NIAGARA FRONTIER TRANSPORTATION AUTHORITY COMBINED COMMITTEE MEETINGS JANUARY 27, 2022

Transcript of Video Recording of Proceedings held at NIAGARA FRONTIER TRANSPORTATION AUTHORITY, 181 Ellicott Street, Buffalo New York, STENOGRAPHICALLY TRANSCRIBED BY LARA K. SENIW, NOTARY PUBLIC.

MEMBERS IN THE BOARDROOM: 1 Sister Denise Roche, Chair 2 Commissioner Mark Blue Commissioner Adam Perry 3 OFFICERS IN THE BOARDROOM: 4 Kimberley Minkel, Executive Director John Cox, Chief Financial Officer 5 STAFF IN THE BOARDROOM: 6 Vicky-Marie Brunette, Deputy General Counsel Pascal Cohen, Sr. Mgr. Aviation Mktg./NFIA Operations 7 Steve Duquette, Chief Information Officer Tom George, Director, Public Transit 8 Darren Kempner, Manager, Government Affairs and Grants Karen Novo, Director, Human Resources 9 Mary Perla, Senior Counsel John Schaefer, Director, Engineering Helen Tederous, Director, Public Affairs 10 Bill Vanecek, Director, Aviation Lee Weitz, Deputy Director of Aviation 11 12 MEMBERS ON THE PHONE: Commissioner Joan Aul, Treasurer 13 Commissioner Anthony Baynes 14 Commissioner Margo Downey OFFICERS ABSENT: 15 David State, General Counsel 16 CHAIR ROCHE: 17 Thank you for being on screen and on phone, 18 etc. We will now have the Combined Committee Meetings for the Niagara Frontier Transportation Authority and Niagara Frontier Transit Metro 19 20 System for January, and you know it's January 2022. You just have to 21 look around. I think today we are wearing out masks more for warmth 22 than for safety. 23 [Laughter] 24 CHAIR ROCHE: Kim? MS. MINKEL: Great. Thank you, Sister. Maybe at the 25 26 beginning of the meeting, even though no votes are being taken, for 27 attendance, I would ask the Deputy General Counsel Vicky Brunette to do 28 the roll call.

MS. BRUNETTE: Thank you, Kim. Good morning, Sister. 1 CHAIR ROCHE: Good morning. MS. BRUNETTE: Take the roll call attendance. Commissioner 3 4 Ansari? Commissioner Aul? COMMISSIONER AUL: 5 Here. 6 MS. BRUNETTE: Commissioner Baynes? 7 COMMISSIONER BAYNES: Here. 8 MS. BRUNETTE: Commissioner Blue? 9 COMMISSIONER BLUE: Here. 10 MS. BRUNETTE: Commissioner Downey? COMMISSIONER DOWNEY: 11 Here. MS. BRUNETTE: 12 Commissioner Hicks? Commissioner Hughes? 13 Commissioner Perry? COMMISISONER PERRY: 14 Here. 15 MS. BRUNETTE: Commissioner Persico? Commissioner Tucker? 16 COMMISSIONER TUCKER: Present. MS. BRUNETTE: Chair, Sister Denise? 17 CHAIR ROCHE: 18 Here. MS. BRUNETTE: And Commissioner Wilcox? I'll call again for 19 Commissioner Hicks? Commissioner Persico? Commissioner Hughes? 20 Commissioner Wilcox? All set. OK. 21 CHAIR ROCHE: 22 Thank you very much. And we're going to begin 23 with the financial performance, and I'll ask Christopher Ruminski to 24 lead us. MR. RUMINKSI: Good morning. Thank you, Sister Denise. Good 25 morning, Commissioners. We'll start out with the December 2021 26 27 performance. For the month, we had an overall positive variance across 28 the Authority of \$783,000.00 dollars. This is the result of higher than

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budgeted operating revenues and operating assistance of \$1.7 million dollars. That was caused by Metro passenger fares being favorable to budget by \$595,000.00 dollars. BNIA concessions and commissions revenues \$700,000.00 dollars favorable to budget as enplanements were about fifty-three percent (53%) higher than forecast for the month December. Mortgage tax revenue was \$700,000.00 favorable to budget and sales tax revenue was \$1 million dollars favorable to budget for the month of December. We also had lower than budgeted operating expenses for December which had a favorable variance of \$995,000.00 dollars. This was driven by personnel being \$1 million dollars favorable to budget, due to, mostly due to Metro service modifications and vacancies. [clears throat] Excuse me. Maintenance and repairs had a \$137,000.00 dollar favorable variance due to lower Metro vehicle maintenance, lower Metro facility and rail contract costs. Utilities were \$38,000.00 dollars unfavorable to budget, mostly due to higher BNIA electric and gas billings than were budgeted for the month. And insurance and injuries were \$125,000.00 dollars unfavorable for December due to higher Metro claims loss reserve appropriations. And non-operating and capital items were \$1.9 million unfavorable, excuse me, to budget as we are using the better than anticipated Metro results to fund the self-insurance fund at a faster pace than we originally budgeted. Are there any questions on December performance?

We can move on to the year-to-date performance. Through December, we are favorable to budget by \$17.8 million dollars as operating revenues are favorable to budget for the year primarily due to higher concession and commission revenue at the BNIA as enplanement numbers recovered sooner than we had anticipated. Additionally, operating assistance is favorable to budget due to

higher-than-expected mortgage and sales tax revenue and New York State Transit Operating Assistance and lower than budgeted Metro operating expenses. And then the business center analysis year-to-date and this breaks down the overall performance by business center for the year. And our overall favorable budget variance is driven mostly by BNIA and Metro. BNIA is \$7.1 million dollars favorable to budget for the year. Again, this is due to higher than anticipated enplanements. They're sixty-four percent (64%) ahead of expected enplanements for the year through December and that led to concessions and commission revenue to be favorable to budget by approximately sixty percent (60%). And Metro is \$10 million dollars favorable to budget for the year due to favorable variances in fares, STOA and mortgage and sales tax revenue as well as operating expenses being about nine percent (9%) below budget. Are there any questions regarding the December year-to-date performance?

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Moving on to our quarterly reports, the quarterly capital report. This report summarizes the total budgeted and actual capital expenditures through the first three (3) quarters of the fiscal year 2022. This is both the NFTA funded portions, equity funded portions, and grant funded for these projects. As of December 31, 2021, we were at about \$20 million dollars favorable to budget. This variance is the result of projects, that when we originally set up this budget well over a year ago, we thought we were going to be, we anticipated they would begin and/or finish in the current fiscal year but due to various things, they are probably going to move on into the next fiscal year. And this is mostly in the Metro bus and rail section. We had a favorable budget variance as expenditures on various projects including the Metro facility building rehab project, public information and

scheduling display and Erie Canal Harbor Station rehab. These projects were thought to be, we were going to do them this year, but based on timing, they're going to be pushed off and they are included in out 2023 budgets, so that is causing a favorable variance in the current fiscal year. And BNIA has an unfavorable budget variance for the year mostly due to projects, including multi-task snow removal equipment that was budgeted for last fiscal year that didn't actually get delivered until the current fiscal year. So, these are just timings of when these projects occurred, it's not an overall budget issue where the project itself was over or under budget, it's just which year it's slotted into based on the original plan.

This next chart is actually the progress of the

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This next chart is actually the progress of the project from start to finish and how well it performed based on the original budget of the project. This analysis is of projects that closed out in the 2020, 2021 and 2022 fiscal years. During the third (3rd) quarter, there was one (1) project that met the criteria of closing out and being greater than \$500,000.00 and that was twenty—three (23) CNG buses. These were actually delivered in a prior fiscal year, but all the paperwork and the finalization of the project wasn't done until the third (3rd) quarter of this year. And as shown, the budget, the budget, and final closeout of the project actual expenditures were basically on budget, I think there is a \$2,000.00 dollar variance, so it finished on budget. Are there any questions regarding the quarterly capital report?

Then we can move on to my final two (2) reports.

Start with the cash management report. Total cash at the end of

December was \$216 million dollars which is \$49 million dollars ahead of budget. Actual is ahead of budget due to Federal COVID relief funds

that we have received but have not yet recognized into revenue, higher BNIA concessions and commissions revenue, higher STOA revenue than budgeted and mortgage and sales tax revenue being higher than budgeted, along with operating expenses being lower Authority-wide.

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MS. D'ALOISE:

And finally, the quarterly investment analysis. CDs make up approximately twenty-five percent (25%) of our investments. These are short-term, three to six (3-6) month CDs, with paltry interest rates currently of .13 and .14 percent. The diversification percentages of the institutions which hold these funds are approximately the same that they've been for the past several quarters. Are there any questions on cash management or on the investment analysis? Thank you.

CHAIR ROCHE: Great report, Chris. Thank you. And Risk

Management. Christine?

Commissioners. I will begin with the self-insurance liability and

funding analysis report. This report measures the relationship between the claims and the funding balance. Overall, it distinguishes between Metro and NFTA as well as general liability claims and workers' compensation claims. Within the detail of this report, well, if you take a look at the bottom of the top box, you'll see that we went up approximately \$1.8 million since the beginning of the fiscal year. And looking into that, what we see is that within the detail of the report, we see that it is a shift from work comp case reserve to our incurred but not reported reserve. Overall over the last few years, this has tended to be a favorable trend because at the end of the year when we

have our actuarial report, what we find is that then there's a decrease

in our overall liabilities when they shore everything up. So last year,

Good morning, Sister. Good morning,

we had a \$4.4 million dollar favorable adjustment. I don't think we'll have that type of adjustment this year, but we did have a 12/31 update, and the actuary thinks our estimate of ultimate retained losses for accidents have decreased since the beginning of this financial, since the beginning of this year, so we think that again we will have a positive variance and the end of the year. So, that is good. Moving down to the funded, funding perspective of the report. At the bottom, you will see we are eighty-point-nine percent (80.9%) funded for all of our claims and IBNR. Of our known case reserves, we're actually 100% funded, but when you include the incurred but not reported, which again is additional case reserve to bring our actuarial estimate to ultimate, we don't have that fully funded, but we are in a strong funded position. If there are no questions, I can move on to our workers' compensation report?

CHAIR ROCHE:

Any questions?

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this position for years and really this is happening for two (2) reasons. Christine will next talk about how the number of claims are coming down, but we have incredible focus on safety. So, all operations are firing on all cylinders, really trying to keep accidents down and that affects the bottom line. That gives us more money that we can put towards funding. But the other thing that really helped was the Federal Assistance. That was really a game changer because previously we were really paying as you go and that's not prudent for an organization. So, this is an excellent report and I'm so glad we are finally in this position.

27 | COMMISSIONER AUL:

Kim, it's Joan. Just a general comment, too.

You can see the trend certainly heading in the right direction. I would

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have to think, you know, that we're kind of at the top part of our class here, you know, do you how we compare? I mean, it's not really a question that needs to be answered, but I think we have to be fairly close to best in class on this, I mean this is, these are excellent numbers and results and dedication to really, the risk management of the organization.

MS. MINKEL:

Yeah. No. Thank you for that comment, Joan.

It's difficult because we don't really have a peer organization. There are other transit agencies across the state, but they don't have police, they don't have fire, they don't have airports.

COMMISSIONER AUL:

Yeah.

12 MS. MINKEL:

where

So we do do something in our safety report

where we create a virtual peer, based on the NAICS numbers so that we can roll in police, fire, airport and Metro operations. And when we do the analysis that way, you're right, we do stack up among the best. So that's something that's really important not only to our agency but to the public and I'm so proud that the team has done an excellent job in this area.

COMMISSIONER AUL: Yup. Thank you. Thank you to the team. These are wonderful numbers.

MS. D'ALOISE:

OK. When we take a look at the second report which is the total number of workers' compensation claims versus the average incurred per claim cost, we take a look at this, it's over a long span of time, it's over thirty (30) years but it really gives you a focus on where we were when we started, the high level of claims we were having, over 400 claims per year in the initial decade of self-insurance that came down. And in the last decade, we've really pushed those numbers down even greater. But what you see going the other way

is the cost of claims, claims coming on the books versus the claims going off. There's such a difference there. So, that's why it's so important that we continue the focus to keep claims down. If we were staying at those high numbers where we were at the top of the green line, we'd have had tens of million more dollars in reserve costs in this last decade. So, it's extremely important that we're focusing on that. I think this report is a nice way to keep us all focused on that. If there are any questions, I just have one (1) additional update?

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I wanted to give an update on our communicable disease claims that we had related to the Coronavirus pandemic. Just to recap, in April 2020, we determined that we did have communicable disease coverage on our property insurance policy. We had a limit of \$1 million dollars for that exposure. We had it on our property policy that ended in 2020 and our policy that ended in 2021. In that respect, we were fortunate because the pandemic really got up and going in March of '20, and we were in the binding process for 4/1 of '21, so our policy condition didn't change. Had we been off a couple of months, our coverage would have been greatly reduced or non-existent. But the carriers couldn't react quick enough for our date, so we had that coverage and we... And I should step back and say communicable disease, what that coverage is on our property policy, is coverage to clean up, remove and dispose of any communicable disease from our location as well as any business interruption and extra expense if the location had that exposure. So, again, we were very fortunate that we had coverage and we worked with National Fire Adjusters (NFA), we, the Board approved the use of them in April of 2000, I'm sorry, in April of 2020. And when they actually took a look at our policies, I want to mention that they indicated that only of reviewing hundreds and hundreds of

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policies, only five percent (5%) of the policies had this extension of coverage. So, we were very fortunate. We worked with NFA and we presented two (2) \$1 million dollar communicable disease claims to our property carrier, FM Global, and we're happy to report at this point in time, that we have received both million dollar settlements. We received the first million dollars on 10/29 of '21 and that was for a claim made for Metro specifically. And for the 2021 year, we made a claim for the Buffalo Airport, and we received those monies in on 12/1 of 2021. So, we got all we could out of both of our policies related to the coronavirus.

COMMISSIONER BLUE: Question? What exactly, we made a claim, what exactly did the claim entail?

MS. D'ALOISE: It was for any cleaning expenses, extra expenses. Our claim totals were much more than the million dollars so we really put everything we could possibly put into the claim into it, and the carrier just wrote us a check. So...

MS. MINKEL:

So, I want to recognize Christine because, for a couple of reasons. She had the foresight, based on what was happening in Toronto with the SARS virus, if everyone recalls going back a decade or more, to make certain that we had coverage for communicable diseases in our insurance policy. She mentioned less than five percent (5%) of people who have coverage had that specific language. That was intentional, so I just want to recognize Christine for that. I also want to recognize her creative nature, and indicating that there were two (2) years that this fell under. That was really her idea and that was the difference between \$1 million and \$2 million. So, it's great to see, we're always paying out to the insurance companies so it's always nice to see when we can get a recovery back. So, thank you Christine...

MS. D'ALOISE: Thank you.

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MS. MINKEL:for that good work.

3 MS. D'ALOISE: Thank you.

CHAIR ROCHE: Thank you so much for your report, Christine.

And Government Affairs, we call upon Darren.

MR. KEMPNER: Good morning. I have two (2) slides for you today on page fifteen (15) and sixteen (16) in your packet. Governor Kathy Hochul introduced her Executive Budget last Tuesday, January 18th. This first slide reviews the transit appropriations proposed in the Executive Budget. And as you can see, State Transit Operating Assistance (STOA) certainly, a critical piece to our operations was proposed to increase thirteen percent (13%) to \$66.9 million dollars in the current year. So, we're very thankful for that proposal, that proposed increase and now, obviously, the next steps, this goes to the Legislature for negotiation and finalization by March $31^{\rm st}$. The other items listed here are key capital programs for Metro. The Accelerated Transit Capital, the Statewide Transit Modernization and Enhancement Program, both those fund state of good repair for bus and rail operations. The Modernization and Enhancement Program is divvied up amongst non-MTA Transit programs so we expect to receive a portion of that approximately \$6.9 million. The last two (2) here for bus electrification and specifically for Metro rail capital, the Metro rail capital piece is the fourth year of a five-year program as agreed to previously. And then the electrification capital, we have yet to see that appropriated or allocated throughout the state, but we look forward to that third round of \$100 million dollar, five (5) year program being allocated. As I noted at the bottom, the Executive Budget proposed a thirteen percent (13%) increase for NFTA and other upstate

transit authorities. It also proposed a thirty-six percent (36%)
increase in State Transit Operating Assistance for downstate non-MTA
systems which have funded out of a separate dedicated source of revenue
in the State Budget, hence the resulting proposal disparity there. Next
slide... The Executive Budget...

COMMISSIONER AUL: Hey Darren? It's Joan.

MR. KEMPNER: Yes?

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COMMISSIONER AUL: I'm sorry. It's Joan. So, could you give me an example of a non-MTA transit system? I just want to make sure I understand what that is.

MR. KEMPNER:

Sure. Non-MTA, across the State, everybody but

Metro North and bus and rail operations in the city, we often break

those down into upstate and downstate. Upstate would be NFTA here in

Buffalo, Rochester, Syracuse and Albany and then downstate would be

within the metropolitan commuter district, which is really Long Island

and Westchester South I believe, it would be those systems.

COMMISSIONER AUL: OK. Thank you.

MR. KEMPNER: OK. On the Aviation front, the Executive Budget proposed \$150 million dollars for the Upstate Airport Economic Development and Revitalization Competition. This is a great opportunity that we applied to for Buffalo and Niagara Falls this past year. The total at that time was listed as \$250 million. This is the appropriation that would bring the program to a fully funded \$250 million dollar program. We expect awards some time in this calendar year.

And then the last item I would note - the Governor also proposed a five-year NYS DOT capital plan which is to replace a five-year capital plan a few years back. This is a plan that funds

road, bridge, transit and other transportation projects across the

State and very critical to projects, transportation projects across the

State. We will continue to advocate with the Legislature for funding

from that program specific to NFTA projects, in particular Metro

Transit Expansion is a project that could benefit from that five-year

plan. We will also continue our advocacy on funding for DL&W

Development. The total ask for those two (2) projects is \$210 million,

\$30 million for DL&W Development and \$180 million for Metro Transit

Expansion. And I look forward to sharing our advocacy materials with

you at our next meeting. That concludes my report.

CHAIR ROCHE: That's good. Thank you very much Darren.

12 MR. KEMPNER: OK.

13 CHAIR ROCHE: And Human Resources. Karen Novo.

14 MS. NOVO: Thank you, Sister. Good morning, Commissioners.

CHAIR ROCHE: Do we have all our drivers?

MS. NOVO: I'm sorry. What was that?

17 CHAIR ROCHE: Do we have all our drivers?

MS. NOVO: [Laughter] Well, that's what I am about to show

you.

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MULTIPLE COMMISSIONERS: Laughter.

MS. NOVO:

So, the HR Report. Just a couple of slides as well, page eighteen (18) and nineteen (19). Just keeping the Board up to see our challenges are continuing. And they continue to continue and it's definitely keeping us up at night. So, this is where we are today, as of today, and we do have the sixty-one (61) operators, just one (1) little piece of hope here is we did have thirteen (13) that did start on January 10th. So, they're still in the class and you know, being qualified to drive, so they're actually not on the road yet

but they're in training right now.

CHAIR ROCHE:

Right.

MS. NOVO:

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As of today, they are all still with us, all

thirteen (13) of them. So, this is a snapshot of where we are today. So, on the second page, it just continues to show different things that we are trying to do. This is just a quick snapshot of different things that the recruiting team is working on. I do like to acknowledge, you know, Tom's Team, Rachel Maloney and John Dembik and all of them on the mechanical side, Helen's Team and even my Team, Holly Carpenter who is our Manager of Recruitment, Nick Kurtz, Amy Hughes and Sue Reinke, everyone's putting every effort into this. I mean, I could go on with names, but I just wanted to recognize a few of them right now. We just had an Open House last Saturday. So, speaking of the cold, all right, so we were a little worried, you know, we got everything out, we got advertisement out with the help of Helen's Team, and again, like I said Tom's Team and my Team, and we had twenty-eight (28) that actually came through. So, being a Saturday morning, cold out, we were very happy with the turn-out and we actually have right now four (4) that are going through the process of hiring for mechanics. So, and we are checking, we are in the process now of checking licenses and all the things we have to do for pre-employment. So, overall, we're all very happy with the turn-out of the Open House. You know, if we get five to seven (5-7) out of that, that's definitely worth it, you know, going forward. So, things, you know, look bright that way so I think we're doing everything we can and we're all in the same boat. Everywhere you go, again, "help wanted". All the Transit Authorities are in the same, same boat too as well. We're actually now, we've been in high schools as well. We went to Burgard and John Dembik and Holly Carpenter, they

actually presented to Seniors. They actually gave them the auditorium. They talked about mechanical, mechanical jobs, the operating jobs, so we're getting out there, and then we're actually going to bring them, I think they're working on getting, coming here to look and see, you know, our facilities as well and do a little bit of a tour with that. We're getting the training bus out there. We're getting with John's Team. We're just getting our name everywhere so we're making phone calls, we're calling people, you know, from last year that maybe applied, and maybe haven't touched base with us. So, every effort's out there. As I say, "we're all recruiters". [Laughter]

CHAIR ROCHE: Laughter.

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MS. NOVO:

So, we're doing the best we can to bring these numbers down. But I just appreciate all the help that everyone has given us. And I know we've had referrals and Commissioners have called and I really appreciate everything that we can get so it's helpful. And to the Operators out there and Mechanics and all the Staff on the Aviation side, they're doing a tremendous job, I mean we've got these vacancies, we got the COVID that we're working against, I mean everything, it's just been tough [laughter]. But I think it's kudos to everybody out there for getting everything done and getting service on the road so... That will conclude my report. Just wanted to give an update to where we stand today. Any questions? Yes?

COMMISSIONER PERRY: So, especially in regards to mechanics but other positions, we're in the same boat as a lot of places that need mechanics.

MS. NOVO: Absolutely, yes. Yep.

COMMISSIONER PERRY: Is there something that we are doing different or better than all of those other people who are competing for the

same...

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MS. NOVO: Well...

COMMISSIONER PERRY: ...labor pool?

MS. NOVO:

Yeah, so I think, we always look at coming to
the NFTA as a career. So, we always, you know, recruit that way as a
career, the benefits that they have here, the longevity that we've had
of employees working here. We even bring retirements back to talk about
their success here, how some employees started here as operators and
moved up. Being out there every day, getting the word, making phone
calls, we're looking at everything. We're evaluating the testing right
now, we're just, I feel we're doing everything we can. What others are
doing, I really can't speak to what they're doing. But I think we're
good.

MS. MINKEL: One other thing we're doing, we're working with the Governor's office. The Governor had recently announced that there will be public hearings regarding testing sites, and we petitioned to be included as one (1) of the testing sites that can streamline the process much quicker and easier. Because we are, there's in a war on talent everywhere, from operators to engineers to you name it, it's hard to find people and so in the hiring process, if we can streamline it as much as possible, make it easier, you know, our hopes are that we can grab people as quickly as possible.

We're also doing a salary study to make certain that our wages are competitive, not only wages but, you know, how we operate in terms of benefits and paid time off. So, we're open to any other ideas that any Board Member might have, but that's how we're trying to compete. And I think Tom wants to add something...

MR. GEORGE: And thank you for your question, I think one of

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the things that's intriguing about working for the NFTA is we're out with, Karen mentioned our community bus, we have a very modern fleet in technology. So, we're out to the schools showing them our electric bus program, our CNG bus program, and trying to compete on that level because we really have some very interesting unique technologies and some very challenging environments for young people to come into. Many of our competitors don't have that. If we're competing against a Cummins or a traditional diesel manufacturer, or a diesel product, we really have some great opportunities here with our new technologies.

COMMISSIONER BLUE: So, these are the numbers that we need to

bring up? or these are the numbers that we currently have?

MS. NOVO: So, these are the vacancies, it's a snapshot,

because it does change, you know, it's a moving target. This is currently a snapshot of where we are.

COMMISSIONER AUL: Hey Karen? It's Joan.

MS. NOVO: Yes.

COMMISSIONER AUL: Just a quick question. I think is February usually the month where we see the retirements? And if so, do we expect that we'll see these numbers jump when we look at them next month at this time?

MS. NOVO:

So, yeah, so right now, just looking at it,
just to give you a number for ATU, for operators and mechanics, we have
a total of ten (10) that are retiring for February. So, normally our
numbers over the past few years have been much higher, so we're seeing
a little, we're seeing a curb but it's such a moving number that we may
hit a little bit of a lull but then it's going to go back up so... I was
going to work on something to show, like a graph, especially for our HR
Committee coming up, to give more detail as to where we've been, and

where we are now and where we're forecasting out. Because it's... 1 COMMISSIONER AUL: OK. MR. GEORGE: 3 Just one... 4 MS. NOVO: Yup. MR. GEORGE: 5 One comment I'd like to add on to that. If you 6 go to our Annual Performance Report, and you can't necessarily do this 7 but five (5) years ago, if you show the segregation of our workforce by 8 seniority... 9 MS. NOVO: Yup. 10 MR. GEORGE: ...we had a much more senior workforce five (5) years ago than we do now relative to years of experience. So, you know, 11 we've got a much less tenured experienced workforce today which alludes 12 13 to the fact that you may not see the rate of retirements that we have 14 seen over the last five (5) years. It should start to flatten a little 15 bit with that tenure. MS. NOVO: Right. Right. That's OK. 16 COMMISSIONER AUL: 17 Yeah. Yeah. Thank you. That's a good point. It 18 had to plateau, you would think, at some point. So, that makes logical sense. Thanks Tom. Thanks Karen. 19 20 CHAIR ROCHE: Any other questions? Well, good work. It's a 21 day-by-day routine now. [Laughter] MS. NOVO: 22 [Laughter] Yup. Thank you. 23 CHAIR ROCHE: And Capital Report now. John Schaefer. 24 MR. SCHAEFER: Good morning, Commissioners. MULTIPLE COMMISSIONERS: 25 Good morning. MR. SCHAEFER: Good morning, Sister. So, typically just have a 26 written report. We've decided to put some photos together to highlight 27 28 some of the projects. So, if you go to the list, Lara? Some of the ones

we'll highlight: BNIA Deice Aircraft Deicing Expansion Project, this one's also known as the Subsurface Engineered Wetlands Expansion or Phase II, BNIA Baggage Claim Expansion Project, also known as the Terminal Enhancement Project, DL&W Station Site Work, and the Humboldt Station Emergency Repair are the ones that we have photos to show. Go ahead. So, what you are looking at is an arial view of the Buffalo Airport. The red circles show the areas, the work sites that we had for our Deicing Project. Just as a reminder or maybe it's new information for some, deicing fluids that's used to deice the aircraft contains glycol that ends up in our storm water and we, in about 2008, we installed a subsurface wetlands project to treat that storm water before it exited to public waters. That area is over by, between, if you're looking from online, between areas one (1) and two (2), between there are called subsurface wetlands. There's a few of them there, about the size of a football field, that treat the storm water and eliminate or mitigate any amount of glycol. So, fast forward to this project, this project expands and has addressed peak deicing times. Obviously, like a day like today would be peak deicing time. If you could flip to the next one? I'll show you how we've done that.

MS. SENIW: Sorry.

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MR. SCHAEFER:

Oop. Back one more. Thank you. So, a big

component of this project, what you're looking at is a lagoon. It's

five (5) million gallons. It's a, it does have a cover which the next

picture will show in just a minute. So, the first thing you hear, of a

lagoon, you're thinking exposed water, waterfall, and all of the

wildlife which is a detriment to the airfield. It is a covered lagoon

almost like a balloon if you will, and I will show you a picture on the

next one in a minute of how that works but this gives you an

appreciation. Again, just a little bigger than a football field is the size of it. It is on the airfield just north of our old ARFF, to give you perspective. It was item one (1) I believe on the previous screen. Can you flip to the next one? The next photo is a... You can forward it.

MS. SENIW: Sorry.

2.4

MR. SCHAEFER:

The next photo is another one of the lagoon, a little more close up and it has water in it. What you're looking at are panels that float. They are made of Styrofoam and it's HDPE. What that stands for is high density polyethylene. So that's Styrofoam inside these. You can see little break lines of these panels that allows it to float sort of like a bladder if you will although there is no pressure pushing back down on it. It just allows it to expand or contract as the water fills. Again reinforcing the fact no exposed large amounts of water to not attract water fowl which of course does not fare well for jets. Go on to the next one.

What you're looking at here, this is a pump and valve pit. It's located in the southwest corner of the airfield. Thought I would just include it just so you would get an appreciation of some of the large bore pipe. The larger ones on the left-hand side are fourteen (14) inch diameter. Just further left of that you can get a glimpse of some of the pumps. This one (1) in the foreground is an eighteen (18), an eight (8) inch pipe. Sorry, the larger ones are the four (4) [fourteen], these are the eight (8) inch. You can go on to the next one. So, this is an additive storage tank. It's used for in the wetland cells. The additive, for those that are interested, is nitrogen phosphorous. What does that all mean? Inside the cells, you are trying to create an environment that these varied microbials consume the glycol. So, things like oxygen, things like these nutrients try to set

up this atmosphere that enables that to occur. So, this is just one (1) of the ones we installed here as part of the project.

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What remains on the project, commissioning and training is in progress followed by close-out. So, it's being used now. It's been being used for a few months. The automation came online here in the past few weeks. Now it's getting closer to close-out and things like as-builts and manuals are being transferred over, finishing up commissioning. We can go on to the next project.

So, this one was really tolerated for a number of years, and we're getting close to the end. So, it's the baggage claim expansion project, also known as Terminal Enhancement. Selected this photo, to give you kind of a, you can cover a couple of things with this photo: the timeline of how things came online, and it really was the start of the project, and a lot of things came onboard as part of this project. So, if you recall the old airport or the old terminal, baggage claim of the airport had three (3) carousels at much less capacity. We now have four (4). The first carousel, carousel one (1) was brought on in November of 2020, four (4) months ahead of schedule. The second carousel, number two (2), brought on in April of 2021, one (1) month ahead of schedule. And carousels three (3) and four (4) came on, this just before the Thanksgiving holiday. That also was four (4) months ahead of schedule. I do want to give our Team a lot of credit on all of the project, particularly three (3) and four (4), we made it a point, there was a need by Operations to, to get the other two (2) online. They were experiencing issues with one (1) and two (2) because three (3) and four (4) weren't online and we started ramping up flights in and out of Buffalo so that'd be Pike, AECOM, and Jacobs as well as the NFTA Staff. Really did a nice job of focusing staff on getting

three (3) and four (4) up in time for one of our holiday rushes. If we can skip to the next one (1), please?

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This one (1) here, this photo is between carousels two (2) and three (3) is a water, call it our feature wall and it resembles a waterfall, an abstract if you will, a waterfall with wood slats and LED lighting. The wood by the way, both in that feature wall and in the ceiling is real wood, and it's cherry wood for those interested. So, it was selected not only for its looks but cherry wood is a common, common tree in this area, indigenous to Western New York. Can you go on to the next one?

So, a handrail. Why include a handrail? So, what's so big about a handrail? There's some neat features of the handrail that's worth pointing out, a little hometown flavor. The buffalo, it's a frosted in glass buffalo, course our logo, and you'll see some cutouts in the next photo of a buffalo, a buffalo here on the corner piece. So, this is stainless steel half inch thick with a cutout of the buffalo, technically a bison as we all know in this area. So, it's a little detail we wanted to point out. Handrail, people think what's the big deal, why bother? But there was extra care to put in the hometown flavor and we felt it was necessary to show that and we're just finishing that up now. Go to the next one (1).

So solar panels, yes, these solar panels are out on the West, this is the new expansion on the West side. This is the roof, and on the roof, we have solar panels. This is still in progress. One (1) of the side effects if you will of focusing resources on the carousels, for example, some things have a tendency to give. That would have been sorting out the solar panels. To the naked eye, it looks like it's ready to go. There needs to be some panels reallocated or

relocated to set up some maintenance accessibility. We have all that straightened out, but of course the weather is here, and we do not want to send folks up on the roof at this time, so that will carry over to the spring. So, in comparison to the whole project, it's very small but it is a reasonable effort to set up some of these panels that will be relocated further down to give some better access to, for maintaining the solar panels. Just to get a feel, you know, sometimes there is not an appreciation for solar panels. So, it looks like quite a few solar panels. It's nice for making use of the roof space. Nominally speaking it is 45 kilowatts of power, OK? So, what does that mean to get an appreciation for that? That runs two (2) twenty-five (25) horsepower motors, about 60 amps. So, you're not going to run the airport on these, but it does, as you hear the expression "slows the meter". We're not back feeding into the grid, make sure that is understood, but it quote "slows the meter". So, what do those two (2) twenty-five (25) horse powers give you? One (1) of our rooftop units and one (1) supply fan, that's about twenty-five (25) horsepower and maybe one (1) of the refrigerator compressors used for cooling the building. We have several of these throughout the roof so it's a piece, but it is a piece that we're collecting our own energy here, just making use of the roof space. So, what's left on the project, the solar panels, if you can just back up one (1) more...

MS. SENIW: Sorry.

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MR. SCHAEFER: Solar panels, as-builts, you may have heard me mention in previous Board Meetings about as-builts. That's a, if you have a design package, sometimes things are learned as you're going through the building that weren't discovered during design and you make adjustments to the drawings. You know, it's 750 drawings plus or minus

that are about twenty-five percent (25%) complete of going through the as-builts and verifying and then updating our computer model. So, that will take us through to about the end of March. We're in the progress [process] of getting all of our manuals and some minor punch list items. Punch list is if you check out an item, we may have started and may have started using things like elevators, escalators. Punch list items takes a closer look at items that may have not, whether it's a workmanship issue or something that wasn't quite completed during the bulk of the design, we're making sure it doesn't get missed before we send them on their way. Next one.

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This is a rendering. Many of you may remember this. I was just trying to give a view of what DL&W looks like. This is DL&W Station and we're just in to, just to the closing part of the track work phase, or what we call the site work phase. And this is of course, you'd be, if you had the lake to your back and the river's to your right and the arena is to your left and of course DL&W is in the foreground. Can you click to the next one?

So now we're looking the other way. You can see the, for reference, you can see the naval yard in the background. On the left part of this photo, it's worth mentioning because you may have heard us talk about the city's project, maybe even seen it happen physically, there's a crossover, that this will be for revenue service, will be on your left. And track, non-revenue maintenance operations will happen on the right. So, there's a crossover that was talked a lot about as part of the city's project that has recently been removed. That was located on Main Street of course near Tim Hortons, near the Marriott. Quite a bit of coordination took place to allow that to be removed because our operations had to make accommodations and it took a

lot of synching in of what's happening in the yard and what tracks are here and not here, as you can see, some are gone or were just being installed. So, again this is the crossover that you may have heard the city talk of intermittently of what they needed to have removed and quote unquote "we're waiting on the NFTA to have completed". Well, it's physically in place trackwork-wise. If you could click to the next one?

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This is a more current version of it, of course it's snow-ridden but some things that remain on the crossover are the catenary which is of course the power lines and the tension lines that hold up the power lines above and some train control. So that is the crossover that we'll, for what we call revenue service. It will queue the trains' comings and goings as it comes into behind us, if you will, in this photo, will be the station itself. Can you go on to the next one?

So, this was included just to show a little bit about, this was back in the summer, what this person is doing is compacting the sub-base. It gives you a little insight of what's happening and why it's taking a bit of time to do trackwork. It's more than just laying track, you've got to start four (4) or five (5) foot deep, maybe even six (6) foot, put your stone, which is your sub-base, and compact it. In this particular area is where we're transitioning from. The foreground which you can just see the pre-cast panels which is embedded rail. OK? And then in this area, you have a concrete pad is where that should transition, the transition tracks place, transition to a stone ballast. So, it goes stone ballast from here on into the DL&W. Change Order, there was a Change Order that the Board approved, Change Order Seven (7), where you may recall we had added a crosswalk, a pedestrian crosswalk and track infill, so what was initially was

going to be stone-based, the Charge Order will not have the stone base filled with asphalt and then have a concrete pedestrian walk in this area. So, all the exposed surfaces, it will take away all of the exposed surfaces, it will have some kind of walkable surface with encouragement to go to the crosswalk to cross the tracks to get to the river or vice versa. Can you go on to the next one?

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So, this is inside what was formerly called the train shed, is now our station. Let's start with something that may not be so obvious. The foreground that runs the whole length of the picture, if you will, or if you are looking into the picture, you'll see these kind of green nubs sticking out, that's coated rebar. That was part of this project. That's the base of what's going to be the platform. It's going to be a center platform and to the right is where track will be laid. The cutout, pretty significant work that took place, there's actually three (3) cutouts. That concrete is two (2) foot thick predominately, but I will add, if you take a closer look at the existing columns, these are the ones, the concrete ones that taper out, it actually adds another foot of concrete so it's three (3) foot of concrete in every one of the columns. That was cutout so we can provide access to the second floor. In doing so, it weakens the floor, so that's why you'll see these galvanized steel, rectangular tube steel to make up for the loss of strength by making the cutout. The red lines are fire protection lines. Go on to the next one. Oh, incidentally, if you can just back up one second, you may have looked, somebody noticed "what's all that dark stuff on there?". That's soot from yester year. That's nothing new from part of the project, and you'll see that on the second floor too. You may have known how this was used for locomotives on the first and second floor which explains why it's two (2) foot thick

concrete and even three (3) at the columns. Just to give you an understanding of what everyone's looking at here. That is not new soot from us. [Laughter]

MULTIPLE COMMISSIONERS: Laughter.

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MS. MINKEL: It's a beautiful patina.

MULTIPLE COMMISSIONERS: Laughter.

MR. SCHAEFER: So, now we're on the second floor. This is a great perspective for a few things. So, you hear a lot about the second floor and a lot of initiative to try and make use of that second floor in this station and the hopes to drive that. So, what you're looking at are three (3) cutouts. The foreground has one (1), and then there's one (1) in the middle and the one (1) in the background. They are, in no particular order, for the stairs, an escalator and the elevator. The elevator, if it wasn't obvious to you, would be the steel structure. That's where we're going to come in in the second phase to have the elevator come up. So, there were three (3) of these and again as you look through the hole cutout, you can get an appreciation of how thick it was and some of the extra structural steel that had to be added to make sure the floor didn't cave in. The escalator, back it up one (1) more time for me, just to give, round out the pictures, so all of this work has been part of the first phase, we'll call it. I like to refer to it as the trackwork phase, because it gives a little more practical, people understanding it. It's actually called the sitework phase. The next phase, the Board approved back in the fall, back in October to Cerrone, that will do technically called the MEP (mechanical, electrical, plumbing), what I like to refer to as the station proper, or the station work. That's where it's going to start looking more like a station. Things like the platform I described, escalators, stairs,

elevators, it starts to resemble an actual station. So, the anticipated start date of that is in March, with a completion of that phase, the station proper, in 2023. The sitework should be done by the spring. That's all I have on this one (1). Keep going.

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So, I thought I would take the opportunity, and I know it wasn't a program project, but thanks to a lot of cooperation from Board Members, we were able to get an emergency procurement for Humboldt Station Tile Repair. This, you may recall, was for tile that was found falling from quite aways up periodically and landing on the floor. So, it creates a hazard. That was about \$265,000.00 dollars, not to exceed, that the Board approved back in September. So, here's what you bought. A lot of it is things just to set up a safe work environment and what you're looking at is a web, if you will, of scaffolding. So that allows us to get to the various areas. As you know, it's a multilevel station. So, it allows us to get to various levels of the station. The photos are kind of incurrent to prequels if you will. What you're looking at now on the left are walls that have had the tiles removed. New tiles expected either today or tomorrow with install starting soon after. If you'd like to click to the next one? So, what it looked like before then, you can see the old tile, and why I chose this photo and the next photo, some of the things that weren't so obvious when you approved the emergency expenditure, is first the vastness, so to give you the appreciation of some of these things. This scaffolding goes over an escalator, so it's not so simple as just dropping scaffolding, you have to get a licensed professional engineer in to layout how the scaffolding is, how to lay it out on the stairs and to shore it up and there's a piece of artwork in the background that was vintage to the original installation of the station. And you

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MS. MINKEL:

can click to the next one. So, this was removed and it's still located on the premises, and we have a [an] art conservator cleaning it and tidying it up, if you will, so we can reestablish it or reattach it so, interesting piece. You know maybe it wasn't so obvious. Again, the tile was a big part. You can see from this photo, if you look a little bit, you can see some of the spots that are missing tile. That will give you an example. There's one (1) in here, there's a few in here, that's what prompted this whole project and the concern. So, again, I thought we'd include it just to say what you bought and what's involved with it. It's very labor-intensive. At the end, there'll be new tile and back to business and that's expected here by April. And that concludes my presentation unless there are any questions on any of those projects or any others for that matter?

CHAIR ROCHE: Any questions? That's a lot of work.

You know, what I will say, and you know, kudos to John and his Team, he just went over about \$160 million dollars' worth of projects. He has a small team. We've had a number of retirements - Engineers from the Engineering Department. With the war on talent, we're struggling to get Engineers, but you can see the extent of what they manage and still a lot of work to be done. On top of this, he did not talk about projects that are in the pipe, that

MR. SCHAEFER: Yup.

major work on the 5-23 runway...

MS. MINKEL: ...at the airport so some significant capital projects but John and his Team really have done an outstanding job of staying on top, managing the contractors, keeping costs under control and the projects really on schedule and in some cases, ahead of schedule. So, thank you John.

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MR. SCHAEFER:

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a secret, inflation is here for a while and it's now just starting to, I'm going to say we're fortunate on bids we got for DL&W's because in my opinion, this is solely on my opinion, on this second phase of DL&W the numbers came in, right in. I'm kind of giving a warm-up to what 5-23 came in. We just got the bids and it's looking more like almost ten percent (10%), just under ten percent (10%) higher than what we, that our estimate came for [to]. So, we're having to make decisions on what to do. Right? Re-bid? Not re-bid? Is it worth re-bidding? So, a lot of that came from, in that particular case, it's a lot of asphalt at 5-23 so oil prices drive that significantly so, that's just, I use that as an example. The Team's done a really nice job just trying to keep up with the latest shortages whether it's people having opinions on what's causing the inflation, or what's causing the shortages. And there's a whole bunch of them and there's probably a little bit of everything. But it seems to stop surprising us, but every given time, it seems to be something new. One time it was doors, another time it happened to be just steel pipe, things that were never assumed long lead items, you have to definitively ask and go look and see where it stands as far as the latest. So, thanks for pointing that out, Kim. That is, that is something that on this project that started to weigh in on some of the change orders that we were able to navigate through. We're starting to see it more on new projects.

Yeah, thanks Kim. You mentioned 5-23. It's not

CHAIR ROCHE: This is a long project too, one you'll have going on for months...

MR. SCHAEFER: Yeah, it has, and, you know, Operations has been real good about this. You know, yeah, pandemic's been awful for a number of things but one (1) little piece that was good is that it

didn't impact a lot of operations mostly so we were able to take advantage of that. Any questions?

3 | CHAIR ROCHE: Good work.

4 | MR. SCHAEFER: Hearing none. Thanks.

MS. MINKEL: Thanks John.

CHAIR ROCHE: OK. Surface Transportation Committee. Tom

George?

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MR. GEORGE: Good morning, Commissioners.

MULTIPLE COMMISSIONERS: Good morning.

MR. GEORGE: On our agenda this morning, we have two (2)

discussion items. What I'd like to do is start with our Transit Development Plan. We annually review and update our Transit Development Plan. This is our strategic initiative to look at our agency and look at the services we provide as well as the facilities we provide and chart our path for the future. We do this and we put this on our website so that the community can see this as well, but also it's important to just note that we get in front of you so that you see what these things are and it's the opportunity or the encouragement to you to weigh in on these and to provide us with input. Are there things on here that you question why we have those? Or are these things that are not on here and you question why we don't have those? So that's really the primary focus of us getting in front of you and then so that we can share a collective vision for the agency with our customers and with our community. So, with that being said, I want to introduce Rob Jones, who is our Manager of Planning, and is essentially the owner of this plan and he's going to walk you through it and do a presentation.

MR. JONES:

Yeah, great. Thanks, Tom, for the introduction and good morning, Commissioners. Tom mentioned it is something we do

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every year in terms of our Transit Development Plan but the last time we were here talking to the Board was in 2019 because the pandemic happened so our priorities changed. So, it is something we update internally. It is intended to be a living document so that when projects are completed, when they're moved, when things change, we kind of move those pieces. So, I think it's a good place to start with the current year. The intent of this, Tom covered already is, you know, to align our priorities, to have it out there with community input and the Board of Commissioners and it really helps to have this discussion amongst all of the Metro members as well. While Service Planning kind of owns the document and helps put it together, we need input from all over the Authority. All of the Managers in Metro, as well, have their input in there. So, it helps people think about their priorities over the next year, the next three (3) years, the next ten (10) years as we go. So, I'll start there, well we've completed a lot of items that we talked about since the last time we were up here in 2019 that we're really proud of. So, if you look at this list, these items all, this was in the document that was sent out as part of the appendix, so we wanted to try and keep them in there, we put the completed date, a lot of those items are things that are parts or phases. John talked about DL&W, so we have two (2) things that happened under there, one (1) of those was DL&W design, one (1) was the construction beginning. So, as John mentioned, there's still construction to be done on phase two (2). So, a lot of the projects are broken up into various phases of those same projects so we can help see where those are kind of on a longer timeline. Other items that we are really excited about that were completed kind of in that two (2), two and a half (2.5) year time frame were a mobile ticketing pilot, the community bus, Karen brought up the

community bus or our training bus, and the Bailey Avenue study which we've talked about in the past as well as our electric bus battery integration program which is now also kicked off.

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So, the first set of projects is the emerging projects and initiatives. These are things that we are trying to do, at least to kick off in 2022, or complete in 2022. So, it's a pretty ambitious list, as you see. Some of these projects have been started already, the one towards the top like the shelter expansion program. I just wanted to go through kind of quickly and highlight some of the new projects that weren't a member of the previous document and give really brief overviews of those and why we might be particularly excited. We can always go to the TEP document to read more detail. So, one (1) of those is our new timetable and map process and printing moving forward. We're working with Helen's Team, and across Planning, also with IT to come up with a new way of kind of really doing that process. We've had the same timetables, I am going to say, for about the last thirty-five (35) years plus and they've always looked the same. We haven't really changed them as we change things, well it's time for a new change. To stay within our branding and do something exciting, we're changing a lot about the system recently. It's really important to have that branding messaging, kind of tie into that, and really do something exciting. So, here's some examples that the Graphics Team kind of came up with. What would it look like in color? What if we used more representative maps? And those types of things. So, that project has kicked off and we hope to have them to the public sometime within the year 2022.

A new Park-and-Ride analysis. So, one (1) thing we've noticed through the last eighteen (18) months to two (2) years that has

happened, is that work is changing. We're all here today but you know, people at M&T maybe aren't in the office every day. A lot of people have flexible schedules. Well, what are the needs of our community? Are our Park-and-Rides located it the right locations? Are our partnerships with other communities still viable in those locations? And how do we serve those, right? So, with the changing nature of work, we need to rethink how we're providing our Park-and-Rides as well.

Our bench expansion program ties kind of into our shelter expansion program but we've never really had a bench program. So, you all know we have shelters in the system. We have a process for those. The bench program, we've been talking with municipalities about for a while. So, there will be hurtles there because every municipality wants us to do things a little bit different. Some of them want us to talk to the neighbor/property owner, others want us to come together with a public rollout plan. So, it takes a lot of legwork and coordination with the municipalities but we're really excited to start expanding our reach into areas where there may not be enough right-of-way. Maybe the street is narrow like on Grant Street where we really can't fit a shelter and meet ADA requirements but a bench will be helpful for individuals and how to partner with the municipalities to be able to provide that for the riding public.

Another one (1) is University Loop operational enhancements. So, this is an area where this property where we control, we can control how many benches we put in these locations very easily. What these amenities are for our passengers, as well as control a little bit of the operational environment in the loop to make it easier on our passengers but also on our operators to be able to provide efficient service to that location.

And lastly, under the kind of emerging initiatives, one that I will highlight is a PAL service evaluation. So, our paratransit service as you know is basically exactly at today where we were at two (2) years ago before the pandemic. It's not like the fixed route system where demand has waned over time, the demand for PAL, it's back where it was and it keeps growing, right? So, the PAL service evaluation will kind of look at all of the end-to-end improvements we've made over the last ten (10) years including the IBR and dynamic scheduling and help teach us about where we can be more efficient, where we can be more strategic with our resources. We've basically been on the same bus count for the last ten (10) years. Seventy-four (74) big buses. Do we need to increase that? Do we need to add more resources there? Are there opportunities to be more efficient on the scheduling side and the service delivery side? So, a comprehensive analysis of that will be very important for the Authority moving forward and ensuring that we can provide that service for our paratransit clients.

So, I have these short-range initiatives that we're looking at two to three (2-3) years out, so 2023, 2024 and how those align. As John mentioned one (1) of the projects, the DL&W Station opening to the public and how that fits within that short-range projects and initiatives. So, just highlighting a couple of these projects, again these are all detailed within our actual plan that was sent around. I was looking at Bailey BRT design completion. So, we were up talking to the Board exactly one (1) year ago about the Bailey project and our coordination with the city and the NPOs in the region and looking at what those kind of first steps are to get to, you know, having enhanced transit along that corridor. And we anticipate putting

out an RFP that moves through planning and part of the engineering phases during this year and being able to start that project and kick that off in terms of a full design phase that will happen within that two to three (2-3) time, two to three (2-3) year timeframe.

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North Division bus street canopy is another one (1) in full design. We've already gone through the DRR process through John's group, Dennis Lupp, the Manager of Design, leading that process, that stemmed from a planning study to move along that path. We're still working on identifying full funding sources for that project, but we anticipate having a full, full design for that and being able to move that into a shovel ready project over that timeframe which is really exciting, because we've been here through this process of planning up to DRR and up through full design.

Something that is, I think, really critical for the overall direction of the Authority. What this study would do is really look at our overall region, not just where our buses currently go, not where the rail currently goes. Where are the corridors that we are prioritizing? Where are the areas of growth in the system? And say "OK, what are the strategies that we can take to, you know, really map out where our investment should be in the future?", whether those are from a rapid transit in terms of a bus sign, whether those are a light rail expansion, or even potentially street cars through those processes and say "where are we going to align in the future?" We did this about twelve (12) years ago. That's how we kind of how we got to the end first corridor. It's been a while since we did a comprehensive analysis. You see a lot more capital projects happening on the Metro side, in terms of DL&W, and Bailey Ave. This is another opportunity to

start saying "well, where do we go from there? Where do we go in the future?"

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So mid-range, you'll see there's a lot more boxes on the bottom. It's a more broad period that we're talking about three (3) to eight (8) years out. So, there's a little bit more uncertainty in terms of what the funding will be like, where our direction is overall. These things change all the time, but they start about three (3) years out from now and I think there is some potentially really exciting projects within there. One (1) of those is rail station joint development construction so Darren and I have worked together the last four (4) or five (5) years heavily on a lot a TOD work along with the NPO and some of our regional partners, and one of the goals of a lot of that work is to get to an area where we have some joint development of some of our projects, specifically around some of our light rail stations that exist and hopefully the ones that will exist in the future as well. So, hopefully that's well-moving within that timeframe.

Another project I'd like to highlight there is service delivery evaluation. So, honestly, in my department, we evaluate our service on an ongoing basis all the time. But we think that really scheduling in these pauses every five (5) years to have someone else potentially come in and take a look at our overall service network, tell us where we can be more efficient. Verry similar to the PAL service evaluation. Look at where emerging demand is, tell us where we should be allocating our resources, where we should put more, where should we take away from, where we should invest in other capital resources as well.

And another exciting project in that is the electrification of Cold Spring so we put in here "Cold Spring garage

fully electrified" obviously we are moving toward electrification of the first bus delivery very shortly. However, if we look at what that process looks like to electrify a full garage, we're probably talking about five (5) years out from this time frame right now.

And lastly the 2030 and beyond, you'll see there's only one (1) project listed on there right now, we're talking eight (8) years out, and that's for Metro Transit Expansion in the Tonawanda Amherst corridor too. And with that, I will turn it over to ask if anyone has any questions on the TDP. I would be more than glad to answer. As I mentioned, it is on the website for public review and comment. It will be talked about with our Citizens Advisory Committee Meeting this afternoon. It is a living document so although we plan on presenting it every January, it will change in the interim as well as we complete projects and add new projects on.

COMMISSIONER PERRY: Do we have wi-fi on the trains?

MR. GEORGE: We do not.

17 COMMISSIONER PERRY: Why?

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MR. GEORGE: We don't have the capability to communicate

within the tunnels at this point in time.

COMMISSIONER PERRY: So, no cell service, of course, there.

MR. GEORGE: That is correct.

COMMISSIONER PERRY: That I knew but, of course, when you are above

ground, you have your cell service.

24 MR. GEORGE: That's right.

25 | COMMISSIONER PERRY: So, what's the issue with wi-fi on trains?

MR. GEORGE: We have done some preliminary analysis to see

what it would take to do that. We've talked about not only on the train

but in the stations.

COMMISSIONER PERRY: MR. GEORGE: 2 One of the things we've looked at specifically is when the fare collection project goes into effect, when we will have 3 4 barriers in the stations and targeting that as a point to introduce wi-5 fi in the stations where we have segregated access. Essentially those 6 are our customers versus the community. And then we have also looked 7 with our IT Department of upgrades in the communications systems along 8 the tunnel and we can piggyback wi-fi on to that. So, those are 9 projects that are on our radar but not on the Transit Development Plan. It probably should be. So, thank you. That's a great comment. 10 COMMISSONER PERRY: Amazing. So, are there, as far as cell service 11 12 underground, is that something that exists in other systems, I mean 13 that use a similar technological infrastructure as U.S. cellular 14 systems? 15 MR. GEORGE: I believe it does and those systems are ones with significantly higher ridership than NFTA Metro. So be it a MATA or 16 17 a New York City or even a CTA, the Chicago Transit Authority, those 18 types of systems. The revenue that is generated for the cellular companies is a good return on investment for the use relative to what 19 20 it costs to actually build those infrastructures out. And we don't have 21 that type of ROI based on our ridership numbers in our system. COMMISSIONER PERRY: 22 So, for the plan, so how does, how does 23 somebody go about adding that as one (1) of the considerations for the 24 plan? MR. GEORGE: Adding it ...? 25 26 COMMISSIONER PERRY: Not, not actually doing it, but having an 27 analysis or a consideration of wi-fi and cell service? Because I

Yeah.

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understand the investment part of it, but I don't know whether that's a

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what the problem is? Or define the problem and then say, not enough
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          ridership to do it? Or wow?
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    MR. GEORGE:
                                   Well as a Commissioner of the NFTA, if you
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          bring it up at the Board Meeting when we talk about the Transit
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          Development Plan, it's a great start.
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    MULTIPLE COMMISSIONERS:
                                 Laughter.
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    MR. GEORGE:
                                  We will put it on our agenda, and we will look
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          at that because...
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    COMMISSIONER PERRY:
                                  Insidious.
    MR. GEORGE:
                                  ...it's relative to our project.
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    COMMISSIONER PERRY:
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                                  OK, yeah, those two (2) things, especially the
          wi-fi, especially the wi-fi in stations and in the train so most people
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          can maintain a very high level of connectivity. They can work
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          continuously without any interruption. The cell service is just
          something I am interested in but the wi-fi, that's like a big, big...
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    MR. GEORGE:
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                                   Just, I'll take this opportunity just to
          recognize that we do have wi-fi on our bus network.
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    COMMISSIONER PERRY:
                                   Yes, yeah, and that's one (1) of the reasons I
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          asked the question, because then I wonder why, you know why wouldn't
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          you?
    MR. GEORGE:
22
                                   Yeah.
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    COMMISIONER PERRY:
                                   Yeah.
    MR. GEORGE:
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                                  So, thank you for that comment. We will be
          including it in our plan.
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    COMMISSIONER PERRY:
                                   We do have, like, you know, two-way radio and
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          stuff on our trains, don't we? So...
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million dollars or \$100 million dollars, so how do we, like, find out

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MULTIPLE COMMISSIONERS:

Laughter.

1 MR. GEORGE: Absolutely.

2 | COMMISSIONER PERRY: So, we're not like sending smoke signals...

3 MULTIPLE COMMISSIONERS: Laughter.

4 | CHAIR ROCHE: Smoke signals.

5 | MULTIPLE COMMISSIONERS: Laughter.

6 | COMMISSIONER BLUE: We do not want smoke signals.

7 | MULTIPLE COMMISSIONERS: Laughter.

8 | COMMISSIONER PERRY: Especially not smoke signals. Drums? Drums?

9 MULTIPLE COMMISSIONERS: Laughter.

10 COMMISSIONER PERRY: Sorry. Thank you.

11 MR. GEORGE: Thank you.

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12 | CHAIR ROCHE: Thank you. Learned a lot.

MR. GEROGE: OK. Segue if I may. That was a very strategic

initiative we talked about. What I want to do now is transition into a more tactical discussion. We've been talking to the Board for quite some time about our labor challenges. We had a discussion earlier in Human Resources about labor challenges. Karen was kind enough to highlight the fact that we have sixty (60) operator openings in the operations division which is a challenge for us to operate. It is further exasperated by the fact that we have challenges with COVID which has taken even though we are down sixty (60) positions, those employees who are currently employed by us, are even more challenged to fulfill their commitment to the agency. So, in the month of December we experienced some of our most challenging operational conditions we've ever had here at Metro. We had times of weeks where we had significant service cuts in the system and all of those are almost exclusively related to the lack of available operators to operate the system. And so, our reliability, the commitment we made to the community to show up

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at the bus stops that we put on our schedule we'll be there, has been challenged. The numbers, when we talk about numbers, we're still in the high ninety percents delivering our service, but when you start talking about, well we deliver 2,300 trips a day here at Metro. So, if you start talking a percent or two (2), that becomes significant numbers in our community. And those become rather troublesome for us as an agency but even more so for our riders who may be at a bus stop, especially in the winter, especially if they are on their way to work. So, we've taken a hard look at our system, and we're looking for advancing some reductions in service on a temporary basis to try to get through this period of time. So, what we've done is we've asked Service Planning to take a look and we've introduced a number of changes in the system that we want to move forward with effective on February 13th. We've worked closely with the ATU, our operator union, to do what we refer to as an emergency pick. This is where we develop that service and actually get it deployed through our workforce. The service we are looking to reduce is across the board. We started working with the Buffalo Board of Education, we provide them with specials, over 100 specials on a daily basis. We took a very close look at the ridership of those specials and we identified areas where we thought we could reduce some of those specials. We collaborated with the Board of Education. We came to an agreement that we would reduce some service there. That provided us with some relief. We took a look at our express service. We break our express service into two (2) categories, this is commuter express essentially. The two (2) categories are those express services that have underlying bus service. So, if you're in a community that has bus service, we also may run an express run into the city through that community. But if that express service would no longer exist, you'd

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still be served by NFTA Metro, you'd still be able to get a ride on the system and get to where you need to go. And then there's those express services that do not have underlying service, and if that express were to be pulled in that area, they would essentially be abandoned relative to their ability to gain access. So, we focused our attention on those areas where there is underlying service and we are proposing to suspend those express routes in those areas and the areas where there is not underlying service, we are reducing the express service, but we will remain in those communities and providing service. And then the other thing that we've looked at is we've looked at our later nights and our weekends and we've expanded our headways and what that means is generally you will see a bus coming every twenty (20) minutes, in some cases, we will expand the headways to come every thirty (30) minutes. So, by doing these exercises and creating the emergency pick with the union, we're freeing up enough individuals to reliability provide service, to make the commitment to the community so the new schedules that are coming out reduce the need for operators enough that we believe we can get back to one hundred percent (100%). I say one hundred percent (100%). There's always going to be a bus breakdown or something that occurs, but if we see bus cuts in the order of magnitude of twenty (20) or thirty (30) a day, that's simply unacceptable. If we see a bus cut of two (2) or three (3) a day, we understand these things happen and we can communicate them to our customers. But we have to become and remain reliable so that the community can count on us. So, this is a painful time. It's very challenging. The other thing I'd just like to add is the Staff of NFTA Metro has been beyond incredible, from the Operator, to the Clerk, to the Supervisors, to the Managers, every single day over the last two (2) months, they've come to work with an

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MR. GEORGE:

empty tool box. They've come to work without enough Operators, with what we refer to as open runs in the morning. So, you come in normally, on a normal day when we operate the way we're designed, you come in and your runs are filled, and you've got what we refer to as an extra board. So, we have employees that come to work, and they're assigned to an extra board so if someone calls in sick or something happens during the day, we have staff to maintain that service. We've been operating without an extra board for a number of months and that's created tremendous pressure on our Operators, on our Clerks, on everybody who manages this. So, every day has essentially been a fire drill for our Staff and meanwhile, we're doing this fire drill, but we're still not making our commitment to the community. So, this has become really critical to us, and we've decided to move forward with this temporary suspension of some service, and temporary reductions of some service. We're very hopeful that the recruiting efforts will continue. We're very hopeful that COVID will go by the wayside, and a lot of the related illness that we've experienced will rebound. We have a very dedicated workforce that has just proven to be exceptional during this period. At the same point in time, there's only so much we can expect from them. So, very painful, difficult decision but I wanted to go through that with the Board today and see if there's any questions I can answer or anything you want me to expand upon as we do this.

COMMISSIONER BLUE: How many operators will we need to bring services back to a regular routine, I would say?

things here... The numbers are. It's a moving target. What we targeted was forty (40). That was a number that we used in this process to define how many we needed, how many positions we needed to create to

So, what the numbers, so there's a couple

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maintain stability. We're hopeful that, and you've heard me say it before, hope is not a strategy, but we're hopeful that as people come back in, we can start to put some service back into some places. So, we're not necessarily looking at a trigger point, we get to this, we put it all back, we want to be able to be flexible and nimble enough so that if we start to see a rebounding in our staff, we can reintroduce some of the service. Maybe in those areas, those express routes that aren't services, maybe half of those, bring that back to full or some of the other critical areas we can start to define and look at that. We look at our service quarterly. So, normally our pick would be in March and then the next one (1) would be in June. So, every quarter, we adjust service based on ridership, headways, customer complaints, any information we get, and so we'll be going through that process, but we may actually do things in between that as well. So, the number is a moving target. A lot of it depends on, you know, what the illnesses are, recruitment. The other point I'd just like to make is when I look at the operator numbers and how many we have lost, and I use the word lost, they go for retirements, there's another category in there. Our Operator pool is also the pool of our organization. It is the backbone of this organization so every Clerk in our organization used to be an Operator. All of our Supervisors used to be Operators. Our Controllers used to be operators. So, that's part of the feeding and the nurturing of our organization is the Operators moving up and that's a challenge as well. So, there's so many moving target things in here, we still need all of those positions filled as well. And we're always happy when that happens, right? But now it's the yin and yang, it's the pull of it. So, we need to fill a Supervisor position, but do I want to pull more Operators out of Operations? So, we're constantly struggling with

that balance as well. And retirements are real, but I think that we've really seen a certain amount of stability in our Operations staff, but the challenges have been with recruiting. It's really been with recruiting and that's really where we're trying to put most of our, where we're putting most of our resources into recruiting right now. So, I would just encourage everyone if they can, if you know somebody out there who knows somebody else who's looking for a position, please send them our way. It's a great place to work and it's really a rewarding job. And the Mechanics are just as important as well but right now the focus is solely on Operations. So that, those are the numbers that we are looking at, yup.

OK, well thank you very much for your patience and your understanding as we try to work through it. My Staff has just been wholly focused on this for the better part of probably six (6) months and it's just gotten worse, and worse and worse. And unfortunately, or fortunately, depending on how you look at it, we're not alone. This is very common throughout the industry, we're seeing it across the industry, we're seeing it in transit agencies across the U.S. doing the same type of thing, some introducing a Saturday service. We looked at a number of different options, but our focus was solely on what had the least amount of impact on our customer base and what provides us with the best ability to become reliable. So, this is the solution we've come up with after many, many hours and a number of different scenarios that we're looked at.

MS. MINKEL:

And I just want to recognize Tom and his Team because the past couple of years have been incredibly stressful. And the focus has always been on the customer. But internally staff-wise, it's taken a toll. You know, Tom talked about COVID, we've all heard

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about, you know, the health effects but we have many operators who rely on childcare and other things that have disrupted their lives and impacted their ability to come to work. So, I think this is a sound approach. It provides a more reliable service for our customer base, but it also gives time for Staff to take the necessary steps to get their life, their house, their health in order so that we can come back strong over the course of the year which we all hope will be sooner rather than later. So, Tom, I think it's good you recognize your Staff and building a resilient Team going forward. So, thank you for that.

MR. GEORGE: Okay. If that's all on that, I just have a few

due diligence items that I'd like to cover. On our Metro Initiatives

Status Report, we talked about the service improvements and the service
challenges. I do want to just make one last point about service and
that is the fact that we had gone through a painstaking process last
year of identifying service changes and it went through public hearings
and the Board authorized us to move forward with those. As we're
rolling out this emergency service, we're also implementing some of
those challenges, which is also positive for the community. So, even
though there's some challenges that have been introduced with this,
there's areas we're going with our new service. We've adjusted some
routes to service them better. Some better generators and some better
opportunities for people. So, we are pleased with that. We're doing
some streamlining in downtown Buffalo. So, we are still moving forward
with some of those things. We still want to grasp and advance those
things that we identified as positive improvements.

The other item, if I could, would be the Light Rail Extension Project. We have a Board Action coming to you in the Board Meeting today to advance our consultant into, the furthering the NYPA

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process for the environmental clearance. We recently received some long-due funding clearances from the State of New York which was dedicated to that project. So, we're now able to continue and advance that a bit further so I wanted to talk a little bit about that. We are actively engaged with the Federal Transit Administration through the review of the NEPA document. We are actively advancing that draft environmental impact statement as we speak. They have chapters on that that are being developed by a consultant and our internal Team. So those are being reviewed, but this next step will allow us to carry that through the completion of the final environmental impact statement and potentially a record of decision on that project.

always talk about our Advisory Committees. I really don't have a report today, but I would say that we have two (2) Committee Meetings today. We have our Accessibility Advisory Committee Meeting today at 2PM. That's virtual. And we also have our Citizens Advisory Committee tonight at 5:30PM. That, as well, is virtual. And again, I always like to encourage, if any of the Board Members want to sit in on any one (1) of these, they are more than welcome. Now in the virtual environment, it's just that much easier. Those are available. And that's all I have for my report today.

CHAIR ROCHE: Good report. Adam?

COMMISSIONER PERRY: How do people get on any one of those

Committees if they really wanted to? Like how do they find out how to

do that?

MR. GEORGE: The Accessibility Advisory Committee is basically open to anybody. That's basically an open invitation. You can contact our EEO office on that and they'll provide you with the

information on how to access that. Our Citizens Advisory Committee, the governance on that establishes the membership is twenty-five (25) individuals and there are both organizations and individual riders that are part of that. We have six (6) individual riders, and the rest are made up of local organizations. Those are three (3) year terms that's, as I said, limited to twenty-five (25) by the governance on that. And those, so those are three (3) year terms, but they cycle so every year, a third of the Committee comes up for renewal. When that occurs, we basically go through their attendance, their participation, and take that back to the Committee. And at that point in time, annually, generally in the fall, November timeframe, we look for new members because we like to cycle people through. And there is an application process on our website under the Citizens Advisory Committee. There is an application right in there. We encourage people to go through that application and get that to us, generally in the, later in the year. We just introduced our new Committee Members, we're actually introducing them tonight. We've gotten them up to speed and given them all of the materials they need. So, again, that cycle will begin in the fall, and then we'll introduce new members again next January, as a third of those... And generally, they don't all cycle off. Generally, we have a few folks that leave for organizations that don't participate. Well, that's our opportunity to get the changes made in the Committee.

COMMISSIONER PERRY: Any openings right now?

MR. GEORGE: Actually, we're full right now because we just

went through the process, and we like to make sure we have the full contingent.

COMMISSIONER PERRY:

Thank you.

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Yup.

1 | CHAIR ROCHE: Good. Well, thank you very much Tom.

MR. GEORGE: Thank you very much.

3 CHIAR ROCHE: And Aviation Committee. Bill?

4 | COMMISSIONER PERRY: Thank you, Sister. And I turn it over to Mr.

Vanecek.

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6 | MS. MINKEL: We've got time. We're OK.

MR. VANECEK: Well, hello everybody, and welcome to snowy

January.

CHAIR ROCHE: Laughter.

MR. VANECEK: We'll quickly go through some of the statistics

that we want to talk about and one (1) is the December historical enplanements, December '21 versus '20. We had a 106% increase in flights and 134% increase in seats year over year. So, we're getting healthier. We're not quite back to where we need to be but it's really showing signs that people are willing to travel. They feel it's safe to travel and we're very excited about that, particularly because we also have some new service that is going to be starting up very soon. On February 18^{th} , Frontier will start flying Cancun service three (3) times a week and that will run through, I believe, it's a total of 27 flights. So, we'll see how that works and if successful, we should be able to keep it in the schedule going forward. If you recall, we had some conversations with a, about our FIS operations. We've been in contact with Customs and Border Control, and we've been able to get them to agree that they will provide the service for us and not at exorbitant rates, so, we're happy to see that. Hopefully, we can, you know, make some changes down the road, that makes it a little easier to do rather than have to call them every time we have an international flight go out and worry about things like funding.

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Also, let's see, we've got, in January, fast forwarding to this month in January, we've actually have 1,681 flights scheduled, with almost 194,000 seats going out, so we're getting healthy and hopefully that will continue. And along those lines, our enplanement numbers, we're high, we were at 104% enplanement numbers year over year for the calendar year 2021. So now is the time to start thinking about getting back to things that we've put on the shelf this past year, i.e., our concessions. We've had conversations with Delaware North, as you know, the food court really hasn't been operating other than the Tim Hortons that is in there. They have now put up the construction wall to start the build out of the two (2) offerings that we had shelved, which was BurgerFi, which was a higher-end hamburger type operation and then also Bocce Pizza. So, they are underway, and they're hoping to get it down by June/July time frame. We'd like to be able to hit spring break but just with the delays, I don't think we'll be able to get that out there. But, nonetheless, that's going to happen so we're very happy about the start of this and hope the project gets done very quickly.

Looking at the December numbers here, as you can see, we are unchanged year to date at Niagara Falls. Obviously, Spirit is still not flying. However, we do have good news on this: Spirit is going to start flying to Myrtle Beach starting April 20th and they will fly through September 5th, so that's 160 flights that they'll be doing out of Niagara Falls. So, we're very happy that they're getting back into the game and hopefully, they will be successful.

Next are our parking operations. A couple of comments here... You can see how dramatically the change is year over year when looking at the colored bars on this end over here. And I looked a

little deeper and I said, "well what does this mean?". So, we really had an \$8.4 million dollar increase in parking revenues year over year. That's 400% in parking revenues which is crazy. Now that's through, just through this period here where you're looking at the end of December. This is on a fiscal year, so those are great numbers to see and we're seeing some pretty good make-up. We're surprisingly, I took a look, to see what the Canadian traffic looked like in our parking lots. On a daily basis in the parking garage, we're getting about eleven percent (11%) of our folks coming down from Canada, which surprised me, you know, because given the conditions of the borders right now, I was pretty happy to see those numbers. In our preferred lots, we had four percent (4%) Canadian parkers and in the long term, we had six percent (6%) of our Canadian traffic. We did have a period in December where we had quite a bit of cars that had to use the overflow in the long-term lot, which is good news. So, we were kind of thinking, you know, should we start shoveling the snow in the economy lot? But it subsided enough now that we don't really have to do that. But we'll keep a close look at that once we get back to good health.

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Looking at the throughput, this is our, we show this every time we have the meeting, and you can see above it, all of the airports in the United States combined, you can see its tracking. And right below, we're right there, I mean, we're right at the same type of pattern that's happening throughout the United States. So, encouraging news that, you know, we're not falling behind the curve. We may not be exceeding it, but we're still tracking just like everybody else in the United States.

But the big news for our end of the world this year, we had a couple of major events with snow and our airfield team, I will

tell you right now and I will believe it until the day I die, they are the best in the country, without a doubt in my mind. These men and women that are out there, keeping our airport safe during inclement weather is just incredible. And to look at what happened and get hit by a record snowfall on January 6^{th} . 17.8 inches. I am here to tell you that is a lot of snow, and you know, they did a great job. At times they were overwhelmed by it because of blowing winds, etc. but they stuck at it, and they did a phenomenal job on the airfield, so we were very, very happy. We did, you know, we obviously had cancellations, but they helped keep that airport open pretty much full time. There was a brief period when visibility was just zero and we couldn't keep it open, but it was back up quickly and operating. And then comes January 17th and they almost topped the January 7^{th} amount. We had 17.6 inches of snow on that date. So, with those two (2) combined had over thirty-five (35) inches of snowfall at the airport in a very, very brief period of time. You're talking less than a 24-hour drop, and that was absolutely incredible. And to put it in perspective, if you look at the next slide, you are going to see some telling stats about what we have for snow. If you can flip over, Lara?

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So, if you look at the big snow areas, you know you have Marquette which is way up there in Michigan and so it's hard to compare with them, but when you look at what's happened in Buffalo, we're 49.2, 52.8 inches, and that's the average through 1/17. And look how far below everybody else is. So, this really tells you we've getting picked on by Mother Nature. But we looked at Mother Nature and said we'll beat you and we did. So, really big kudos to all of those folks, you know, they put many hours of overtime in, and we were able to get our airports up and operating quickly, safely, so that planes

could land, and you know, kudos to them.

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And then lastly, I just wanted to, we have a little video I wanted to show you. We have these multi-task vehicles which helped us in our efforts with the snow removal at Buffalo tremendously. And it's almost like a ballet when you go out there. You know when I first saw it when I came here to the airport, that's what I looked at, when I saw my first snowstorm and how coordinated the efforts were with our airfield staff and how good they are. So, if you can run this [video noise of multi-task vehicles in the background], you'll see these are on our main runways. And these vehicles that we have are multi-use vehicles and they were a lot of money, but they've saved us a lot of time and allowed us to run a much better operation and a safer operation for our folks. So, look at these vehicles. You've got a plow, you've got a broom, you've got a blower, all in one that takes one driver. So, you're not in three (3) separate vehicles doing that same thing. And look how coordinated this effort is. Right. They don't miss a beat. You don't see anybody getting out of line. They're staggered so they can get the snow off to where it needs to be. And I've got to tell you, they were thrilled when we told them we were getting these. When we got the first one (1), you know, right away they wanted more. And absolutely, it saves us money, it saves the airlines money. And they just do a tremendous job out there. And when you think about the blowing snow, etc., it's, you know, they have to rely on the person in front of them. So, the lead driver has the most important job of making sure he is having everyone in line and they're all... Look how close they are. It's almost like you're marching in the military. And those vehicles are just priceless to us when it comes to our snow removal efforts. So, very, very thrilled.

MR. WEITZ: With five (5) of them now, we can do the entire 1 width of the runway in one pass. 2 COMMISSIONER PERRY: 3 Nice. 4 MR. VANECEK: Yup. MR. WEITZ: 5 Which saves us a lot of time. 6 MR. VANECEK: Absolutely and that was key. It was key on the 7 other day... 8 MR. WEITZ: Yup. MR. VANECEK: ...you know... 10 MR. WEITZ: Yup. MR. VANECEK: ...when we had to keep the runway open, we had a 11 12 lot of difficulty keeping the ramps open because we had to dedicate the 13 equipment to the main runways. But the airlines gave us great kudos 14 for, how, what a great job we did at getting the flights in for the 15 folks that could get in. And again, you know, once again, again, I think they are number one (1), if not in the United States, certainly 16 in the United States, but I would probably argue worldwide that they 17 are the best operation that you'll ever see. So... 18 COMMISSIONER PERRY: We actually are award-winning... 19 MR. VANECEK: 20 We are. 21 MS. MINKEL: Yes, we are. 22 COMMISSIONER PERRY: This is not just braggadocio. 23 MULTIPLE COMMISSIONERS: Laughter. 24 MR. VANECEK: That's right. You got that one exactly right. So, yeah, so that is, that, I am fairly brief on it today but I wanted 25 you to see what really happens on the airfield and you know, any time 26 27 anybody wants to jump in a snowplow with some of these guys, I can

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arrange that for you.

COMMISSIONER PERRY: Ahhhh... MR. VANECEK: I've done it before and it's very enlightening 3 4 and you know, you'll have a very much higher appreciation... 5 [Two sneezes and multiple "bless yous"] 6 MR. VANECEK: ...for the great job that these guys do. Bless 7 you. And anyway, that ends my discussion for today. If there are any 8 questions or other topics you'd like to address, I am very happy to 9 give you my incites if you need any. CHAIR ROCHE: Are these specially trained drivers? 10 MR. VANECEK: Yeah. 11 CHAIR ROCHE: 12 And is that what they do? MR. VANECEK: There are. Yeah. Yeah. So, they're... 13 MR. WEITZ: 14 Yeah. They go through a six (6) week training 15 period... MR. VANECEK: Yeah. 16 MR. WEITZ: 17 ...before they even go out on the runway with the 18 team. CHAIR ROCHE: Such huge machines. 19 MR. VANECEK: 20 Yeah. 21 MR. WEITZ: Yeah. MR. VANECEK: 22 Any time we get a new driver, even though they 23 all have their CDLs, just to operate a lot of the equipment that we 24 have out there, but they always do a buddy system. You get them in with somebody else that is an experienced driver and before they are behind 25 the wheel, they are doing a significant amount of time observing what 26 27 that driver is doing. And then they'll flip seats and that will allow

Laughter.

MULTIPLE COMMISSIONERS:

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the newcomer to come in and take advice from the veteran that is in

there, so that we know they are qualified. We won't let a driver who doesn't pass all of the qualifications, they will not be in a vehicle by themselves. So, we're very, very cautious about that.

MS. MINKEL:

So, this is, you know, an incredible amount of work, obviously, for the field personnel. Bill showed the plowing of the runways but on top of this they have snow removal, they have snow melters, so it's not as simple as one (1) pass, snow is gone. They can take a break. Then they have to go back and remove all of the snow after that. You know, they're working early morning while most of us are sleeping and late at night and they really do an incredible job.

MR. VANECEK:

And they were very grateful for the snowmelt machines that we have as well. It looks like a big swimming pool on wheels, and it's heated by propane. And what it does is they get the snow pushed into an area where we get these big mountains of snow. And then they got loaders to dump it into the hot water which then goes into the sanitary lines which then gets pumped into our wetlands area and gets cleaned for glycol, etc. So, that is a big time saver. It's a money saver because we normally would have outside contractors putting, having a loader going into a dump truck and driving all the way around the airfield to get over to the snowmelt pad, which is now the subsurface wetlands so that's no longer needed and that was a, we'll be looking at acquiring at least one more of those to help the operation along. They're expensive, but they are worth it.

24 MS. PERLA: Now you need to find a new garage.

25 MR. VANECEK: Yes. Yes.

26 | MULTIPLE COMMISSIONERS: Laughter.

27 MR. WEITZ: A smaller version.

MR. VANECEK: So, if there are any other questions or

comments? If not, thank you very much. 1 COMMISISONER PERRY: 2 Thank you. 3 MS. MINKEL: Thanks, Bill. 4 CHAIR ROCHE: And that concludes our meetings for this 5 morning. We will take a break and return at 12:30PM for the full Board 6 Meeting. 7 MR. VANECEK: Can I have one mulligan? I just want to reach 8 out and talk and make sure everybody understands the 5G issue. 9 CHAIR ROCHE: Oh, yeah. 10 MR. VANECEK: So, just quickly, you know, we want to make sure that, you know, all of the flights that we have flying out of the 11 12 airport are on aircraft that can land on airports with 5G, which is the 13 5G issue surrounding that. And I am happy to report that every single aircraft that we have can land and we don't have to worry about the 5G 14 15 issue at our airport. We went through all of them, all of the Boeing 16 Aircraft are certified, even the Embraers like JetBlue and other flyers are all certified. All the Delta planes, they're all certified for 17 other airports. So, there's no worries about having to deal with some 18 19 sort of interference as they are coming to our airport. Thank you. CHAIR ROCHE: 20 Good. Thank you. 21 22 23 24 25 26

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