laundry list available in my -- my limited memory. 23 I'm sorry. But if -- if you wanted to do that, it 24 could be done simply by going through each report. 25 KATE MCGRANN: Can you speak generally

1 to it at all? 2 CHRIS SWAIL: Generally to it, so staff 3 would -- well, if we go back to the decision on the 4 procurement model, staff would get authority to 5 continue to work with IO on setting up the process б through which you would go out with your RFQ and 7 then go out with your RFP on the procurement, 8 To proceed with the procurement, staff riaht? 9 needs authority to do so. 10 When it comes to awarding a contract, 11 staff doesn't have that authority, so when it came 12 to awarding the contract for Confederation Line, 13 that report would have a recommendation to give 14 authority to probably the City Manager, in this 15 case, if I'm remembering correctly, to enter into a 16 contract with who we -- at that time, staff would 17 have recommended as the preferred proponent. 18 So those are all examples of things 19 that would have to be captured in a report in order 20 to give staff the authority to move forward. 21 To your recollection, KATE MCGRANN: 22 were there any delegations of authority that were 23 more wholesale project-based and less tied to 24 immediate next steps on the project? 25 CHRIS SWAIL: More a wholesale

1 project-based than immediate next needs project...I 2 think there were a number with respect -- well, so 3 the one that comes to mind would be property 4 because of the lead time required to secure access 5 to property either through, hopefully, negotiation 6 or potentially expropriation. 7 There would have been a delegated 8 authority for staff to pursue the necessary land 9 requirements. And I believe, in the case of 10 Confederation Line, because of, you know, 11 commercial confidentiality, it was only after the 12 property was secured that council would then go 13 back and report out -- or, sorry -- staff would 14 then go back and report out. So that was a broader 15 direction that staff would have taken that was more 16 project-based. 17 KATE MCGRANN: Anything else come to

<sup>18</sup> mind?

<sup>19</sup> CHRIS SWAIL: Not off the top of my
 <sup>20</sup> head. I -- I promise to circle back if something
 <sup>21</sup> else does.

KATE MCGRANN: With respect to the
 budget that was set for the project, can you speak
 to the approach taken to setting that budget?
 CHRIS SWAIL: Yes. So that budget was

1 set pretty soon after the environmental assessment 2 was done in 2010 and was updated after that point. 3 In line or soon after their Federal and 4 Provincial funding was also secured or at least at 5 the time notional amounts were committed by both 6 the Federal and Provincial Governments, so it would 7 have been around 2011. 8 So the Provincial government, at that 9 time, used the environmental assessment budget to 10 calibrate their one-third share, and at that time, 11 the budget for the project was \$1.8 billion, and 12 then when it was updated, it became 2.1, and that 13 was relatively early on, I think, when the 14 Owner's Engineer team probably first came on, so 15 could be soon within 2010 or early 2011. 16 KATE MCGRANN: Okay. So an initial 17 budget is set in the environmental assessment of 18 \$1.8 billion; is that correct? 19 CHRIS SWAIL: Yeah, and then our 20 funding request would have come out from that, 21 right, to the -- to the -- the Federal and 22 Provincial Governments, and that's where they would 23 target their funding. 24 But subsequent to that, once you get an 25 Owner's Engineer team, you have more people sort of

1 looking at it technically, and then we have a 2 financial team that's building more detailed 3 budget, right? 4 So, you know, an environmental 5 assessment level of design is Class C. It can be б 40 percent up or down, but it's never down, right? 7 So, you know, as you refine your -- your design, 8 typically, costs go up, and in that case, it --9 yeah. 10 KATE MCGRANN: Sorry. Please go ahead. 11 CHRIS SWAIL: No. No. And in that 12 case, it did go up, you know, as designs advanced. 13 KATE MCGRANN: I couldn't hear if it 14 was Class C as in cake or Class D as in dog that 15 vou said. 16 CHRIS SWAIL: I believe it was Class C 17 at the time. 18 KATE MCGRANN: Okay. So the \$1.8 19 billion budget has a -- it's plus or minus 40 20 percent? Like, it could be increased by 40 21 percent, or it could be decreased by 40 percent, 22 although I understand that that's unlikely; have I 23 qot that right? 24 CHRIS SWAIL: You've got that right. 25 KATE MCGRANN: Who did the work to

1	update the budget to bring it to the \$2.1 billion
2	number?
3	CHRIS SWAIL: I think it was Deloitte,
4	but, you know, you you would have to confirm
5	that.
6	KATE MCGRANN: Do you
7	CHRIS SWAIL: Oh, you know what?
8	Sorry. It may have been Hanscomb because
9	KATE MCGRANN: So who's
10	CHRIS SWAIL: So or someone like
11	Hanscomb. So on on Stage 2, for example, you
12	know, you your technical advisors give you all
13	of the information that you need, right, how much
14	kilometers of track and concrete and all of that
15	stuff. And then you get a quantity surveyor like
16	Hanscomb that comes in and tells you on a per-unit
17	basis what the price is is for each of these,
18	and they tally it up. So there likely, there
19	was someone like Hanscomb working on Stage 1. I
20	just can't recall who it was.
21	KATE MCGRANN: Do you know, at the time
22	that the budget is updated to \$2.1 billion, does
23	that budget take into account the fact that the
24	project is going to be constructed over a period of
25	time, inflation over that period of time, and

1	things like that?
2	CHRIS SWAIL: Yes. Yeah. Escalation
3	over the period of construction, yeah. They take a
4	mid point in the construction.
5	KATE MCGRANN: So what do you mean by
6	that?
7	CHRIS SWAIL: I mean they escalate it
8	to the mid-point of construction, right? So that
9	way, you're not like, it just balances out.
10	Earlier on, there's not much escalation. At the
11	end, there's lots.
12	But what it does is it frames the
13	timeline and ties costs to schedule. So if you
14	build it in five years, this is the expected
15	escalation. If you build the same thing over seven
16	years, the cost will be higher because it's taking
17	longer, and you're more escalation that was not
18	included in the original estimate.
19	KATE MCGRANN: At any point, to your
20	knowledge, did anybody raise any concerns about the
21	sufficiency of the \$2.1 billion budget for this
22	project?
23	CHRIS SWAIL: I think there's always
24	concerns, to be honest. I think the way that the
25	City satisfied itself ultimately that that number

1 was good was the fact that the market agreed. 2 KATE MCGRANN: So I'll ask you about 3 the market agreement in a second, but given that 4 there's always concerns about things like this, do 5 you specifically remember anybody raising concerns about the sufficiency of the budget for this 6 7 project? 8 CHRIS SWAIL: Yeah, I -- there -- there 9 were concerns particularly with the -- when there 10 was still a deep-tunnel alignment. So shallowing 11 up the tunnel alignment through the core was one of 12 the solutions that worked from a financial 13 perspective to satisfy ourselves that the --14 essentially what was a price cap could hold and 15 would be sufficient to build it. 16 And it also provided auxiliary benefits 17 to customers because they didn't have to travel as 18 far down from the surface to board a train. And 19 that was one of the biggest, most persistent 20 comments that we heard from, you know, people 21 following the project that they were worried about 22 some of that deep-tunnel alignment in terms of 23 getting access, that it would -- you know, it takes 24 a long time to get down 20, 40 metres, right? 25 So I'm interested in KATE MCGRANN:

1 understanding what you recall about the concerns 2 that were expressed about the budget. So you 3 identified that one way that those concerns were 4 addressed was by changing the depth and the 5 alignment of the tunnel. 6 CHRIS SWAIL: Yeah. 7 KATE MCGRANN: What can you tell me 8 about what you recall about who was expressing 9 concerns about the budget and what the concerns 10 were? 11 CHRIS SWAIL: Just I think that one of 12 the concerns was that, you know, the costs 13 associated with building a deep tunnel, and so for 14 that reason, the OE team or technical advisory 15 team, CTP; looked at whether or not it was possible 16 to shallow it up. 17 Again, you know, the deep-tunnel 18 alignment was the alignment chosen by the team 19 working on the environmental assessment, and CTP 20 came in, and they took another look at it to see if 21 it could be shallowed up for all of those benefits 22 that I outlined. 23 The City is always, on every project, 24 trying to figure out how we can save money without 25 compromising the quality of a system. In this

1	case, we were looking at how we could potentially
2	save money while improving the quality of the
3	system.
4	The other source of questioning whether
5	or not the \$2.1 billion was sufficient would have
б	come out of discussions with the three proponents
7	who were competing to build Confederation Line.
8	So there are meetings. There are
9	commercially confidential meetings where the
10	proponents and City staff have these conversations
11	where they say, we have concerns about meeting the
12	cap.
13	KATE MCGRANN: So before we move to the
14	conversations with the proponents
15	CHRIS SWAIL: Yeah.
16	KATE MCGRANN: I just want to
17	understand, other than the concerns about the costs
18	associated with building the tunnel as originally
19	envisioned in the environmental assessment report,
20	do you recall anybody raising concerns about the
21	sufficiency of the budget for the project, anybody
22	working for or on behalf of the City?
23	CHRIS SWAIL: No. I just know it's
24	always a concern. You know, it's sort of a weird
25	question, right? It's always on all of these

1 projects, it's always a concern because you are 2 working very diligently to try and get the right 3 target price for your project, right? Because vou 4 want to drive competitive tension to that dollar. 5 You want them -- all of the people competing to 6 build it thinking that the other person can build 7 it for that price. 8 KATE MCGRANN: With respect to the 9 feedback that the three proponents provided about 10 the budget through the confidential meetings, what 11 insight did you have into that process? Were you 12 involved in --13 I didn't have any -- I CHRIS SWAIL: 14 was never in the room, right? I didn't have any 15 direct insight into those conversations. 16 KATE MCGRANN: What leads you to say 17 that the three proponents were commenting on the 18 budget in those meetings? 19 That's the point of the CHRIS SWAIL: 20 meetings. I know what CCMs are because I did them 21 on Stage 2. 22 KATE MCGRANN: And did you receive any 23 information about the CCMs on Stage 1? 24 Not directly, no, that I CHRIS SWAIL: 25 can recall.

1 Did you receive any KATE MCGRANN: information indirectly? 2 3 No. You know, other than CHRIS SWAIL: 4 at all times, staff were trying to get the number 5 right. 6 KATE MCGRANN: And how is that an 7 answer to the question of whether you received any 8 information indirectly about those meetings? What 9 does that mean in response to that question? 10 CHRIS SWAIL: I don't -- I just 11 think -- so I would disassociate that comment from 12 being related to those meetings. I can't say that 13 it was related to those meetings. 14 KATE MCGRANN: Okay. So did you 15 receive any information indirectly about the CCMs 16 for Stage 1? 17 CHRIS SWAIL: No. 18 It's my understanding KATE MCGRANN: 19 that in or about March of 2011, FEDCO directed City 20 staff to explore opportunities to accelerate the 21 project. Do you know what I'm talking about? 22 CHRIS SWAIL: Yeah, there was a report 23 to try and accelerate the project to see if it 24 could get opened by 2018. 25 And do you recall what KATE MCGRANN:

1 the purpose of the direction to accelerate was? 2 CHRIS SWAIL: Well, the purpose of 3 accelerating a project is you think it's feasible 4 to speed up your original timelines ultimately 5 saving the City money from a cost-and-schedule 6 perspective. 7 KATE MCGRANN: So for this particular 8 direction to accelerate Stage 1 of the OLRT, was it 9 your understanding the purpose of that direction 10 was to see if there could be any cost savings 11 associated with the project? 12 CHRIS SWAIL: I think that and just, 13 you know, getting LRT operational faster. You 14 know, the background context here is we had a 15 downtown core that was at capacity in terms of the 16 transit service that we could provide. 17 You know, the BRT line through the 18 downtown had to cross 14 signalised intersections 19 and maxed out at, I think, a little bit under 20 10,000 people per hour per direction in each 21 direction, and we couldn't increase ridership. So 22 that's a major impediment to city growth and -- and 23 getting around the city generally. 24 So the sooner that we could relieve 25 that bottleneck, which showed up every day on the

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1	Laurier or the Slater Bridge by the Rideau Centre,
2	the better it would be for all citizens.
3	KATE MCGRANN: What impact did this
4	direction have on the work that staff was doing?
5	CHRIS SWAIL: I don't know.
6	KATE MCGRANN: Did anyone have any
7	express any sorry you can't tell if anybody
8	had anybody but did anybody express any
9	concerns, to your knowledge, about the direction to
10	accelerate the project or steps taken in order to
11	follow that direction?
12	CHRIS SWAIL: No. No. I think people
13	thought that was a good idea.
14	KATE MCGRANN: And what makes you say
15	that?
16	CHRIS SWAIL: I think people were my
17	recollection is is people were happy that we had
18	an ability to accelerate the project.
19	KATE MCGRANN: And who are the people
20	you're speaking about?
21	CHRIS SWAIL: I think the people at RIO
22	were happy that they could speed up the project
23	because they thought they were delivering better
24	service for the citizens of Ottawa.
25	KATE MCGRANN: What is the basis for

1 that belief? 2 CHRIS SWAIL: It's -- it's our job to 3 serve people well, and they thought they were 4 serving people well by finding a way to speed up 5 the project. 6 KATE MCGRANN: Is this an assumption 7 that you're making? Is this based on conversations 8 you had with people? 9 No. I -- I had -- I -- I CHRIS SWAIL: 10 can recall conversations about -- like, with, you 11 know, some staff at -- at RIO being -- feeling like 12 they -- you know, this was a great thing to do and 13 feeling like they were able to do it. 14 KATE MCGRANN: With respect to IO's 15 involvement -- and you've spoken a little bit about 16 that already --17 CHRIS SWAIL: M-hm. 18 KATE MCGRANN: -- you've talked a 19 little bit about IO's involvement in preparing 20 reports to the Executive Steering Committee. Can 21 you just sort of walk me through when they arrived 22 on the project and what they did when they arrived? 23 CHRIS SWAIL: I can't recall exactly when IO arrived. I believe there was a report in 24 25 2011 that laid out the recommendation to do the

1 project with some kind of a maintenance component 2 and that IO were being -- we were exploring -- City 3 staff was exploring using IO as a procurement 4 advisor, and those talks were going to carry on, so 5 sometime in 2011. 6 But I can't tell you when specifically 7 they arrived. I did not have any direct 8 conversations with anyone from IO on the project 9 Confederation Line. I've had many direct 10 conversations with people from IO since 11 Confederation Line, but not -- not during. 12 KATE MCGRANN: So any insight you have 13 into the work that they were doing would come as a 14 result of the reports that you're reading? 15 CHRIS SWAIL: Yeah. Yeah. 16 KATE MCGRANN: And how did you 17 understand their -- what did you understand their 18 role to be vis-à-vis Deloitte, for example? 19 CHRIS SWAIL: So IO and -- and Deloitte 20 would assess what would be the recommended 21 procurement model for Confederation Line, so a 22 myriad of options. It could have been a -- a DBF, 23 DBFM, DBFOM. Those are really the -- sort of the 24 three main procurement models that were considered 25 for transit as it was extending from basically the

1	buildings that IO had been doing for probably six
2	or seven years before that.
3	IO was formed in 2005, so they had been
4	building hospitals, including the ROH here,
5	prisons, and other office facilities essentially
6	using the model, originally, and then they extended
7	it for other transportation projects like highways,
8	so Herb Gray, for example, would have been the
9	first one, I think, out the gate from IO.
10	And then they there was an interest
11	in extending that to transit which everyone thought
12	was a good idea at the time.
13	KATE MCGRANN: And do you remember why
14	everybody thought it was a good idea?
15	CHRIS SWAIL: Well, large mega
16	projects, let's say, projects over a hundred
17	million dollars or over a billion dollars did not
18	have a great track record in terms of how they were
19	being delivered through traditional means, so a
20	traditional design-bid build, right?
21	KATE MCGRANN: Is there more to your
22	answer? I don't want to interrupt you.
23	CHRIS SWAIL: No. Yeah, I can bore
24	you.
25	KATE MCGRANN: No. No. I'm just

1 trying to understand why you thought everybody 2 thought it was a good idea. 3 CHRIS SWAIL: Okav. 4 KATE MCGRANN: So you've explained 5 t.hat --6 CHRIS SWAIL: Well, there were studies 7 at the time, right, and you're looking at big --8 big mega projects, right? So nine out of every ten 9 mega projects globally were coming in late and over 10 budget. And in rail, a lot of them were coming in, 11 like, 40 percent over budget and many years late. 12 IO's model had been proven to deliver 13 many of their projects, I think nearly all of their 14 projects, on time and on budget, right? And it was 15 getting better understood by the market at the 16 time. And it was seen as a real means to protect 17 taxpayers and to ensure good value for what we were 18 receiving or what sponsors were receiving for each 19 of their projects. 20 KATE MCGRANN: The studies that you 21 referred to, who was reviewing and analyzing those 22 on behalf of the City? 23 CHRIS SWAIL: I'm just -- I'm not --24 I'm just telling you what I know. I'm not telling 25 you that this is something -- I can't tell you that

1	Deloitte was saying, based on this study, we think
2	you should do this. I'm just telling you what I
3	know in the market. I'd be happy to give you
4	studies that were done around this time that
5	demonstrate that.
6	KATE MCGRANN: The studies that you're
7	offering to share with the Commission, were they in
8	the possession of the City? Was the City aware of
9	them at the time?
10	CHRIS SWAIL: The City was aware that a
11	lot of large mega projects had challenges when it
12	comes to being on time and on schedule, certainly,
13	yes.
14	KATE MCGRANN: And the specific studies
15	that you're offering to share with the Commission,
16	was the City aware of those studies at the time?
17	CHRIS SWAIL: I can't tell you
18	specifically.
19	KATE MCGRANN: What is the basis for
20	your statement that the City was aware that large
21	megaprojects were coming in late and over budget?
22	CHRIS SWAIL: Well, you'd hear about
23	them all the time, right?
24	KATE MCGRANN: Can you give me any
25	examples of

1 CHRIS SWAIL: Second Avenue subway in 2 New York, East Side Access extension, you know, it 3 was originally going to be, I think, 2 point 4 something billion dollars in 2006. It's now at \$11 5 billion, right? There -- there's lots of examples. 6 It -- it doesn't -- it's not hard to look them up. 7 KATE MCGRANN: Can you give me any 8 examples that were considered by the City at the 9 time that it was determining which delivery model 10 it would select for Stage 1 of the Light Rail 11 Transit project? 12 CHRIS SWAIL: They were just No. 13 looking at what they thought would be the best 14 model to ensure good value and protect taxpayers. 15 KATE MCGRANN: With respect to the 16 interest in IO's model and the success that it had 17 had in the buildings that you described and then 18 the transit projects, do you know if anyone at the 19 City considered the risks of bringing that model to 20 a new kind of project, namely the Light Rail 21 project that Ottawa was undertaking? 22 CHRIS SWAIL: I think everyone 23 appreciated that that -- this was a first. 24 Waterloo would have been a close second because 25 they also followed in using the IO model, although

1	it was a DBFOM. But for context, and I'm sure
2	you I'm not the first one to mention this, it
3	there was a requirement both Provincially and
4	Federally to do a P3 screen for the project, and
5	should that project prove to generate good value
6	for money as a P3 in order to get funding from the
7	Province and the Federal Government, you had to do
8	it as a P3 in Ontario. So, you know, it wasn't a
9	choice.
10	KATE MCGRANN: Because your
11	understanding was that if the P3 indicated that
12	or the P3 screening I'm sorry indicated that
13	there would be good value for money on the project
14	if carried out as a P3, it was a prerequisite to
15	obtaining Provincial and Federal funding that the
16	project be carried out as a P3?
17	CHRIS SWAIL: Yeah, that was Ontario
18	Government of Ontario's position at the time, and
19	in 2011, it was the Federal Government's position.
20	KATE MCGRANN: So that would have
21	limited the City's options to
22	CHRIS SWAIL: Get it funded, that's
23	right, because they, too, were interested in
24	protecting taxpayers on at each level of
25	government.

1 KATE MCGRANN: With respect to IO's 2 work on this project, you said that everybody knew 3 that applying IO's model to Light Rail Transit 4 system was a first. 5 What assessment of the risk that came б with being a first in this kind of model was done 7 by the City? 8 CHRIS SWAIL: Well, I -- I can't really 9 give you too much details on that. It would go 10 through the same type of screening, right? So when 11 you're looking at various P3 delivery models, you 12 look at the characteristics of the project and the 13 risk of the project. You look at, you know, the 14 schedule and the budget. You look at whether or 15 not the private sector has the wherewithal to 16 deliver all aspects of the project. Sorry. Т 17 thought you were frozen there for a second. 18 KATE MCGRANN: Just paying attention. 19 CHRIS SWAIL: You'd look at, you know, 20 political constraints. You'd look at, you know, 21 regulatory things, and you would go through the 22 specific project risks, you know? So you'd look at 23 things that are more complicated. We'd look at, you know, utility risks, geotechnical risks. You'd 24 25 look at contamination. You'd look at permitsing

1 [sic] -- permits, licenses, and approvals. You'd 2 look at property-related risk, if there are any 3 issues related to property that you needed, right? 4 And you would look at how likely those 5 risks are, and if you were able to transfer those 6 risks as part of the -- the project to the 7 proponent in many cases who are best to manage 8 those risks, then you build a risk registry and a 9 risk regime, and it gives you a number in terms of 10 the potential value of the project being done as a 11 P3 versus a more traditional method. 12 KATE MCGRANN: Okay. So you've 13 described the P3 screening approach, I think, if 14 that answers; is that right? 15 CHRIS SWAIL: Yeah, I think so. Yeah. 16 Yeah. But I'm just saying every project's 17 specific, right? So you would -- you know, just 18 because you're moving from a building to a linear 19 infrastructure project, right, you would -- you 20 would look at the specifics of the project and 21 those risks and complications and challenges, and 22 you would evaluate them in the same -- the same way 23 based on advice from your technical advisors. 24 And moving from the KATE MCGRANN: 25 general to the specific, is that the approach that

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1	was taken on Stage 1 of the Ottawa Light Rail
2	Transit project?
3	CHRIS SWAIL: Well, so I can only tell
4	you that is the approach taken on projects that
5	I've worked on subsequent to that. I was not I
6	can't tell you specifically, because I wasn't in
7	the room, how they like, I wasn't in the room
8	going through the Monte Carlo that they would have
9	gone through for LRT in evaluating the risks.
10	KATE MCGRANN: Would that work have
11	found its way into a report that would have been
12	presented to the Executive Steering Committee?
13	CHRIS SWAIL: It would have found its
14	way in a report recommending the specific
15	procurement option and why, yeah.
16	KATE MCGRANN: And do you recall seeing
17	that work done in the reports that you reviewed?
18	CHRIS SWAIL: No. No. No. No. I've
19	never gone through a specific Monte Carlo of
20	Confederation Line. That would have been done
21	internal to those parties, right, like, Deloitte,
22	while not I wasn't in the room, so
23	KATE MCGRANN: And how would Deloitte
24	have shared that work with those at the City who
25	have charge of the project?

1 CHRIS SWAIL: They would have given 2 them a report. So John would have gotten a report 3 He would have reviewed the on the options. 4 recommendation. That recommendation would have 5 gone to Executive Steering Committee. 6 KATE MCGRANN: Just the recommendation, 7 not the underlying report? 8 CHRIS SWAIL: I'm sure the underlying 9 report would have accompanied it, but I'm -- you 10 know... 11 KATE MCGRANN: And do you recall seeing 12 any report like that? 13 CHRIS SWAIL: No. 14 KATE MCGRANN: Would you have seen it 15 in your role if one existed? 16 CHRIS SWAIL: No. No. I wouldn't have 17 seen it. The -- you know, the -- the 18 puts-and-takes in the options analysis would be 19 summarized as background to the report, right? 20 We've -- we're choosing this model because of this, 21 and then they would -- they would detail why. 22 KATE MCGRANN: So we started on this 23 conversation with a question. Do you know if the 24 newness of IO's model to this kind of project was 25 subject to any sort of risk assessment by the City?

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1	You've now explained a P3 risk assessment to me,
2	and you've talked about a Monte-Carlo approach.
3	Am I to take it from your answer that
4	that is how this risk would have been assessed?
5	CHRIS SWAIL: That's right, and it
6	would have been assessed specific to this project.
7	KATE MCGRANN: Can you speak to the
8	reasons why DBFM was chosen over the other two
9	options that you described, the DBM and the DBFOM?
10	CHRIS SWAIL: Well, generally, yeah, so
11	a DBM has no financial component being funded by
12	the proponent. So the benefits of that is they are
13	more incented to hold the schedule, so that has a
14	significant benefit to the City in this case.
15	With respect to why the City didn't go
16	with a DBFOM, there was an interest in ensuring,
17	basically, seamless integration from an operational
18	perspective to the entire transit system writ
19	large.
20	So what we didn't want is to have a
21	different operator interfacing with the same
22	customers that just came off the buses, for
23	example, right? We didn't want any kind we just
24	wanted seamless integration, one system between the
25	two, so it made sense to not include the O element,

1	essentially, in the in the procurement.
2	KATE MCGRANN: What issues or problems
3	did the City see posed by introducing the operator
4	model? Like, what's the problem with two different
5	operators that the City understood?
6	CHRIS SWAIL: Well, I think that the
7	potential is, you know, a difference between two
8	different operators. We wanted it all to be under
9	one service that was City controlled and could
10	offer guaranteed consistency for all customers.
11	There are also plans to extend, and if
12	you had an operator essentially operating and
13	maintaining one section, a railway line that was
14	planned to be extended through subsequent phases,
15	it could also make for more difficult challenges
16	and and more irregularities between those
17	potential interfaces as the system expands.
18	KATE MCGRANN: Can you be a bit more
19	specific about the challenges that the City foresaw
20	if the operations component was also made part of
21	the model with respect to the expansion of the
22	system?
23	CHRIS SWAIL: Well, there are, at both
24	ends of the system, so Tunney's and Blair, there
25	are hundreds of people boarding and alighting, you

1 know, within sort of five or ten-minute intervals, 2 controlling all of the ways customers move from 3 entering onto one of those buses, exiting one of 4 those buses, and then getting into the station; the 5 convenience and comfort, we would try and maximize. 6 So we introduced and were able to 7 introduce fare-free zones, for example, where 8 passengers could simply -- after they've gotten 9 access on a bus, could simply walk from an area 10 after exiting the bus and go straight into the 11 station without having to tap again, right? 12 If you had a separate operator, you 13 would not be able to do that because that operator 14 is counting on your ability to count specifically, 15 at that point, the person entering the station, 16 So there would be some kind of an right? 17 additional gate there for the bulk of our riders, 18 and that's --19 Your volume went KATE MCGRANN: Sorry. 20 a little fuzzy there, but it seems to have fixed 21 itself, so I didn't --22 CHRIS SWAIL: Sorry. 23 KATE MCGRANN: I want to catch your 24 answer as well. 25 CHRIS SWAIL: Yeah, for the bulk of our

1	riders, and I think, you know, with Confederation
2	Line, because it was the trunk of the system, I
3	think it was and I could be wrong with the
4	number, but I think it's close to 80 percent of the
5	people on the system would have to transfer.
6	So keeping maintaining control of
7	operations helps make that much easier for people
8	using the system, customers.
9	KATE MCGRANN: The only way to create
10	fare-free zones in that high-traffic area was for
11	the City to maintain operations maintain
12	CHRIS SWAIL: I don't know I don't
13	know how I don't know how you would with a
14	separate operator because their revenue would be
15	dependent on counting every single person going
16	through the gate. I don't know how else you would
17	do it.
18	KATE MCGRANN: And is that something
19	that the City looked at and came to that
20	conclusion?
21	CHRIS SWAIL: I certainly think that
22	was one of the inputs that the City put into it,
23	yes.
24	KATE MCGRANN: And when you say that
25	was one of the inputs that the City put into it,
1	

1 what are you talking about? 2 CHRIS SWAIL: Well, it must have been 3 something that was considered at the time, right? 4 KATE MCGRANN: Do you know if it was 5 considered at the time? 6 CHRIS SWAIL: Yes, it was considered at 7 the time. The example I gave you was considered at 8 the time, and it was in reports. 9 It was in the what? KATE MCGRANN: 10 Sorry? 11 It was in reports, the CHRIS SWAIL: 12 interest in, you know, creating fare-free zones so 13 people could easily transfer, maintaining operation 14 operations for customer comfort and convenience and 15 all of those things, yes. 16 Do you know if the City KATE MCGRANN: 17 considered any risks associated with proceeding 18 with a DBFM as opposed to a DBFOM? So, for 19 example, the interface that's introduced between 20 the operator and the maintainer? 21 CHRIS SWAIL: I'm sorry. I thought I 22 just explained that -- the reason why they weren't 23 interested in having the operator. So are you 24 interested in the complications that could be 25 created between a conflict between the operator and ſ

1	the maintainer within a DBFOM?
2	KATE MCGRANN: What I'd like to know is
3	if the City considered any risks or downsides with
4	proceeding with a DBFM as opposed to a DBFOM, for
5	example, the introduction of an interface between
6	two separate parties, the operator and the
7	maintainer?
8	CHRIS SWAIL: That yeah, I can't
9	I can't recollect having a conversation about that.
10	It certainly would have, you know, clearly been
11	indicated to all of the people planning on building
12	it and the relationship between the operator and
13	and the maintainer is dictated in the PA.
14	So I'm not sure what what you're
15	getting at that somehow the potential builders
16	would would look at that as a high risk when
17	bidding on the project. Is that what you're
18	KATE MCGRANN: No. My question simply
19	is, you know, you talked about the upsides
20	CHRIS SWAIL: Yeah.
21	KATE MCGRANN: that the City
22	considered in maintaining operations of the system.
23	CHRIS SWAIL: Yeah.
24	KATE MCGRANN: And I'm trying to
25	understand if the City also considered the

1 downsides that may be associated with the City 2 maintaining operations to the system while 3 contracting out the maintenance to the private 4 partner. 5 CHRIS SWAIL: Yeah, I'm just -- you 6 know, I'm looking at the minimal impacts that an 7 operator can put, you know, on -- on the system, 8 and I'm -- I'm trying to -- you know, other than 9 issues where somebody would operate a train outside 10 of protocols, I can't see how there is much of a 11 downside on the part of the maintainer. 12 KATE MCGRANN: I'm not asking for your 13 view today. I'm asking if you know if the City 14 considered any downside risks with retaining 15 operations while proceeding with the DBFOM --16 sorry, DBFM, when that decision was made. 17 CHRIS SWAIL: Sorry. I'm sure they 18 would have, yeah, but I -- I don't recall the 19 conversations. All the puts-and-takes are in each 20 of the model -- the analysis for each of the 21 models. 22 KATE MCGRANN: Before we move away from 23 this, when I asked you at the outset, can you help 24 me understand why the City's selected this model, 25 and you described a DBM and said that no financial

1 component is being funded by the proponent, the 2 private partner, and then you said they're more 3 incented to hold to schedule. 4 Was the part of your answer where you 5 said they are more incented to hold to schedule 6 with respect to a DBM or a DBFM? 7 CHRIS SWAIL: A DBFM. 8 KATE MCGRANN: So the idea is that as 9 compared to a DBM, because of the financial 10 contribution of the proponent, they are more 11 incented to hold the schedule? 12 That's right. CHRIS SWAIL: 13 You mentioned the KATE MCGRANN: 14 extension as being a factor that weighed in favour 15 of the City maintaining operations of the system. 16 Do you know if the potential extensions 17 were considered with respect to other aspects of 18 the delivery models that the City was looking at? 19 CHRIS SWAIL: Sorry. Can you repeat 20 that question? I'm not quite understanding. 21 KATE MCGRANN: Yeah, let me try to 22 rephrase it. 23 CHRIS SWAIL: Okay. 24 Do you know if the City KATE MCGRANN: 25 considered the potential need for extending the

1 system in the future as part of its analysis of the 2 different delivery models that it could use for --3 CHRIS SWAIL: Yes. Yes. It was Yeah. 4 always considering the extensions. 5 And can you speak to me KATE MCGRANN: 6 about, like, how the extension was considered? 7 What aspects of it played into the consideration of 8 the models? 9 So there were -- there CHRIS SWAIL: 10 were some operational perspectives that influenced 11 the need to extend LRT in Ottawa mainly because the 12 detours at -- at Tunney's could also only support a 13 certain amount -- oh, sorry -- yeah, the bus detour 14 or the bus drop-off at Tunney's could only support 15 a certain volume. 16 So in order to continue to keep 17 ridership levels at the same proportional level as 18 the City grew, at some point, we needed to extend 19 the line further west in order to make those 20 transfers more diffuse in order to properly support 21 Tunney's. 22 So that was -- and I recall it being 23 captured in reports. That was always a key 24 element, and one of the reasons why the City moved 25 so quickly, and the transportation master plan

1 which was done in 2013 into 2014 supported this, 2 was to get those extensions so we could make those 3 transfer points more diffuse and also gain the 4 benefits operationally of those extensions for 5 ridership. 6 KATE MCGRANN: Do you know if the City 7 considered the implications of the delivery models 8 that it was considering on its ability to expand 9 the system in the future? 10 CHRIS SWAIL: Yeah, they did. Yeah. 11 KATE MCGRANN: And what can you tell me 12 about what those considerations involved? 13 Well, again, it would go CHRIS SWAIL: 14 back to the operations, right? You would -- you 15 would want to be able to see -- like, have the 16 system operated consistently throughout all 17 aspects, so bus on to rail and then rail as 18 extended out. 19 KATE MCGRANN: Do you know if there was 20 any consideration about whether any of these models 21 offered more flexibility from a contract 22 perspective with respect to extensions? 23 CHRIS SWAIL: Well, you know, 24 traditional models, I suppose, would -- you know, 25 it -- it's easier to extend something when you

1	don't have a maintainer on it or an operator on it,
2	right? So
3	KATE MCGRANN: Do you know if the City
4	considered the flexibility of any of the options
5	that it was considering with respect to its need to
6	expand in the future and its selection of the
7	delivery model?
8	CHRIS SWAIL: I think that the City did
9	reflect upon it and realized that that would be a
10	subsequent challenge, yes, because I was involved
11	in working through that subsequent challenge on
12	Stage 2, yeah.
13	KATE MCGRANN: So what can you tell me
14	about the City's initial considerations and its
15	decision that that was something that would have to
16	be dealt with in the future?
17	CHRIS SWAIL: Well, we looked at
18	there were various options to extend the line that
19	were were considered, and the City satisfied
20	itself that that they were viable.
21	You know, you get somebody in to build
22	it all, or you do a and you do a mixed fleet
23	with two different maintenance regimes, right?
24	There are there are many options,
25	and I think, at the time, the City satisfied

1 themselves that options were available to do it, 2 and it would be the work of Stage 2 to come up with 3 a recommendation -- recommended option. 4 KATE MCGRANN: And do you know what 5 steps the City took in order to be able to satisfy 6 itself with the decision that you just described? 7 CHRIS SWAIL: Sorry. It's sort of an 8 odd question because there is -- you know, it's 9 like saying when someone builds a three-storey 10 house and they decide to add a fourth storey or a 11 fifth storey at some later point, you know, as long 12 as you have the foundation there and can physically 13 do it, feasibly do it, there are many options to do 14 The challenge is finding one that is the best it. 15 option at the time. 16 Do you know how the City KATE MCGRANN: 17 satisfied itself that this is a decision that could 18 be left to another day, how to deal with the 19 expansion of the system? 20 CHRIS SWAIL: Well, the City's -- the 21 City's -- yeah, do I know? Was I part of a 22 discussion where everybody looked at each other 23 around a table and said, okay, can we expand the 24 system when we want to? Like, of course they can 25 expand the system when they want to. It's just a

1 matter of finding the right way to do it. 2 KATE MCGRANN: My question is if you 3 can tell me how the City took this into 4 consideration at the time that it made the decision 5 to proceed with the DBFM. 6 CHRIS SWAIL: I know, but you're asking 7 me a question. It's like saying, you know, when 8 the province builds a new highway or does an 9 extension to a highway, does it satisfy itself that 10 it can, then, further extend the highway when it 11 wants to at the time it builds the first highway. 12 The answer to that question is, of course it can. 13 To your knowledge, did KATE MCGRANN: 14 the City explicitly discuss the needs to expand 15 after Stage 1 and how that could be accounted for 16 in the procurement model that it selected? 17 Yes. CHRIS SWAIL: 18 KATE MCGRANN: What can you tell me 19 about that? 20 CHRIS SWAIL: That there are many ways 21 that it could be extended. 22 Who considered that, and KATE MCGRANN: 23 how do you know that it was discussed at the time 24 that the delivery model was selected? 25 CHRIS SWAIL: Because it was always in

1	the City's plans to extend both east and west of
2	LRT.
3	KATE MCGRANN: I understand that.
4	CHRIS SWAIL: Yeah.
5	KATE MCGRANN: How do you know that the
б	conversation about how will this model allow us to
7	proceed with our expansion plans took place? What
8	do you know about that?
9	CHRIS SWAIL: I can't recall any direct
10	conversation or being exposed to a conversation
11	about that. I'm just telling you that it has
12	always been in City's plans since 2008 that after
13	the first phase of LRT was built, it would be
14	expanded both east and west.
15	KATE MCGRANN: And beyond not being
16	involved in any discussions about that, did you see
17	that question dealt with or addressed in any
18	reports or any correspondence?
19	CHRIS SWAIL: I recall it being
20	discussed in reports about the need for expansion,
21	yes.
22	KATE MCGRANN: Do you recall how that
23	expansion would be possible in the models that were
24	being considered, being discussed in the reports?
25	CHRIS SWAIL: No. No, there's there

1 isn't a discussion about the -- the model. 2 KATE MCGRANN: Or how the model would 3 accommodate that expansion? 4 CHRIS SWAIL: No. No, not that I can 5 recall. 6 PETER WARDLE: Just, Ms. McGrann, we're 7 talking about reports that were delivered in 2011, 8 which you have been provided with, which you have 9 not shown the witness. So, you know, it's not a 10 memory exercise as you've reminded some witnesses 11 before. 12 So I just want to be clear, you know, 13 asking the witness about something that is now 11 14 years old and trying to get him to recall the 15 details of a 50-page report without showing him the 16 report, you know, what value is the exercise? 17 KATE MCGRANN: You're right, Peter. 18 I'm not trying to guiz you on what you 19 remember about the contents of the report, but I am 20 trying to understanding what you recall, if 21 anything, about what the City did to consider its 22 expansion options under the different procurement 23 models that were being considered. 24 And you have explained to me that 25 expansion was always in the City's mind, and I just

1 want to know what you know about what 2 consideration, if any, the City gave to the 3 opportunities or the downsides that the models 4 would present to those expansion needs that the 5 City had. 6 CHRIS SWAIL: Yeah, I would have to go 7 back and look at the report. I can tell you that 8 it was always considered. I can't tell you if 9 there was a narrative that made that point. 10 KATE MCGRANN: Can you speak to the 11 decision around the level of private financing that 12 the City chose to include in the DBFM model that it 13 proceeded with? 14 CHRIS SWAIL: Yes. I think originally 15 in the first report when it came to looking at a 16 financial component, they looked at \$400 million 17 as -- I think -- I think it was up to \$400 million 18 they were looking at, and if I am recalling 19 correctly, I believe the amount that RTG carried 20 was 300 million in the final PA. 21 KATE MCGRANN: And do you know what 22 drove the City's decision to proceed with up to 400 23 million as opposed to more than that? 24 CHRIS SWAIL: Well, I think -- so -- so 25 I don't -- I don't know directly. I know that IO

1 would have been part of that up to \$400 million 2 number. They would have certainly advised on that. 3 That was their job on the -- on the project, and 4 they certainly would have endorsed the final figure 5 that we landed on for the PA. 6 KATE MCGRANN: You spoke a little bit 7 about work that Boxfish was doing. Who from 8 Boxfish was working on Stage 1 of the OLRT? 9 Brian Guest. CHRIS SWAIL: 10 KATE MCGRANN: And anybody else? 11 No, not that I -- not CHRIS SWAIL: 12 that I'm aware of. 13 KATE MCGRANN: Did they remain engaged 14 with the project as it moved through the 15 procurement phase and into construction? 16 I believe Brian left CHRIS SWAIL: No. 17 the project in 2013. 18 KATE MCGRANN: And do you know why he 19 left? 20 CHRIS SWAIL: He was quite busy doing 21 work for Metrolinx. 22 KATE MCGRANN: So he didn't have the 23 time to continue on? 24 I just think he was busy CHRIS SWAIL: 25 doing other work, yeah. It was --

1 KATE MCGRANN: Do you know if the City 2 wished to continue to retain his advisory services 3 and he was unavailable because of his work from 4 Metrolinx or otherwise? 5 No, I don't. But I -- I CHRIS SWAIL: 6 do know the City did bring him back in 2015, in 7 2016. 8 KATE MCGRANN: And what can you tell me 9 about the work that he was brought back to do? 10 CHRIS SWAIL: He was brought back to do 11 advisory work. Some of the work, he worked closely 12 with Deloitte on commercial aspects. 13 KATE MCGRANN: Commercial aspects of 14 what? 15 CHRIS SWAIL: The project at that time, 16 when he came back, it would have been more in the, 17 you know, planning of -- well, you know, to be 18 honest with you, I don't -- I don't know exactly 19 what his assignment would have been in 2015 or 20 2016. He did some later advisory work for John on 21 Stage 2, and that would have been a little bit 22 later on, 2016, 2017. 23 KATE MCGRANN: And do you know if he 24 was working on both stages at that later point, the 25 2016 to 2017 timeframe?

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1	CHRIS SWAIL: I'm not sure if he was
2	working on both. He you know, he's
3	KATE MCGRANN: Are you able to speak to
4	OC Transpo's role in the work that preceded the
5	release of the RFP to ascertain the City's needs,
6	to create the RFP documents and things like that?
7	CHRIS SWAIL: Yeah, as much as it
8	that work was captured, yeah, in in reports and
9	whatnot, yeah.
10	KATE MCGRANN: Can you talk to me about
11	the degree of their involvement in the planning and
12	preparation of the RFP documents?
13	CHRIS SWAIL: Well, they're the client,
14	so, you know, their needs are are given to the
15	technical advisory team through, you know,
16	interviewing people with, you know, the planning
17	folks, the customer service folks.
18	You know, they wanted to understand,
19	you know, what would be the accessibility
20	requirements for a new vehicle, for example. So
21	that would come through through OC Transpo.
22	They would help and inform all the
23	technical specifications for things like vehicles,
24	you know, the kinds of gates that they wanted to
25	use, how passengers would move from, you know, one

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1	level to another to board a train. Safety
2	concerns, they would be all over that. They
3	they'd input into a lot of those things, yeah.
4	KATE MCGRANN: You are the director of
5	the Stage 2 project office now; is that right?
6	CHRIS SWAIL: No. I left in in
7	2019.
8	KATE MCGRANN: I'm so sorry.
9	CHRIS SWAIL: It's okay.
10	KATE MCGRANN: You were the director of
11	the Stage 2
12	CHRIS SWAIL: I was.
13	KATE MCGRANN: project office from
14	2015 to 2019.
15	CHRIS SWAIL: That's right.
16	KATE MCGRANN: My mistake. It's
17	staring me right in the face. Can you speak to any
18	changes that were made to the timing, the nature,
19	or the extent of OC Transpo's involvement in the
20	preparation and the planning for that stage of the
21	project?
22	CHRIS SWAIL: Well, they functioned a
23	little bit more integrated with the project team as
24	opposed to so we brought people in to work as
25	part of the project team from OC Transpo as opposed

1 to them continuing to do their day job for the most 2 part, right, and then having meetings in a more 3 intermittent fashion. 4 We wanted them to be essentially joined at the hip with the technical advisory team, so 5 6 that was one of the things that we -- we did. 7 They were also part of teams that did, 8 like, help structure the RFO, right? What are the 9 criteria that we want to make sure we're getting 10 from our proponents? You know, they input it into 11 PSOS for the -- the teams as well, right? So they 12 were -- they were very much part and parcel of the 13 team, which was great, actually. 14 KATE MCGRANN: What benefits flowed 15 from those changes for Stage 2 in the 16 more-increased involvement of OC Transpo, if I 17 understand it correctly? CHRIS SWAIL: Well, it just -- it made 18 19 it easier to assure ourselves that we were 20 capturing their cares and concerns in real time. 21 You know, one of the other things 22 that -- that we did on the project was to ensure 23 that, you know, any -- any tweaks that got made in 24 real time to a specification that the City approved 25 we were also capturing onto our project to

1	inform inform the PSOS.
2	You know, so if there were any hiccups
3	that they were experiencing operationally or any
4	changes in in technology, we could get that
5	information quickly and and on-boarded
6	efficiently, so it was good.
7	KATE MCGRANN: And that real time
8	capture of design tweaks, technology, changes or
9	desires for a different technology, that's an
10	innovation that's introduced in Stage 2?
11	CHRIS SWAIL: Yeah, we yeah, they
12	were. Yeah, they were into more formally
13	integrated into the team, yeah.
14	KATE MCGRANN: Do you think that any
15	benefits would have flowed from that kind of
16	integration in Stage 1?
17	CHRIS SWAIL: You know, I can only say,
18	based on feedback from folks at OC Transpo, yes.
19	But I can't tell you materially what would have
20	been different because the other thing that I think
21	one needs to appreciate is everybody was more
22	experienced the second time around.
23	KATE MCGRANN: And how does that how
24	does that apply to what we're talking about right
25	now?

1 CHRIS SWAIL: That everyone was more 2 experienced? Well, it just -- you know, they had a 3 better understanding of -- of the process. Thev 4 had a better understanding of how to write 5 performance specifications, right? It's just, you 6 know, you learn as you work on more of these 7 projects. 8 KATE MCGRANN: With respect to the 9 plans for the launch of Stage 1 to public revenue 10 service, my understanding is that the plan for the start of service was always that there would be a 11 12 complete transfer from the bus rapid transit system 13 to the LRT all at once. Have I got that right? 14 CHRIS SWAIL: I don't -- I don't -- I 15 don't think that's correct. 16 KATE MCGRANN: Okay. 17 CHRIS SWAIL: So I would have left the 18 City in, I quess, around this time three years ago, 19 so whatever, six months before -- four, five months 20 before LRT opened for revenue service in -- so 21 there were basically John Manconi had a management 22 team, right, that -- and we would have our team 23 meetings weekly or bi-weekly. I forget. And, you 24 know, even, I think at least, maybe even a year 25 before revenue service opened, there was discussion

1 about keeping some kind of parallel BRT system going to gradually move people onto -- onto the 2 3 train to help the transition. 4 So now, I can't recall what -- you 5 know, what the original plan may have -- if it was б characterized in, like, the 2012 Implementation 7 Report that it was a hard stop, and maybe you're 8 referring to that. I don't know, but, you know... 9 KATE MCGRANN: So your recollection is, 10 and are you in -- as you continue on as director of 11 the Stage 2 project office, like, are you still 12 involved in the work on Stage 1 at all? 13 CHRIS SWAIL: No. No. John had 14 pretty, like, you know, clear lines, so John Jensen 15 would have been director, and then Steve Cripps 16 took over that, so he was part of the management 17 team. And then Michael Morgan took over that --18 that role, and John was always very clear about, 19 you know, that's your job. This is your job, 20 right? 21 Now, it was also Michael's and Steve 22 Cripps' job to let us know if there was anything 23 that we should know for the -- the future planning, 24 but in terms of the implementation, like, how it 25 was going, all of that stuff, I didn't have much of

1 a view to that as -- as part of Stage 2. 2 KATE MCGRANN: Okay. So you learned 3 about the consideration of parallel bus service for 4 the launch of Stage 1 by virtue of your work on 5 Stage 2 as to sort of keep you informed --6 CHRIS SWAIL: Probably be around the 7 table when people were giving updates, right, and 8 so I'd -- you know, John would come up with an 9 update, and people would present on. 10 KATE MCGRANN: Okay. So you're not 11 working directly on it, but you're hearing updates 12 by virtue of the work that you're doing on Stage 2? 13 CHRIS SWAIL: Yeah. 14 KATE MCGRANN: The discussion or the 15 notion of parallel bus service, as you hear it, 16 about a year before revenue service begins, was it 17 being discussed as a new approach to the launch, or 18 was it part of an ongoing discussion with parallel 19 service that had been considered for some time? Do 20 you know? 21 CHRIS SWAIL: I don't know. I don't 22 know. 23 KATE MCGRANN: And do you have any 24 recollection of any discussions or decisions about 25 plans for how service would be launched during the

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<sup>1</sup> time that you were working with Ms. Scheper	rg on
erme ende you were working wren hb. beneper	-5 011
<sup>2</sup> Line 1 or Stage 1? Sorry.	
<sup>3</sup> CHRIS SWAIL: No. I can't	
4 KATE MCGRANN: Do you have any	
<sup>5</sup> knowledge of who was involved in developing	g the
<sup>6</sup> parts of the project agreement that spoke t	to the
7 trial running requirements for the system?	
8 CHRIS SWAIL: CTP would have be	een
<sup>9</sup> involved in those recommendations for sure.	•
10 KATE MCGRANN: Sorry.	
11 CHRIS SWAIL: IO, I'm sure that	t, you
<sup>12</sup> know, IO probably would have, you know, bee	en party
$\begin{vmatrix} 13 \end{vmatrix}$ to them. Like, probably, the entire team v	would
<sup>14</sup> have been looking at at that, and it	it only
<sup>15</sup> makes sense, right? It's testing and	
<sup>16</sup> commissioning is a key part of any project.	
17 KATE MCGRANN: And so would the	e entire
<sup>18</sup> team be the Executive Steering Committee, F	RIO, IO,
<sup>19</sup> Deloitte, and Boxfish?	
20 CHRIS SWAIL: Well, certainly,	the
<sup>21</sup> certainly, the technical team. You know, 1	I
22 don't you yeah, I I can only specu	late
<sup>23</sup> that that schedule would have been reviewed	1 by, you
<ul> <li>that that schedule would have been reviewed</li> <li>know, most of the senior people working on</li> </ul>	

1	KATE MCGRANN: Were you involved in any
2	discussions about that schedule and
3	CHRIS SWAIL: No.
4	KATE MCGRANN: what it simply took?
5	CHRIS SWAIL: No. No. No.
б	KATE MCGRANN: The transfer of the
7	geotechnical risk to the private partner on Stage
8	1
9	CHRIS SWAIL: M-hm.
10	KATE MCGRANN: were you involved in
11	any discussions or more generally in considering
12	the approach taken to that risk transfer?
13	CHRIS SWAIL: No, I didn't I
14	didn't I wasn't party to the discussions or the
15	development of that risk transfer, you know, how it
16	was gated. I just I just understand it based
17	on, you know, the reports that were given to
18	council in terms of what it achieved for the City,
19	yeah.
20	KATE MCGRANN: Now, I think I've
21	already asked you this question, but just in case I
22	haven't, did you have any involvement in the
23	evaluation of the responses to the RFQ or the RFP?
24	CHRIS SWAIL: No. And you hadn't asked
25	me that question yet.

1 Good thing I asked it, KATE MCGRANN: 2 then. During the procurement period, what was your 3 What were you doing with respect to this role? 4 project? 5 CHRIS SWAIL: I was working for Nancy. 6 Specifically what kind KATE MCGRANN: 7 of work -- what tasks were you carrying out? What 8 did your day-to-day look like --9 CHRIS SWAIL: My day --10 KATE MCGRANN: -- with respect to this 11 project? 12 CHRIS SWAIL: So my day-to-day would 13 look like, if there was a report coming out of RIO, 14 I would have been reading it, otherwise, I would 15 have been working on other priorities within other 16 departments. 17 KATE MCGRANN: So no changes to your 18 responsibilities; you're still reviewing reports 19 for the same purposes as before? 20 CHRIS SWAIL: No. No. I was never, 21 you know, seconded or brought over to the RIO 22 office or anything like that. They were very much 23 just another department that I helped support Nancy 24 in managing. 25 Can you speak to what KATE MCGRANN:

1	the City wanted with respect to rolling stock and
2	the service proven requirement, what it was hoping
3	to get out of that requirement by way of vehicles?
4	CHRIS SWAIL: That it could perform in
5	this type of climate.
6	KATE MCGRANN: To handle all of the
7	different kinds of weather that Ottawa experiences?
8	CHRIS SWAIL: That's right, yeah.
9	And and that it was a model that I believe in
10	the report, they had to they had to prove that
11	it could successfully operate in a similar climate.
12	So in the case of RTG, the comparator, I think, was
13	the Citadis operating in Russia.
14	KATE MCGRANN: And were you involved in
15	any of the work done to assess whether that model
16	would meet the service proven requirements?
17	CHRIS SWAIL: No. No.
18	KATE MCGRANN: Based on what you saw
19	and the work that you did, when you learned that
20	RTG had been selected as the preferred proponent,
21	were you surprised by that selection at all?
22	CHRIS SWAIL: No.
23	KATE MCGRANN: To your knowledge did
24	anybody voice any concerns about that selection?
25	CHRIS SWAIL: No. I believe at the

1 time, they had just successfully delivered 2 Canada Line a couple years prior which came in on 3 budget and early, if I remember. So I think there 4 was generally excitement that they had a proven 5 track record. 6 KATE MCGRANN: Do you know if the City 7 anticipated any challenges arising from the joint 8 venture structure of RTG? So, for example, the 9 fact that there would be a company or two in 10 between the City and subcontractors that are 11 performing work. 12 CHRIS SWAIL: No. No. 13 KATE MCGRANN: Were you involved in any 14 reporting to either the Provincial or Federal 15 Government about the project? 16 CHRIS SWAIL: No. NO. 17 KATE MCGRANN: Do you have any 18 knowledge of what kind of involvement the 19 Provincial or Federal Government had in the project 20 from an oversight perspective or otherwise? 21 Well, I know that in CHRIS SWAIL: 22 order to get payments, the City needs to submit 23 what are deemed eligible expenses in order to have 24 the money flow, and that's handled by Finance. 25 KATE MCGRANN: Okay. And anything

1	other than that?
2	CHRIS SWAIL: No. I just know of the
3	process.
4	KATE MCGRANN: Once the project
5	proceeds into the construction phase, can you
6	describe to me how the Executive Steering Committee
7	achieved its oversight of the project at that point
8	in time?
9	CHRIS SWAIL: After the procurement
10	phase, so between 2012 and moving over to Stage 2,
11	I had pretty limited exposure to how the
12	implementation was going, you know, other than
13	progress updates on how construction was going, so,
14	no.
15	KATE MCGRANN: Who would be delivering
16	those progress updates?
17	CHRIS SWAIL: So they would be put
18	together based on the reporting requirements that
19	RTG had to deliver to the City, right? So RTG was
20	required to as part of the PA to, you know,
21	provide updates, and there's tons of reporting
22	requirements in in PA, so that would be with the
23	Rail Implementation Office, and they would put it
24	together in some kind of a PowerPoint presentation,
25	and that would, then, go up on the website, you

1 know, and they would show pictures of, you know, 2 starting to excavate sites and starting to pour 3 concrete and those kinds of things. 4 KATE MCGRANN: Okay. So your exposure 5 to the construction process and the City's work to 6 oversee it is limited to update reports put 7 together by RIO based on information provided by 8 RTG? 9 Yeah. CHRIS SWAIL: That -- that's 10 what -- all I can recall at that -- at that time, 11 right? 12 Do you recall learning KATE MCGRANN: 13 of any particular risks to the schedule while you 14 were in your role with Ms. Schepers? 15 CHRIS SWAIL: Sure. There was the --16 the Waller Street sinkhole that happened pretty 17 early on in the project, right? So -- and then I 18 certainly was aware of the Rideau Street sinkhole. 19 You know, did -- yeah, those two come to mind for 20 sure. 21 KATE MCGRANN: The Rideau Street 22 sinkhole post-dated your involvement in Stage 1 23 through your work in Ms. Schepers' office; is that 24 right? 25 CHRIS SWAIL: Yeah, I was already on

1	Stage 2. I think the sinkhole was 2016, and I had
2	already started working on Stage 2, yeah.
3	KATE MCGRANN: With respect to the
4	Waller Street sinkhole, did you have an impression
5	of what kind of or what magnitude of delay that
б	caused for the construction schedule?
7	CHRIS SWAIL: I don't think it caused
8	much of a delay, but I don't have, you know, my
9	recollection is RTG dealt with it fairly
10	efficiently and effectively. And they you know,
11	it I can't recall a discussion about it
12	impacting significantly impacting the schedule.
13	It was pretty early on in the project, but
14	KATE MCGRANN: Any other risks to the
15	construction schedule or the construction more
16	generally that you recall being made aware of
17	during your time in Ms. Schepers' office?
18	CHRIS SWAIL: I think there were a few
19	just, you know, hiccups on on getting permits
20	and things like that that I I recollect, but
21	nothing significant, right? So, you know, site
22	inspector would come by and didn't like a few
23	things, so RTG would have to fix it, right, those
24	kinds of those kinds of things.
25	KATE MCGRANN: Nothing material,

1 though? 2 CHRIS SWAIL: No. No. You know, as --3 as the project progressed, people did get more 4 concerned about, you know, what they were seeing 5 being built versus when the system was going to get 6 open, but that was, you know, throughout the City 7 that concern was being expressed. You know, they 8 started -- questions started surfacing about 9 whether or not RTG were going to be on schedule, 10 and they -- and they weren't. 11 KATE MCGRANN: Do you remember 12 approximately when those questions started 13 surfacing at the City? 14 I think, you know, CHRIS SWAIL: 15 materially after the sinkhole, there was questions 16 after the Rideau Street sinkhole about whether or 17 not they could catch up in the schedule. 18 KATE MCGRANN: And were you privy to 19 discussions about that topic by virtue of the 20 information that's being shared while you were 21 working as director of the Stage 2 project office? 22 CHRIS SWAIL: So not directly, no. Т 23 know that there were reports trying to find out, 24 you know, what caused it and those kinds of things, 25 but -- but that's about it.

1 KATE MCGRANN: Other than the 2 Rideau Street sinkhole, are you aware of any other 3 factors that may have caused or contributed to the 4 construction delay on the project? 5 CHRIS SWAIL: No. That's the only б unanticipated event that I can think of of any real 7 significance. You know, I think it's a complicated 8 project with lots of challenges, but there were 9 means to build it. 10 KATE MCGRANN: Were you involved in 11 negotiating amendments to the project agreement or 12 more generally negotiating with RTG about Stage 2 13 and the impacts that it would have on the Stage 1 14 relationship between the City and RTG? 15 I was involved in the MOU CHRIS SWAIL: 16 that we -- we achieved with RTG and then later the 17 contract for Stage 2, yeah. 18 KATE MCGRANN: Can you speak to the 19 City's considerations around the decision to step 20 in and guarantee RTG's debt with respect to the 21 Stage 1 work? 22 CHRIS SWAIL: Yeah. So in the original 23 contract, the long-term lenders had the ability to 24 approve any scope change on the original contract 25 of \$5 million or more. There was also -- I think

it was like a debt servicing resiliency component to the agreement whereby, if additional scope was brought on, they could seek additional -- an additional equity infusion into the -- into the project on the part of RTG that would then also be carried over to the long-term maintenance regime, I believe.

And in looking at that, if I'm
 remembering correctly, I think it had the potential
 to cost the City somewhere around \$80 million in
 additional financing costs.

<sup>12</sup> So a decision was made to assume the <sup>13</sup> role of the long-term lender on the part of the <sup>14</sup> City which made no material difference financially <sup>15</sup> for the City in terms of its own debt financing <sup>16</sup> because we were already guaranteeing the servicing <sup>17</sup> of that debt.

And it also put us in a better position in terms of overseeing RTG's performance in terms of ensuring those long-term debt payments as part of their contribution more directly. So we had an ability to actually get more information from RTG in order to do that.

<sup>24</sup> So I'm just -- I'm trying to think if <sup>25</sup> that's all of the puts-and-takes that went into

1 that, yeah. 2 KATE MCGRANN: Okav. So the additional 3 80 million in financing costs that would be 4 required from the City, is that a result of the ask 5 of the existing creditors --6 CHRIS SWAIL: Yeah. 7 KATE MCGRANN: -- to agree to the 8 amendments? 9 CHRIS SWAIL: They -- contractually, 10 they would have to -- they would -- they would need 11 to secure that, yeah. So essentially what they 12 wanted is a guarantee that they would be made whole 13 and couldn't lose any money, so we stepped in to 14 make that -- to make that guarantee and assume 15 their debt, right? 16 KATE MCGRANN: You --17 CHRIS SWAIL: Then as a result, instead 18 of the City paying them, they're paying the City. 19 KATE MCGRANN: The 80 million in 20 additional financing costs, I just want to make 21 sure that I understand where that comes from. So 22 that was -- that was the lenders' demand in order 23 to agree to the changes of the project agreement to 24 account for the needs of Stage 2? 25 CHRIS SWAIL: It wasn't a demand. Ιt

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1 was what was in their contract for financing for --2 for RTG. It wasn't like a -- a new provision. It 3 was how it was structured, their financing 4 agreement was structured. They had the -- they had 5 the rights to get more equity, and when the private 6 partner holds more equity, you're paying additional 7 financing costs to do so. 8 And was the quantum of KATE MCGRANN: 9 the additional equity that they could require set 10 out in the contract? It was a given that it was 11 going to translate to 80 million for the City, this 12 had to do with any positions that the lenders were 13 taking? 14 CHRIS SWAIL: So you would have to talk 15 to finance to get clarity on -- on that detail. Τ 16 can't tell you if that was a provision that was 17 captured in the PA or a provision that's captured 18 between the agreement between RTG and their 19 long-term lenders and how they structured their own 20 financing. 21 KATE MCGRANN: Okay. So it was your 22 understanding that the 80 million was part of the

contract. That specific number was provided for
 there, not just the right to ask for more --

PETER WARDLE: I understood the witness

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1	to say that it had the potential to cost the City
2	\$80 million in additional financing costs.
3	CHRIS SWAIL: Yeah, that's right.
4	PETER WARDLE: That's what he said. So
5	I think it's
6	KATE MCGRANN: Okay. I understood
7	then
8	PETER WARDLE: Yeah. I think it's a
9	different
10	KATE MCGRANN: Sorry. Go ahead, Peter.
11	PETER WARDLE: I think it's a different
12	step than seeking an additional equity infusion, as
13	I understand it, that would have consequences that
14	would lead to that potential.
15	CHRIS SWAIL: That's right.
16	KATE MCGRANN: Okay.
17	PETER WARDLE: And I just want to make
18	sure that you've got the witness's answer.
19	KATE MCGRANN: Thank you very much.
20	That's helpful.
21	So just to make sure that I understand
22	this, the right to seek additional equity, that is
23	built into the contract; that's your understanding?
24	CHRIS SWAIL: That is built into the
25	agreement or the financing agreement between RTG

1 and the long-term lenders, their long-term lenders. 2 KATE MCGRANN: So the additional 3 financing costs to the City that you described up 4 to 80 million, explain to me how that number was 5 arrived at. 6 CHRIS SWAIL: So it's a bit of a food 7 chain when it comes to guaranteeing the investments 8 of people participating in AFP models, okay? 9 So RTG had \$300 million of money that 10 was being put forward. Some of it's paid back 11 through the long-term debt, right? Some of it was 12 paid back at construction completion. 13 Within the way they set up, they're 14 also required to maintain a certain amount of 15 equity, right? So the first people that get paid 16 are those long-term lenders, and the security that 17 the long-term lenders insist on having is RTG's own 18 equity. 19 So if RTG isn't making or isn't 20 performing so it's getting the full value of, say, 21 its monthly maintenance amount, they have an 22 ability to supplement it through their own equity 23 which then goes to the long-term lenders. 24 Now, scope and scale are also a part of 25 this. So in order to give a contract extension to

1 RTG that would see the provision of an expanded 2 maintenance facility, the provision of, I think it 3 was 38 more trains, and their input into developing 4 and validating the PSOS that was going into Stage 2 5 and working as a sub to the project proponents to б validate that everything was being built to the 7 right standard, right, all of that is all packaged 8 up in the MOU, and it's worth about \$500 million, 9 or \$492 million. 10 In order for them to get that kind of 11 additional scope, the long-term lenders would have 12 required them to put more of their -- more money, 13 equity, into the pool to protect their money 14 because now there's more things that could go 15 wrong, so they had an agreement that would see them 16 put more equity if we had followed it, okay? 17 And so we looked at that, and we said, 18 well, the City can't really rationalize that when

<sup>18</sup> well, the City can't really rationalize that when <sup>19</sup> there isn't really good value to be had from those <sup>20</sup> additional financing costs in any way, shape, or <sup>21</sup> form.

So we decided to step into the shoes of the long-term lender, and we essentially guaranteed them, and RTG didn't have to increase their equity and with the impact of having the potential to cost

1	the City about \$80 million.
2	So it's in the reports. I you know,
3	I I'm going from memory from whatever, half a
4	decade ago, right? Well, I've a little bit less,
5	three years ago, but, still, it's laid out. It was
6	made very clear that the rationale for why we
7	were doing so.
8	KATE MCGRANN: And who was involved in
9	considering the options and preparing the reports
10	on this?
11	CHRIS SWAIL: So I would have been
12	involved in in hearing the options. CTP would
13	have been involved in hearing the options,
14	Deloitte; you know, Brian would have been involved
15	in hearing the options and making a recommendation,
16	and all the members of Executive Steering Committee
17	at that time which continued to function overseeing
18	both projects.
19	KATE MCGRANN: Do you remember who from
20	CTP was involved?
21	CHRIS SWAIL: Who from CTP was
22	involved? Yeah, a number a number of people
23	would have been involved. You know, we had, you
24	know, a couple of leads. So Keith MacKenzie, and
25	Charles Wheeler would have been, you know, two of

1	the leads focusing on Confederation Line extension,
2	so they were heavily involved and also involved in
3	helping come up with the inputs and analysis that
4	led us to deciding to do the contract extension in
5	this way. We looked at many different options for
6	how we could extend the line and and have RTG
7	take on the the maintenance component.
8	KATE MCGRANN: And who from Deloitte
9	was involved?
10	CHRIS SWAIL: That would have been
11	Remo Bucci, and we had other, you know, team
12	members reporting to him.
13	KATE MCGRANN: And Brian is
14	Brian Guest?
15	CHRIS SWAIL: Brian is Brian Guest,
16	yeah.
17	KATE MCGRANN: Can you help me
18	understand the you spoke of the financial
19	implications of guaranteeing the debt, but then you
20	also spoke about what I would call the relational
21	implications of guaranteeing the debt, the City
22	vis-à-vis RTG.
23	CHRIS SWAIL: Right
24	KATE MCGRANN: Sorry. So there's the
25	financial component. We had discussed that. And

1	then you also talked what about I would describe as
2	the
3	CHRIS SWAIL: Sorry. I'm just closing
4	my door.
5	KATE MCGRANN: relational benefits
6	or relationship benefits to the City from
7	guaranteeing the debt. So you mentioned getting
8	more information from RTG. Can you just describe
9	that component of the decision in more detail?
10	CHRIS SWAIL: So the long-term lenders
11	have an ability to get more of a direct view to how
12	things are going in order to make sure that their
13	money is protected vis-à-vis progress on the
14	project.
15	So stepping into their shoes, we had
16	that direct ability to request reports and seek
17	more information from RTG that through the same
18	mechanisms that the long-term lender had because we
19	were becoming the long-term lender.
20	KATE MCGRANN: Is the senior creditors
21	technical adviser implicated in this at all?
22	CHRIS SWAIL: Creditors technical
23	advisor, so these are this is the independent
24	person that sort of wrote the reports; is that what
25	you're referring to?

1 KATE MCGRANN: I think that was --2 CHRIS SWAIL: I think I was getting 3 lost in terminology. Yeah, you know, they -- they 4 would be involved, yeah. 5 KATE MCGRANN: Is it that the City now 6 gets to receive those reports which would have, 7 before this decision, been going to the creditors? 8 CHRIS SWAIL: Yeah, and I think they --9 the City also has the same tools at their disposal 10 to, you know, be able to demand other reports as -as well if there were any concerns. 11 12 KATE MCGRANN: Other than -- other than 13 the report rights that you've described, any other 14 benefits informing the City from an information or 15 ability to try to require RTG to comply with the 16 contract or the schedule? 17 CHRIS SWAIL: I can't recall any. You 18 know, for us, the big benefit was just being able 19 to have a single maintainer for the extensions. 20 You know, that was one of our fundamental 21 challenges and one of the things that we tried to 22 achieve early on in the project because we were 23 worried about getting into a situation where 24 potentially you could have one maintainer's 25 vehicles running on someone else's tracks and --

1 and vice versa and the untenable finger-pointing 2 that could result with the City being caught in the 3 middle of that. 4 Do you know if IO was KATE MCGRANN: 5 consulted in this decision at all? 6 CHRIS SWAIL: IO was consulted in the 7 decision at all -- IO was not a formal procurement 8 advisor on Stage 2. 9 KATE MCGRANN: I was thinking more with 10 respect to the implications for the Stage 1 11 relationship. 12 I -- I can only assume CHRIS SWAIL: 13 that they would have been. 14 KATE MCGRANN: Do you have any direct 15 knowledge --16 CHRIS SWAIL: No. 17 KATE MCGRANN: -- of Infrastructure 18 Ontario being consulted? 19 CHRIS SWAIL: No. 20 KATE MCGRANN: All right. And do you 21 know if the City provided notice or sought feedback 22 from either the Provincial Government or the 23 Federal Government with respect to this decision? 24 Yes. We certainly did CHRIS SWAIL: 25 because we wanted to make sure that that \$500

million was eligible for cost-shared funding, so 1 2 that was also a concern, and we got the blessing of 3 both Federal and Provincial Governments after 4 taking them through that. 5 I guess the -- the one thing I have to 6 circle back on in terms of how you asked your 7 question on IO's relationship as it relates to 8 Stage 1, you know, IO is the procurement advisor 9 for Stage 1, right? So... 10 KATE MCGRANN: I'm not sure what I 11 should take from that. 12 CHRIS SWAIL: That, in many ways, it's 13 their role to offer advice on those things. That's 14 their job on the job is all I'm saying, right? 15 Fair enough. KATE MCGRANN: No. No. 16 I think that's what leading to my question of, do 17 you know if they were involved in this decision? 18 Well, it's just -- it's a CHRIS SWAIL: 19 weird thing because it hangs out there like we 20 don't know, but yet, we do know IO does its job. 21 KATE MCGRANN: We talked a little bit 22 about some different approaches that have been 23 taken on Stage 2. You talked about the integration 24 of OC Transpo into the planning and procurement 25 preparation. Any other changes made to Stage 2 as

1 compared to Stage 1? 2 CHRIS SWAIL: Well, I can tell you some 3 of the -- the thinking, you know, that -- that went 4 into it. You know, obviously, we did our best to make sure that we included better estimates and, 5 б you know, petitioned both the Provincial and 7 Federal Governments not to cap their share of 8 funding so early on. 9 We used Project Definition Reports --10 this is going to bore you -- but for the early 11 stages of both the extensions basically to get a 12 very clear handle on the overall scope of the 13 project to do our best to mitigate scope increases 14 as the design or the references on concept further 15 developed and, you know, the project evolved. 16 We did push the NCC for -- and the 17 Federal Government to see if we could get access to 18 Federal lands for free as opposed to paying, you 19 know, best and highest use on some of the -- on 20 some of the properties because, you know, to circle 21 back on eligibility, which is an interesting topic, 22 property is not eligible for cost-sharing, right? 23 Neither are financing costs, neither are legal 24 costs, right? So your property costs are a hundred 25 sent City dollars for these projects, and we saw

1 LRT as a benefit particularly in Ottawa to the 2 Federal Government and thought that we'd have a 3 pretty good case to try and get some kind of 4 financial relief on that so we could push for that. 5 We focused on making sure we got the б blessing from the NCC on designs for stations, et 7 cetera, that were on Federal lands. We did our 8 best to keep the risk regime that had been so 9 successful on Stage 1, although, you know, the 10 market was not willing to take on that risk as a 11 result of the sinkhole and other things that were 12 going on on projects. 13 We felt that bundling the 417 was very 14 much a success primarily for the bus detours, but 15 we continued to do that. At one point, the --16 another section of the 417 was included in Stage 2 17 but then got pulled out by the 18 Provincial Government sort of at the 11th hour when 19 a new government was elected and they were looking 20 to reduce some costs, so they pulled it out. But we still bundled, I think it was 21 22 \$180 million of -- of other works primarily to --23 because of the duration of the build and a lot of 24 the structures, particularly the -- in the east 25 end, were integrated with bridges.

1 We wanted to get the rehabilitation of 2 the bridges to be done at the same time as the 3 structures were being built, and that way, 4 everything would not only be built in an integrated 5 fashion, but you wouldn't get finger-pointing б between different contractors and those kinds of 7 things. 8 There were some things that needed to 9 be done. Like, you know, there was a bridge that 10 needed to be completely rehabbed at Montréal Road, 11 and, you know, we were building a new station at 12 Montréal Road, so it just made absolute sense. 13 There were water mains that were 14 travelling -- that travel underneath the alignment 15 that at some point, in -- over the -- that horizon 16 needed to be upgraded, so we brought that into the 17 project as well, so just basically to get rid of 18 contractor conflict. 19 I think I mentioned the -- what we 20 talked about OC Transpo already, right? So that 21 was one of the things.

And the other thing that comes to mind is going from earned value to milestone payments which most of the market has subsequently done, and I'm sure others have talked about that as well.

1 We also enhanced mobility matters. I'm not sure if I need to explain that or -- or not, 2 3 but essentially, it's a lane rental program that we 4 used for Stage 1. We enhanced it to look at active 5 mobility as well, you know, bike detouring, ped б detouring. There were a lot of pathways on NCC 7 lands, like, around Lincoln Fields heading up to 8 Algonquin College, and we didn't want people to 9 have to go through, you know, really long detours 10 who rely on those pathways for recreational or 11 computer [sic] -- commuter purposes, right, so we 12 enhanced that. 13 I think that's -- those are the ones 14 that come to mind. 15 KATE MCGRANN: The Project Definition 16 Reports --17 CHRIS SWAIL: Yeah. 18 KATE MCGRANN: -- first of all, have I 19 got that title right? 20 CHRIS SWAIL: Yeah. 21 KATE MCGRANN: Were those used in Stage 22 1? 23 CHRIS SWAIL: Project Definition 24 I'm not -- I'm not sure. It's a -- it's Reports? 25 a good practice. They may have been. Our point in

1 using them was to make sure everybody was on the 2 same page in terms of scope, too, right? So that's 3 why we -- we did it, yes. 4 KATE MCGRANN: You made several 5 references to the NCC. For the sake of the 6 transcript, that's the National Capital 7 Commission --8 CHRIS SWAIL: Yeah. 9 KATE MCGRANN: -- is that right? 10 CHRIS SWAIL: Sorry. 11 KATE MCGRANN: You said that you went 12 to the NCC for design blessings. Why did you do 13 that? 14 CHRIS SWAIL: Because they have 15 authority over designs that are being built on 16 Federally significant lands in the National Capital 17 region. 18 To your knowledge, were KATE MCGRANN: 19 there any issues in obtaining the NCC's approval of 20 designs on Stage 1? 21 CHRIS SWAIL: No. No. 22 KATE MCGRANN: You mentioned using 23 the -- is -- my own handwriting. It's either risk 24 regime or risk register -- that was so successful 25 in Stage 1. What was what a reference to?

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1 CHRIS SWAIL: Risk regime, right? So 2 obviously, that risk regime has served Ottawa well 3 particularly in light of the sinkhole that 4 materialized on Rideau Street. 5 So with respect to geotechnical risk, 6 you know, we were inclined at first to do that but 7 heard very clearly from proponents that they were 8 not willing to take on that risk and looked for a 9 more reasonable and more potentially shared risk 10 profile when it came to any potential geotechnical 11 issues that may crop up that could not be otherwise 12 interpreted from the data that the City had 13 provided. 14 KATE MCGRANN: So the risk regime that 15 you're describing from Stage 1 was the transfer of 16 the geotechnical risk to the private partner; is 17 that right? 18 CHRIS SWAIL: Yeah. Yeah. Yeah. 19 KATE MCGRANN: And to the extent that 20 you can speak to this, do you see any change in the 21 relationship between the City and its private 22 partner that you think may flow directly or 23 indirectly from the shared risk that was introduced 24 in Stage 2?

CHRIS SWAIL: Sorry. Can you repeat

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	1	that?
	2	KATE MCGRANN: I can try. Do you see
	3	any changes in the nature of the relationship
	4	between the City and its private partner that you
	5	think flows directly or indirectly from the fact
	6	that that risk is now shared between the two of
	7	them as opposed to transfer to just the private
	8	partner?
	9	CHRIS SWAIL: No. I don't I don't
	10	think it's different.
	11	KATE MCGRANN: And then you talked
	12	about a difference or, I think, a change from the
	13	milestone payment approach taken in Stage 1.
	14	CHRIS SWAIL: Yeah.
	15	KATE MCGRANN: Can you speak to that in
	16	a little bit more detail?
	17	CHRIS SWAIL: Well, so for a project
	18	like a transit project where there are many moving
	19	parts that are being built, right, one of the
	20	the lessons we learned on Stage 1 is, you know, the
	21	tunnel was a significant component, so it made
	22	absolute sense to have milestones associated with
	23	the tunnel in order for RTG to prove they had
	24	gotten to a certain point in terms of progress, and
	25	then they would receive that payment.
	1	

1 So I think altogether -- and you'd have to go back and check -- there were, you know, seven 2 3 or eight milestone payments and then a substantial 4 completion payment with Stage 1. 5 So what ends up happening with б milestone payments is depending on where proponents 7 are on the project in their own progress, they end 8 up becoming very focused on what's going to give 9 them a milestone payment. 10 And when you have an event like the 11 sinkhole on Rideau Street, everybody -- after that 12 happened, what's first and foremost on the 13 proponent's mind is, how do we remedy this in order 14 to get back to where we need to be to get our next 15 milestone payment? 16 Whereas earned value is more flexible. 17 A proponent just has to demonstrate that it has 18 done any combination of works towards substantial 19 completion that where the value of those works can 20 reach the threshold required in order to receive a 21 So it gives them more flexibility. payment. 22 And in the case of Stage 1, instead of, 23 you know, them focusing all their energies on the sinkhole, other works could have been done in the 24 25 meantime with less of a focus on getting caught up

<sup>1</sup> from a schedule or a perspective in order to get
 <sup>2</sup> that milestone payment.

3 So it's just -- and I can't say that 4 this has been a result. Like, the market has moved 5 this way because it's a more reasonable, flexible 6 way, and in many ways, you know, P3s are built and 7 are successful because they give the constructor 8 more control, right? They can innovate when it 9 comes to design. It's more performance-based, all 10 of those things, and earned-value payments in that 11 kind of a regime very much compliments the 12 procurement model in a way that milestone payments 13 doesn't as readily.

14 KATE MCGRANN: Are there any lessons 15 learned from Stage 1 other than -- I'm not going to 16 treat it as a -- are there any lessons learned from 17 Stage 1 that you have seen applied in Stage 2?

<sup>18</sup> CHRIS SWAIL: Well, the ones I listed, <sup>19</sup> we did apply on Stage 2. So one that I missed that <sup>20</sup> I should mention was, you know, we increased our <sup>21</sup> stakeholder relations' outreach on Stage 2 just <sup>22</sup> because of the swath of land we were -- we were <sup>23</sup> going through in the different communities.

<sup>24</sup> So, yeah, you know, I think that <sup>25</sup> there's been, you know, improvements made. I think

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<sup>1</sup> that the -- you know, the -- the spec was made a <sup>2</sup> little bit more performance-based and less <sup>3</sup> prescriptive in areas where we could allow <sup>4</sup> proponents to innovate a bit more.

5 For example, you know, one of the 6 things we heard from proponents was station design 7 was very complicated in terms of how RTG built the stations. And so, you know, we were -- you know, 8 9 took very much a -- well, if you can emulate the 10 look and feel but do it in a simpler way without 11 compromising quality and all of the other, you 12 know, safety principles, CPTED principles, things 13 like that, you know, the gates are still working 14 and in the right position, all of those things, 15 then we're open to that, right?

16 So -- and those are lessons learned as 17 well from -- from Stage 1, right? You don't -- and 18 I think lessons learned in the market in general, 19 and that was the point I was going to make about 20 earned value, right. Like, I think regardless of 21 whether or not there was a sinkhole on 22 Rideau Street, earned value is going to become the 23 standard as opposed to milestones as these types of 24 procurements progressed.

KATE MCGRANN: Do you know if any

1 changes were made to the trial running period for 2 Stage 2? 3 CHRIS SWAIL: Yeah. It was -- it was 4 I think it was made a little bit more increased. 5 stringent, but I don't want people to misunderstand 6 the timelines here. It was made more stringent 7 well before RTG got into any problems when it came 8 to handing over the system to -- to the City. 9 That, again, was just something that, 10 you know, we were being advised by our technical 11 folks based on experience in other projects. 12 KATE MCGRANN: So increase, and you 13 said made more stringent. What do you mean by 14 that? 15 CHRIS SWAIL: Just the performance, you 16 know, requirements, like, continuous; and, you 17 know, more testing; you know, amount of people 18 that, you know, could test it longer; trial 19 running; that kind of stuff, just to make sure that 20 everything -- everything worked. 21 KATE MCGRANN: Is the City taking a 22 different approach to oversight of its private 23 partner in Stage 2? 24 Oversight in its private CHRIS SWAIL: 25 partner on Stage 2. Well, there are more players,

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1	so RTG, you know, being one of them, right? So
2	they you know, they have to satisfy the
3	requirements that, you know, RTG also oversaw in
4	the spec, right?
5	So they validated and verified the spec
6	as it was put into into Stage 2, and they are
7	overseeing the implementation, and when it gets
8	down to systems integration and those kinds of
9	things, they'll they'll play a part in with
10	seeing that as well.
11	I think the independent certifier,
12	which I think you might be referring to, that kind
13	of regime and approach, I think, remained
14	consistent between Stage 1 and and Stage 2.
15	KATE MCGRANN: And with respect to the
16	City's oversight of the progress of construction,
17	testing, and commissioning, any changes made to the
18	approach taken in Stage 2?
19	CHRIS SWAIL: Well, there were changes
20	made to the spec in the procurement, how its being,
21	you know how oversight is being performed on a
22	day-to-day basis, I think, is best left to the
23	implementation office to to tell you.
24	KATE MCGRANN: Ms. Peddle, do you have
25	any follow-up questions on anything that we've

1 discussed? 2 CARLY PEDDLE: No, I don't. 3 All right. Mr. Swail, KATE MCGRANN: 4 the Commission has been asked to investigate the commercial and technical circumstances that led to 5 the breakdowns and derailments on Stage 1. 6 7 Other than the topics that we've 8 discussed this afternoon, are there any other areas 9 that you think the Commission should be looking at 10 as part of its investigation? 11 CHRIS SWATL: No. 12 The Commissioner has KATE MCGRANN: 13 also been asked as part of the mandate to make 14 recommendations to try to prevent issues like this 15 from occurring again in the future. 16 Do you have any specific 17 recommendations or areas of recommendation that you 18 think should be considered as part of that work? 19 CHRIS SWAIL: No. If you give me a 20 couple days to think about it, but nothing off the 21 top of my head, you know. To be honest with you, 22 we -- the -- the problem that we have is a 23 contractor that hasn't lived up to what they 24 promised they could deliver, so... 25 Could you speak to that KATE MCGRANN:

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1	a little bit more in a little more detail?
2	CHRIS SWAIL: Well, you know, from my
3	perspective, which is just my perspective outside
4	looking in now very much a few years later after,
5	it's, you know, they they seemed to be a great
6	team capable of building a great project.
7	And I'm not sure why and what happened
8	within RTG and, you know, the arrangement between
9	the constructor and the maintainer and the vehicle
10	supplier.
11	But, you know, something it hasn't
12	worked, and it hasn't clicked and, you know, I
13	think a lot of the answers to why the City is not
14	getting the reliable service it deserves lie in the
15	inner machinations of of the group that are
16	contractually obligated to deliver it.
17	KATE MCGRANN: Mr. Wardle, do you have
18	any follow-up questions?
19	PETER WARDLE: No thank you.
20	KATE MCGRANN: Thank you very much,
21	everyone, for your time, and this concludes our
22	interview today.
23	PETER WARDLE: Thank you.
24	Whereupon the Examination concluded
25	at 4:23 p.m.

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1	REPORTER'S CERTIFICATE
2	
3	I, JANET BELMA, CSR, Certified
4	Shorthand Reporter, certify;
5	That the foregoing proceedings were
6	taken before me at the time and place therein set
7	forth, at which time the witness was put under
8	oath;
9	That the testimony of the witness
10	and all objections made at the time of the
11	examination were recorded stenographically by me
12	and were thereafter transcribed;
13	That the foregoing is a true and
14	correct transcript of my shorthand notes so taken.
15	
16	Dated this 2nd day of May, 2022.
17	
18	
19	Ganet Belma.
20	
21	NEESONS COURT REPORTING INC.
22	PER: JANET BELMA, CSR
23	
24	
25	

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