PORT AUTHORITY OF NEW YORK & NEW JERSEY

\_\_\_\_\_

NEW YORK COMMUNITY AVIATION ROUNDTABLE

June 27, 2019

Kew Gardens, New York

BEFORE

Barbara E. Brown

and

Warren Schreiber

Co-Chairs

JANE ROSE REPORTING

Nicole Ellis, Court Reporting

FINAL COPY

JANE ROSE REPORTING 1-800-825-3341

JANE ROSE REPORTING 1-800-825-3341 National Court-Reporting Coverage janerose@janerosereporting.com

APPEARANCES:

FOR NYCAR JFK INTERNATIONAL AIRPORT COMMITTEE:
Justin Connor for Congressman Tom Suozzi
Joseph Edwards for Congressman Gregory Meeks
Frieda Menos for Congressman Hakeem Jeffries
Dennis Graham and Gloria Boyce-Charles

for Queens Borough President Melinda Katz
Leo Meyers for Senator Todd Kaminsky
Rebecca Sheehan for Senator Anna Kaplan
Barbara E. Brown, Co-Chair,

for Assemblywoman Michele Titus Joshua Joseph for

Assemblywoman Michaelle Solages Michael Matteo for

Assemblywoman Stacey Pheffer-Amato
Conner Dunleavy for Assemblyman Edward Ra
Jared Fischedick for

Nassau County Executive Laura Curran Fruize Ali, Community Board 9 Michelle Keller, Community Board 12 Clive Williams, Community Board 13 Dawn Roberts-Semple, Citizen Member Larry Hoppenhauer, Citizen Member

(Appearances continue on following page.)

JANE ROSE REPORTING 1-800-825-3341

National Court-Reporting Coverage janerose@janerosereporting.com

A P P E A R A N C E S: (Cont'd.)

For NYCAR LaGuardia Airport Committee:

Christopher Boccia for Congressman Tom Suozzi

Maria Becce for Congresswoman Grace Meng

Michelle Hernandez

for Congresswoman Alexandria Ocasio-Cortez Marie Figueroa for Congressman Hakeem Jeffries Lei Zhao and Allan Swisher for

Queens Borough President Melinda Katz
Akshor Patel for Senator John Liu
Pema G. for Senator Jessica Ramos
Assemblyman Edward Braunstein
Sean Simmers for Assemblyman Brian Barnwell
Tony Cao for Assemblyman Ron Kim
Scott Sieber for Councilman Peter Koo
Terence Cullen for

Councilman Costa Constantinides

Denise Keehan-Smith, Queens Community Board 2

Warren Schreiber, Co-Chair,

Queens Community Board 7
Seymour Schwartz, Queens Community Board 8
Joan Garippa, Queens Community Board 11
Frank Taylor, Citizen Member

(Appearances continue on following page.)

JANE ROSE REPORTING 1-800-825-3341

National Court-Reporting Coverage janerose@janerosereporting.com

APPEARANCES: (Cont'd.)

FOR JFK/LAGUARDIA AIRPORT COMMITTEES:
Bill Huisman, Facilitator,
Aviation Development Council
Kevin Costello, JetBlue

FOR PORT AUTHORITY OF NEW YORK & NEW JERSEY:
Adeel Yousuf
XiaoBo Liu
Nick Dmytryszyn
Stacey Gilbert

ALSO PRESENT:
Steven Jones, FAA
Veda L. Simmons, FAA
Members of the Public

## FINAL COPY June 27, 2019

	Page
	A G E N D A
ITE	M PA
1.	Welcome & Introductions6
2.	Minutes13
3.	Understanding and Using the
	Monthly Noise Reports - PANYNJ15
4.	PANYNJ Update on the
	Part 150 Study - PANYNJ
5.	FAA Reauthorization Act of 2018 -
	Prioritizing our Requests for
	FAA Updates82
6.	Airport Committee Sharing
	A. JFK Airport Committee90
	B. LGA Airport Committee10
7.	Public Comment10
	Adjournment11

	Page 6
1	* * * 7:18 PM * * *
2	CO-CHAIR WARREN: Good evening,
3	everyone. I want to thank everybody for
4	being here. We should have some more
5	people showing up, I know traffic is
6	really bad. It seems like traffic has
7	been bad forever, forever. This has been
8	the worst year for traffic.
9	But my name is Warren Schreiber,
10	I'm the co-chair of the New York Community
11	Aviation Roundtable, along with Barbara
12	Brown, and I represent Community Board 7.
13	And what I'd like to do, the first
14	thing, is just go around the room and have
15	everybody introduce themselves.
16	MR. HUISMAN: Good evening,
17	everybody. I'm Bill Huisman, I'm Aviation
18	Development counsel and I'm the
19	facilitator for NYCAR.
20	MR. MATTEO: Michael Matteo, I
21	work for Stacey Pheffer-Amato.
22	CO-CHAIR WARREN: If everybody can
23	speak up. I'm sorry about the mic, but we
24	don't have a wireless mic and it's a short
25	cord.

	Page 7
1	MS. SMITH: Denise Smith, chair of
2	Community Board 2.
3	MR. ALI: Mr. Ali, chair of the
4	Transportation Committee and CB9.
5	MS. SHEEHAN: Rebecca Sheehan,
6	chief of staff and counsel for Senator
7	Anna Kaplan.
8	MR. DUNLEAVY: Conner Dunleavy,
9	Assemblyman Edward Ra's office.
10	MR. ZHAO: Lei Zhao, I'm
11	representing Queens Borough President
12	Melinda Katz. I'm also the recording
13	secretary for the LaGuardia Committee.
14	MS. MENOS: Frieda Menos for
15	Congressman Hakeem Jeffries.
16	MR. MEYERS: I'm Leo Meyers with
17	Senator Todd Kaminsky's office.
18	MS. BOYCE-CHARLES: Gloria
19	Boyce-Charles for Borough President Katz.
20	MR. LIU: John Liu, I work for
21	Assemblyman Ed Braunstein.
22	MR. JONES: Steven Jones, FAA.
23	MS. SIMMONS: Veda Simmons, FAA.
24	MS. JEOFF: I'm Noemi Jeoff and
25	I'm an intern for Assemblyman Brian

	Page 8
1	Barnwell.
2	MR. SELLINGER: Jesse Sellinger,
3	Assemblyman Brian Barnwell.
4	MR. ALAM: Muhoma Alam,
5	Assemblyman Brian Barnwell.
6	ASSEMBLYMAN BRAUNSTEIN:
7	Assemblyman Edward Braunstein.
8	MS. HERNANDEZ: Michelle Hernandez
9	from Congresswoman Ocasio-Cortez's office.
10	MR. PATEL: Akshor Patel for John
11	Liu's office.
12	MR. CULLEN: Terence Cullen with
13	Councilman Costa Constantinides' office.
14	MS. BECCE: Maria Becce, first
15	vice chair of the LaGuardia Committee and
16	I represent Congresswoman Grace Meng.
17	MR. SCHWARTZ: Seymour Schwartz
18	representing Community Board 8.
19	MR. EDWARDS: Joseph Edwards
20	representing Congressman Meeks.
21	MR. BOCCIA: Chris Boccia
22	representing Congressman Suozzi's office.
23	MR. GRAHAM: Dennis Graham,
24	Melinda Katz JFK Airport Committee.
25	MR. DMYTRYSZYN: Nick Dmytryszyn,

	Page 9
1	Port Authority.
2	MS. PEMA: I'm Pema from the
3	office of Senator Ramos.
4	CO-CHAIR WARREN: Are you
5	representing the senator?
6	MS. PEMA: No, I'm here to attend.
7	MR. FISCHEDICK: Jared Fischedick
8	representing County Executive Laura
9	Curran.
10	MR. HOPPENHAUER: Larry
11	Hoppenhauer, citizen member of this group.
12	MR. COSTELLO: Kevin Costello,
13	JetBlue Airways.
14	MS. BROWN: Beverly Brown.
15	Springfield Rosedale.
16	MS. GARIPPA: Joan Garippa,
17	Community Board 11.
18	MR. CONNOR: Justin Connor from
19	Congressman Tom Suozzi's office.
20	CO-CHAIR WARREN: So before we
21	start here, I know that State Senator John
22	Liu has asked to say a few words and I
23	wasn't going to tell him no because he's
24	also my state senator, so John.
25	SENATOR LIU: Good evening. Thank

	Page 10
1	you, Mr. Chair.
2	I just wanted to say hello to
3	everybody. And I didn't have a chance to
4	attend many of these meetings. The last
5	time I attended this was last December,
6	which I think we had the meeting over at
7	Bayside, but this is a very important
8	roundtable of representatives of elected
9	officials, as well as industry groups,
10	civic associations.
11	And we all care very much about
12	what's happening in our skies and how that
13	translates into what's happening in our
14	ears. And so we want to make sure that we
15	allow the skies to be friendly to
16	everybody, including residents in our
17	communities, the people that we all
18	represent.
19	So I'm here to lend you support.
20	Akshor Patel, my deputy chief of staff, is
21	going to be here for the whole meeting I
22	have a lot of things to get to tonight.
23	So I want to wish you a great
24	meeting, and keep up the great work that
25	you're doing. Chairperson Warren
I	

	Page 11
1	Schreiber has been heading this for some
2	time now and we put it all in your good
3	hands, Warren.
4	CO-CHAIR WARREN: And Barbara.
5	CO-CHAIR BROWN: I'm Barbara
6	Brown, I'm co-chair of NYCAR, chairperson
7	of JFK Airport Committee, and I represent
8	Assemblywoman Titus.
9	CO-CHAIR WARREN: Frank, would you
10	like to introduce yourself.
11	MR. TAYLOR: Frank Taylor. I
12	guess I'm the civilian whatever you
13	call it citizen member. I represent
14	Ditmars Boulevard, I'm the president
15	there. I'm also a member of the community
16	board and retired law enforcement. Nice
17	to meet all of you.
18	CO-CHAIR WARREN: Thank you,
19	Frank.
20	So just want to say a couple
21	things really quick before we move on. We
22	have some new members or some new members
23	on the board, we have some new citizen
24	members, we have new members who are
25	representing elected officials. And I

Page 12 1 just want to give everyone a really quick 2 update as to how we got here and what we 3 are and what we're not. It was March 24th, 2014, Governor 5 Cuomo issued a directive to the Port Authority calling upon them to set up 7 community aviation roundtables. same time, he also issued a directive calling them to establish a Part 150 noise 10 study, which both of those things have 11 been done. It wasn't easy, but the 12 roundtable was here. There was a lot of 13 people who weren't happy with the bylaws 14 and we kept going back and forth but we're 15 final here. 16 The thing that I want to point out 17 is now that the roundtable is up and 18 running, this is an independent 19 organization. We are not affiliated with 20 the Port Authority, we are not affiliated 21 with the FAA. We have the Port Authority, 22 they come to our meetings as advisors; the 23 FAA comes to our meetings as advisors, but 2.4 nobody on -- who's a member -- nobody who 25 is a member of the roundtable works for

_	
	Page 13
1	the Port Authority or at least they
2	shouldn't. If they do, they have a major
3	conflict and they should let us know about
4	it, but they shouldn't be working for the
5	Port Authority.
6	So we are now independent from the
7	Port Authority and the FAA. The Port
8	Authority does provide us with certain
9	support services, they help us with
10	printing needs because we don't have a way
11	to do those administrative tasks, they
12	help us secure a venue, and they help us
13	with the refreshments.
14	But I just want everybody to know
15	that we are an independent organization.
16	And with that, I'll turn it over to
17	Barbara.
18	CO-CHAIR BROWN: Thank you.
19	So it says on here minutes, but we
20	don't have minutes because at the last
21	meeting was not an official meeting
22	because we didn't have a quorum. I
23	believe there is a transcript for that
24	last meeting, and it's on it should be
25	on the web. So if you are interested in
1	

	Page 14
1	what happened at the last meeting was
2	when, Warren? In January?
3	CO-CHAIR WARREN: Yeah, it was.
4	CO-CHAIR BROWN: Yeah, it was in
5	January.
6	And we have four meetings a year.
7	So the roundtable meets in June, and we
8	should have met yesterday but there were
9	all sorts of things going on yesterday
10	which made us bounce it over to Thursday.
11	It turns out that there were all sorts of
12	things going on today, so we need to go
13	back to the drawing board.
14	But the NYCAR has a meeting the
15	fourth supposed to have a meeting the
16	fourth Wednesday in April, the fourth
17	Wednesday in January, and the fourth
18	Wednesday in October. So that's the
19	schedule.
20	JFK, I think we're pretty regular
21	in when we have meetings. We meet on the
22	first Monday of the months of December,
23	March, and June; and in September we meet
24	on the second Monday because the first
25	Monday is Labor Day.

	Page 15
1	And that's just to give you a
2	heads-up so you can put those dates on
3	your calendar. And we do try to get
4	timely notices out but if you put a dot or
5	something on the calendar, you'll know
6	when the meetings are coming up.
7	So we are at agenda item number
8	three: Understanding and using the
9	monthly noise reports.
10	Now I don't know if all offices
11	all of the elected officials get those
12	monthly reports and/or whether all the
13	community boards get those noise reports.
14	But we have started asking that and we're
15	trying to send out the reports to everyone
16	so that you can tell what the noise levels
17	were from the two airports, from LaGuardia
18	and from JFK, during the course of a
19	month. And they come out monthly. They
20	come out through Bill Huisman's office,
21	Aviation Development Council.
22	And so we thought that we would
23	have the Port 'cause they are developed
24	by the Port we thought we'd ask the
25	Port to give you a walkthrough or talk to

	Page 16
1	you about what those reports are, what
2	kinds of information you can gleam from
3	them, how you can use them. And if you
4	have questions after, you can raise those
5	questions.
6	And I believe that's Adeel Yousuf
7	coming forward to do the report. So Adeel
8	is from the Port Authority.
9	MR. YOUSUF: Good evening,
10	everyone. My name is Adeel Yousuf, I work
11	for the Authority Authority's noise
12	office, I'm manager there, and glad to be
13	here to walk you through the noise
14	complaints report we issue every month.
15	And as Barbara mentioned they go
16	to Bill Huisman for distribution, but now
17	we have them on our website also. So if
18	you go on Port Authority's aircraft noise
19	website, you'll see under "Reports," all
20	the reports are posted there.
21	So before I we go into report,
22	XiaoBo Lui is my colleague from the noise
23	office, he'll take you through the monthly
24	report.
25	But before we go through the

	Page 17
1	report, I want to give you some background
2	where we coming from and some basics and
3	some goals and objectives of the report.
4	So our prior to 2012, we had a
5	manual archaic-type system where people
6	used to call into a voicemail system and
7	leave a message, and then we had a
8	technician who would listen to voicemail,
9	type it up, and save it in a database,
10	very basic database. So that's how we
11	managed noise complaints before 2012.
12	And the report was pretty basic.
13	As you can see here, we just used to
14	report the city name where the complaint
15	came from, number of complaints from that
16	city, and year-to-date total complaint.
17	So it's pretty basic system, we couldn't
18	do much with it.
19	And after that in 2012 we got in a
20	contract with company named Plane Noise,
21	it's an aviation technology company.
22	So we worked with them, actually
23	this company only had one contract. Port
24	Authority worked with them very closely
25	and we pretty much designed a new noise
Í	

ſ		
		Page 18
	1	complaint management system from scratch.
	2	And with the Plane Noise system everything
	3	is on the cloud, so we have nothing
	4	on-site.
	5	The complaints come in through the
	6	hotline, the toll-free number which you
	7	can dial in; we have a web form on the
	8	website; and also receive complaints from
	9	third-party, at like airnoise.io.
	10	So all these complaints that come
	11	into the same database, and this system is
	12	used to relegate complaints, to reach out
	13	to the people, make notes when we make
	14	phone calls. Basically the entire
	15	management of the noise handling happens
	16	here, and also we do reporting from the
	17	same system. So it's like a turnkey
	18	system which has everything in it.
	19	So some objectives of the reports.
	20	So before we start doing these reports,
	21	that was probably in 2013, I believe, we
	22	had a brainstorming session with some of
	23	the stakeholders from FAA, Port Authority,
	24	internal/external people. And we got
	25	together and just decided or discussed

	Page 19
1	basically what should we report on.
2	So some of the feedback we got was
3	we have to keep the report very high level
4	so people aren't spending too much time
5	looking at it, give high-level summary.
6	Since we report for four airports that
7	means we have many communities involved,
8	so that's why we can't go into too much
9	detail. We keep everything at the high
10	level, give you a summary.
11	And the information is provided on
12	number of complaints we get. So every
13	single complainant that comes in through
14	any of the methods I mentioned before,
15	everything is reported in that report.
16	And on top of that we also report the
17	number of households we get complaint
18	from.
19	Location of households, their
20	locations are depicted on the map as we
21	show you in the report later. And we also
22	show you the historical trends. So you
23	can see the 13-month output of complaints,
24	how many complaints we had and they are
25	going up or going down and whatnot.

	Dama 20
	Page 20
1	As you can imagine we have very
2	wide range of stakeholders or audiences.
3	Obviously FAA is a big one, so this report
4	goes to FAA every month, some of the
5	managers there and Steve Jones is here
6	he's receives a report from us every
7	month; and Port Authority aviation
8	managers receive it; and some other
9	stakeholders internal; obviously elected
10	and public officials, Bill Huisman, he has
11	his own waiting list, he e-mails to all
12	the people on his list; and obviously
13	general public.
14	And as I mentioned before, the
15	report is already on the website if you're
16	interested, and I think we start posting
17	the reports from last year of November.
18	But this is not just to say that whatever
19	is in this report is available, this is
20	just a summary report which we do when we
21	have some limitation from the Plane Noise
22	system, we use their generic reports.
23	We've been working with Plane
24	Noise continuously to improve the data,
25	improve the statistics we provide, improve

	Page 21
1	the reports. On top of that, you can
2	always reach out to noise office if you
3	want to see any specific data for certain
4	area or anything you are looking for, you
5	can reach out to us and we'll be happy to
6	help you.
7	I think with that, I'll turn it
8	over to my colleague XiaoBo Lui who will
9	take you through the entire report from
10	beginning to end.
11	MR. LUI: Hi. Good evening. My
12	name is XiaoBo, I'm the aviation noise
13	specialist with the Port Authority. So
14	I'm glad to be here to talk about the
15	noise complaint report.
16	I'm going to use the latest
17	version of the noise report to talk about
18	the how and the why we produced this
19	report. And as Adeel had mentioned, we
20	the purpose of this report is to provide
21	the high-level summary information of the
22	noise complaints. So it is not an
23	individual detailed analysis, and because
24	of that in our report mostly we use the
25	figures and tables and the maps to present

	Page 22
1	those information.
2	So when we talk about the noise
3	and we think the distinct household is
4	really important information to look into
5	it, and that's why we use the two slides
6	to talk about the household information.
7	And this is the first slide to
8	show the number of household by airport.
9	As you can see here, the JFK has, for last
10	month, has the most household. And this
11	slide we think is really helpful to
12	provide the overview of the noise issues
13	at each airport.
14	And this is the second slide shows
15	the household information. And but
16	this slide goes one step further to show
17	the number of the household by airport and
18	also by the city.
19	So here we list the ten cities
20	because we actually we have all the number
21	of the household for each city, but
22	because the space so we just list the ten
23	cities. And we think that these
24	information is really helpful for people,
25	especially for the public, because it goes

	Page 23
1	to the neighborhood levels. And it shows
2	you which neighborhood has the most noise
3	issues and people concerns about it.
4	So in addition to the household
5	information, and we think the number of
6	complaints is equally important, and
7	that's why we use we're trying to use
8	these slides to show the number of the
9	
10	complaints by airport.
11	So as you can see here LaGuardia
	has the most complaints for last month.
12	Sometimes LaGuardia has most complaints.
13	Sometimes JFK has more complaints than
14	LaGuardia, it depends different flight
15	configurations.
16	And also we provide you the number
17	of the complaints from the top ten
18	household, it is just another statistic to
19	show the distribution of the number of the
20	complaints. So and there's we just
21	recently did the made some change about
22	the report.
23	So basically we are assigned the
24	colors, specific colors, to each airport
25	that we use the red for the JFK, we use

Page 24 1 the blue for LaGuardia, and we used pink 2 for Newark, and this is consistently in 3 the report so people easy to read through this report. 5 And so we just give you all this 6 information for just the one month's data, 7 and we think it's not good enough to -when you talk about the complaints, if you just look at one month's data it's not 10 good enough 'cause it wouldn't give you 11 the whole picture of noise complaints. 12 So this slide we used to provide 13 you the number of the complaints for the 14 past 13 months, and as you can see here --15 and also we use a different color for 16 different airport, like the red for JFK, 17 blue for LaGuardia, and so forth. 18 And so from this figure, you 19 basically can see two trends. And the one 20 is the trend of the total complaints for 21 all airports. And also we can see another 22 trend is the complaints for each one 23 individual airports. And usually summer 2.4 we tend to have more complaints in summer 25 and less complaints in the winter. So

	Page 25
1	very obvious reason is people tend to stay
2	outside in the summer and people tend to
3	stay inside with doors and windows closed
4	in the winter.
5	And this is the second part of
6	this report, it is about the complaints
7	from the third-party apps. So we want to
8	treat the third-party apps and the Plane
9	Noise system complaints equally, and
10	that's why we use the same figures to
11	present the same type of information for
12	both of them.
13	Similar to the Plane Noise
14	complaints, we use these table to show the
15	number of the household by airport for the
16	third-party apps. So as you can see, May
17	Roslyn has the most household of
18	complaints by third-party apps for JFK.
19	And also similar to the Plane
20	Noise complaints, we think it's also
21	important to show you the number of the
22	complaints by airport. As you can see
23	here, the JFK has almost 30,000 complaints
24	for one months last month.
25	So we have presented to you the

	Page 26
1	number of the complaints and the number of
2	the household for each individual source,
3	Plane Noise and third-party apps. And so
4	we think it is very helpful to show you
5	the comparisons between those two
6	different sources. And this table list
7	all the total number of the complaints and
8	number of the household for each
9	individual source for the past 13 months.
10	And we think it is really helpful
11	to give you a quick look to see which
12	sources a dominant source. And if you
13	look at the bottom row of this table for
14	the May 2019, so we have around 5,000
15	complaints from the Plane Noise systems
16	and we have more than 31,000 complaints
17	from the third-party apps. And the
18	third-party apps complaints is about six
19	times of the Plane Noise system
20	complainants. But they come from just 115
21	households, which is just one-fifth of the
22	Plane Noise household.
23	And so we have look at the
24	individual source, but this table shows
25	you the number of the complaints for both

	Page 27
1	source combined. And if you look at, so
2	we list the number of the complaints for
3	each source and also the total for the
4	past 13 months and for each airport too.
5	So this table, I think, gives us
6	the most information than the other tables
7	because you can actively see the number
8	the change of the number of the complaints
9	for different source and for different
10	airport too. If you want, you also can
11	check the rate of the change for different
12	source.
13	This is the last part of this
14	report, and we think people might find
15	interesting about the location of the
16	household where they are, where they are
17	located. So we think we use the map to
18	show those locations, those household.
19	On this map, the tiny little red
20	circles that represent each one of them
21	represent one household. And we also on
22	this map also provide to you the distance
23	rings, start from five miles to ten miles,
24	15 miles, go beyond. And the distance
25	really helps you to find out how far those

	Page 28
1	complaints are away from the airport. And
2	also we put some name of the towns as a
3	reference point so you can make help
4	you easily locate yourself, where you are.
5	And this is the LaGuardia map. As
6	I said, we always use the blue for
7	LaGuardia. And this is the Newark map, we
8	use the pink for the Newark. As you can
9	see, Newark doesn't have too much
10	household complaints.
11	Here's just some useful
12	information. I think most of you probably
13	know the web, but we just developed the
14	noise office webpage. There's lots of
15	information on this webpage, like Noise
16	101, if you log in you can check the
17	information might be really helpful.
18	That's all, thanks.
19	CO-CHAIR WARREN: I have a
20	question then.
21	Just for a second let's take away
22	the third-party complaints, okay, not that
23	they are unimportant, but take them out of
24	the equation for a minute.
25	So you said that there were JFK
1	

ſ		
		Page 29
	1	impacted the most households but LaGuardia
	2	had the most complaints. What do you
	3	attribute that to? Is it because the
	4	density of the communities under LaGuardia
	5	or?
	6	MR. LUI: So sometimes the people
	7	file multiple complaints. So even the one
	8	household from each airport, but some
	9	households make 100 or 200 complaints per
	10	months. And JFK maybe they just file one
	11	or two, a couple complaints per month.
	12	That's why even LaGuardia has more
	13	household than the JFK, but the total
	14	number of the complaints for JFK is higher
	15	because people maybe file multiple
	16	complaints.
	17	CO-CHAIR BROWN: So we're going to
	18	take questions from the floor. So I don't
	19	know where and while Bill is coming
	20	forward, I'm going to ask a question and
	21	I'm going to make a comment.
	22	All this data that you have
	23	collected, what do you do with it?
	24	Because it's interesting to see where the
	25	complaints are and so forth, but what's

	Page 30
1	done with it?
2	And the second question: You
3	mentioned that the stats show which
4	neighborhoods have the most noise issues,
5	and I'm just going to make a statement
6	about that because I don't think that
7	that's an accurate conclusion.
8	There are all kinds of reasons why
9	people may not call in a complaint or file
10	a complaint; for instance, where I am,
11	ground zero in Brookville, I know a lot of
12	people have serious complaints but they
13	are not on that map because people we
14	know because I keep talking to people
15	about filing their complaints.
16	So you don't get the complaints,
17	we get the complaints at all kinds of
18	meetings. So don't draw the conclusion
19	that people close in are not bothered by
20	the noise.
21	So what do you do with all that
22	information?
23	MR. YOUSUF: So as I mentioned
24	before, we could as an airport sponsor, we
25	are responsible for collecting all these

	Page 31
1	complaints and managing the system and
2	managing the complaints.
3	And once we have this report, we
4	send it to FAA and internally Port
5	Authority stakeholders. And our goal is
6	to provide this data to decision-makers
7	for whatever they want to do.
8	But as a noise office we have no
9	control on changing the air routes or air
10	space management, it's up to FAA. Our
11	goal is to have good input to data, good
12	output in the reports, and provide
13	information to the decision-makers to come
14	and make a decision to solve the problem.
15	MR. HUISMAN: Just as a matter of
16	housekeeping, did everybody sign in who's
17	present? This way we can make sure we
18	don't have a quorum yet, but that's the
19	only reason I mentioned. If you haven't
20	signed in, please do so.
21	Questions, I think David (sic) had
22	a question.
23	MR. GRAHAM: Hi. Dennis Graham.
24	Some people argued that collecting
25	the household data is a way for to

г		
		Page 32
	1	attenuate the data.
	2	So like you said it, I've been to
	3	other meetings and the airport committees
	4	in other cities, they all say there were
	5	30,000 reports but they came from 200
	6	houses. And I just think that's just an
	7	arbitrary thing.
	8	My own feeling is a report should
	9	be a report, a dot on the map should be a
	10	dot on the map. And I think it's a tool
	11	that you guys use to maybe understand the
	12	data better, but I think it doesn't help
	13	the community when people have households
	14	and people bring up the point that 200
	15	households make up thousands of reports.
	16	MS. BOYCE-CHARLES: I think that
	17	this is very interesting information, I
	18	thank you for it.
	19	My thinking around this is that
	20	the facts are the facts and there are
	21	people who are living in areas where there
	22	are very high levels of noise. And they
	23	may not be complaining by making phone
	24	calls or e-mailing their concerns because
	25	many of them don't think there's any point

	Page 33
1	to that. Many of them feel like they are
2	powerless to do anything about that.
3	And so you're not getting
4	complaints from them, instead they are
5	putting up for sale signs on their homes.
6	A recent New York Times article shows that
7	people who live in some of the areas where
8	there's the highest noise levels from
9	aircraft are those areas where they are
10	having the most real estate listings.
11	The value of people's homes is
12	being impacted by the noise, their health
13	is being impacted by the noise, and their
14	quality of life is being impacted by the
15	noise.
16	So you may not get the complaints
17	but the reality is the reality. If you
18	live somewhere where there's 65 DNL or 70
19	DNL, there's an impact on you and you live
20	there and you know that; you're not
21	complaining, you're getting out and some
22	of other poor person is coming in and
23	taking your place and living that hell.
24	So I just want to point that out
25	for everybody's consideration. When they

	Page 34
1	say, Oh, people in Brookville 'cause
2	Brookville has the highest number of
3	listings. That they don't complain I
4	think let's think about it that way.
5	SENATOR BRAUNSTEIN: In looking at
6	the numbers it seems that in May 2019
7	there was a significant uptick in noise
8	complaints. In 2019, if you look at the
9	charts, it looked like there was a
10	significant uptick in noise complaints.
11	Is there a reason for that?
12	MR. YOUSUF: Because the JFK
13	closure, we saw a lot of complaints for
14	JFK. And FAA used 13 departures a lot.
15	We also do a monthly runway use
16	reports, which is all on the website. So
17	if you see the main report which is
18	already sent out to Bill, there was a lot
19	of 13 departures for LaGuardia. So that's
20	why we had a lot of complaints from
21	Bayside and neighboring area.
22	SENATOR BRAUNSTEIN: So last time
23	we had just the LaGuardia roundtable
24	meeting, I brought that up. It seems that
25	the Port Authority is not doing a good

	Page 35
1	enough job communicating to the public
2	that the recent uptick in noise is because
3	of the closures at JFK, and that it's
4	expected to end or abate a little bit in
5	November.
6	So people are complaining, people
7	are upset, and no one is going the Port
8	Authority is not out there with public
9	statements saying, Look it's a temporary
10	thing, we expect it's going to end when
11	the construction is done in November.
12	So that's my frustration as an
13	elected official whose constituents
14	complain to us, we expect more
15	communication from the Port Authority and
16	it's it's not sufficient.
17	MR. YOUSUF: We do have some
18	information on our website, but people
19	probably not using it. But we do have a
20	section on runway closure. So if you go
21	on the WebTrack website, it shows the
22	flight activity. We have announcements on
23	runway closure. And then on top, on our
24	main noise office webpage, we have a
25	dedicated webpage for runway closure for
I	

	Page 36
1	JFK.
2	MR. BRAUNSTEIN: I know you deal
3	with the noise complaints, but someone who
4	deals with public relations, we need
5	something concrete, something that we can
6	like a press release or something that we
7	can point our constituents to because if
8	they don't see that they think this is
9	just going to continue or it's an effort
10	to see let's see if we can get away with
11	this, as long as we closing the runway at
12	JFK, let's see if we don't make a promise
13	that we're going to fix it in November,
14	let's see if we can continue doing this
15	and just wear people down.
16	So I asked for that statement last
17	meeting in the LaGuardia roundtable
18	meeting and I don't even see any public
19	relations people here from the Port
20	Authority.
21	MR. YOUSUF: I think we have
22	someone here, Stacey Gilbert.
23	MS. GILBERT: I think I came in
24	after you had spoken, so I apologize.
25	SENATOR BRAUNSTEIN: That's what

	Page 37
1	we're asking for is something concrete,
2	something written that we can show our
3	constituents to put everyone at ease that
4	this is a temporary thing, 'cause you look
5	at the complaints they spike in May and
6	nobody is aware that it's a temporary
7	thing.
8	MR. DUNLEAVY: So
9	CO-CHAIR BROWN: I just ask you to
10	state your name because the stenographer
11	is trying to take notes here.
12	MR. DUNLEAVY: Conner Dunleavy.
13	So on the third-party apps there
14	were 31,000 reports, I believe it was,
15	from JFK; that's about 270 and it's
16	from 115 household that's about 270
17	reports per household. Obviously those
18	people are being very severely impacted to
19	the point where if they weren't being
20	impacted by it, they wouldn't be reporting
21	it.
22	So if you've got 270 reports
23	coming in from one household, does the
24	Port Authority, the noise complaint
25	office, has anyone called them? Does

	Page 38
1	anyone follow up with them to tell them
2	what's going on? To let them know you
3	received their reports? 'Cause I've got
4	people who call my office I had one
5	gentleman call my office, he reported
6	something 12,000 times because every plane
7	that was flying over his house for a year,
8	he reported 12,000 times and nobody ever
9	got back to him. Nobody called him and
10	said this is what's going on. Nobody even
11	told them that they received his reports.
12	So is anyone from your office
13	following up with people?
14	MR. YOUSUF: So since we have so
15	many complaints, our first priority is to
16	reach out to people who call in using the
17	toll-free number.
18	So once we have a new caller or
19	new household calling into the system, we
20	reach out to them within five business
21	days. We call them, educate them, and
22	address the issues they have seen or they
23	have heard about the noise. And there
24	could be some followups after that, and
25	But for the second time
1	

	Page 39
1	complainants who are filing complains on a
2	regular basis, we each out to them every
3	45 days. That's just to manage the
4	workload.
5	So we have two separate people in
6	the noise office; one person is just
7	dedicated to reach out to the first-time
8	callers and then another person, XiaoBo
9	actually, reaches out to the second-time
10	callers.
11	So that's our first priority. And
12	for the web form complaints, it's
13	case-by-case basis. We read most of the
14	complaints and if we see there's a
15	question being asked or a specific issue
16	being raised, like somebody is requesting
17	a noise monitor or they want to request a
18	flight track, then they reach out to them
19	and engage with them.
20	Since we get so many we can't go
21	through every single complaint.
22	MS. KELLER: I'm saying this is
23	important, he said 12,000 times this man
24	made a complaint. So would you say that
25	would take the information again now that
1	

	Page 40
1	you're here from him?
2	MR. YOUSUF: For the air noise
3	app, it's case-by-case basis, we're not
4	going to reach out to everyone. That's
5	how it's managed right now.
6	MS. BECCE: Adeel, you mentioned
7	that Port Authority provides the
8	information to decision-makers. Are you
9	referring to the FAA? Who are the
10	decision-makers?
11	MR. YOUSUF: It's a list which
12	Bill sends out. I send it to FAA and then
13	Bill has his own list, it goes to elected
14	officials.
15	MS. BECCE: One of your slides had
16	a percentage of complaints by city. I
17	don't know if you can by town, I'm
18	sorry. It's the one that has Flushing, I
19	think it's the one before this one.
20	So I'm speaking about the middle
21	column, Flushing, and you have East
22	Elmhurst down below Jackson Heights, I'm
23	sorry.
24	So Jackson Heights, in my opinion,
25	is right adjacent to LaGuardia Airport,

	Page 41
1	and Flushing the percentage of
2	complaints in Flushing, which is not next
3	to the runway at LaGuardia Airport. So
4	something like that should be a red flag
5	to someone that there's obviously the
6	noise corridor, there's something going
7	on.
8	MR. YOUSUF: I think this is
9	runway usage. So when they are departing
10	on runway 13, they fly over Flushing and
11	they use a lot of runway 13 in May.
12	And Jackson Heights get departures
13	only when they depart on 22, but that's
14	not often, it's only
15	MR. LUI: For the LaGuardia, the
16	runway 13 is the primary departure, so
17	most of the departure they use the runway
18	13. And the 22 runway is not a primary
19	departure runway and that's why they have
20	less overflight above these communities,
21	so Jackson heights.
22	CO-CHAIR BROWN: But it could also
23	be the demographic. There are all kinds
24	of reasons why there might be more reports
25	for a city

	Page 42
1	MR. JOSEPH: Joshua, I'm here from
2	Assemblywoman Solages' office.
3	So my question is regarding, I
4	know that you can make a complaint to both
5	the Port Authority and the FAA, I don't
6	know if anyone has asked this before but
7	is there any coordination with regards to
8	the communication between the two
9	agencies?
10	I'm just wondering if the two
11	agencies are coordinating and
12	communicating in regard to the complaints
13	that they are receiving to kind of
14	cross-reference them and see where the
15	target areas are that they could make more
16	improvements on?
17	MR. YOUSUF: So for the monthly
18	reports, we don't really coordinate on
19	monthly basis. But for certain responses,
20	like responding to a noise complaint
21	letter, we do have some kind of
22	communication or collaboration, we've done
23	that in the past.
24	But for the system, it's Plane
25	Noise system is Port Authority system. So
1	

	Page 43
1	everything that comes in it comes to us
2	as
3	MR. JOSEPH: I understand that,
4	but obviously the two agencies work in
5	tandem. So I'm just kind of wondering why
6	aren't they cooperating more to ensure
7	that you get more accurate information,
8	'cause you could have much higher numbers
9	of complaints if you combined the both of
10	them.
11	MR. YOUSUF: One of the reasons
12	FAA, they don't have dedicated phone
13	number or web form to file.
14	MR. JONES: Steve Jones from FAA.
15	The question I think you asked was about
16	collaboration between the Port Authority
17	and FAA. As far as when it comes to noise
18	complaints, there is some collaboration.
19	As Adeel said, there are times when
20	there's information that the FAA will need
21	to respond to a noise complaint or the
22	Port Authority would need something and
23	they'll ask us for the information.
24	As far as a consistent
25	collaboration, like you stated, they have

	Page 44
1	a separate system. The FAA has a separate
2	internal system. We do have a noise
3	complaint line out of our Washington
4	headquarters.
5	MR. JOSEPH: Is it difficult to
6	integrate those systems?
7	MR. JONES: I mean, truthfully, I
8	think it would be difficult to integrate
9	because we are two separate entities. The
10	Port Authority is we're federal
11	government, they are kind of
12	quasi-government, so it would be a little
13	difficult. But that's why we have the
14	little collaboration between the two
15	agencies to see if we can address any of
16	the issues and try to come up with
17	responses or anything like that.
18	MS. ROBERTS-SEMPLE: My question
19	is in reference to the maps. A couple of
20	the maps you showed with the spacial
21	distribution of the noise complaints.
22	There is another one after this,
23	but I notice that the patterns seem
24	somewhat linear. I'm wondering if they
25	correspond to flight paths and if that's

	Page 45
1	information you can use to mitigate the
2	noise?
3	MR. YOUSUF: Yeah. So you can see
4	some patterns here. So this big blob
5	here, that's Flushing and Bayside area.
6	So that's the 13 departure. We have a lot
7	of departures that month. You see a lot
8	of complaints in this area.
9	This is Jackson Heights area.
10	This is 22 departures. Usually they do it
11	on weekends when they have runway closure
12	on 13, 31. And these are arrivals to
13	runway 4, they go like this, and some of
14	the these also 13 departures here and
15	here.
16	So there's a pattern, obviously
17	you can see based on the flight tracks.
18	MR. TAYLOR: Frank Taylor, citizen
19	member. I have a dual question.
20	First question is: East Elmhurst
21	is not even in your chart and the airport
22	LaGuardia is located in East Elmhurst.
23	How can that be?
24	Second question is: Because of
25	these complaints, does any activity stop?

	Page 46
1	Is there any penalty? Is there any fine?
2	Is there anything that goes on to deter
3	this type of behavior by the airport?
4	MR. YOUSUF: So the first
5	question, East Elmhurst maybe there was no
6	complaint this month.
7	MR. TAYLOR: That's impossible.
8	MR. YOUSUF: We report what we get
9	in our system.
10	MR. LUI: We just there's no
11	complaints on the map or there's no
12	complaints in the on the chart?
13	MR. TAYLOR: This chart right
14	here?
15	MR. LUI: The chart we only list
16	the top ten, so probably the city is not
17	the top ten.
18	MR. TAYLOR: What is the last
19	complaint there? What is your number
20	there?
21	MR. LUI: Six.
22	MR. TAYLOR: We have a lot more
23	than six on a daily basis.
24	MR. HUISMAN: Frank, maybe they
25	are not using the Port Authority complaint
I	

	Page 47
1	line using the Plane Noise system it's
2	possible.
3	MR. TAYLOR: That's might be
4	possible, I doubt that, but I don't see
5	how East Elmhurst can't be there.
6	Can you please answer the second
7	part of the question though?
8	MR. LUI: What is the second part?
9	MR. HUISMAN: The second part was
10	penalties.
11	MR. LUI: We don't have for
12	LaGuardia but we do have
13	MR. YOUSUF: For complaints, there
14	are no penalties.
15	MR. LUI: For all the airports.
16	MR. TAYLOR: So there's nothing to
17	deter these activities?
18	MR. LUI: But for JFK we have the
19	violation. That's a separate, not a for
20	complaints, but for the flight. So
21	CO-CHAIR BROWN: I would
22	suggest
23	MS. MILLER: I live in New Hyde
24	Park and my friend Andrew also is in New
25	Hyde Park, we're at the top over there.
I	

	Page 48
1	It is excruciating what's being
2	done about the middle of the night
3	situation. I mean, I can't get sleep,
4	blood pressure, all these things that can
5	be health issues. Pollution that's being
6	dropped. I mean, I'm an outdoorsy person,
7	I can't even take a walk in peace anymore.
8	I don't even want to go outside in the
9	summer months.
10	I've lived here almost my whole
11	lift, never had a problem like this until
12	a year ago. Can they do something about
13	making it higher in the sky? They were
14	never this low, can I see the details on
15	the planes?
16	CO-CHAIR BROWN: That is another
17	discussion, they are giving a report on
18	the noise reports. So that's another
19	whole discussion of what can be done.
20	MS. MILLER: That's what I came
21	for.
22	CO-CHAIR BROWN: I know, we didn't
23	get to that point.
24	MS. MILLER: My house shakes it's
25	like
I	

	Page 49
1	MR. HUISMAN: When we reach that
2	subject, we will take your question.
3	CO-CHAIR BROWN: Okay.
4	Warren is going to make a comment
5	and then we're going to move on to the
6	next part.
7	But I would suggest that you not
8	just take the top report on the top ten
9	cities because I was curious when I saw
10	the report initially, I said, Well what
11	happened to Brookville? Because I know if
12	nobody else called in a report, I called
13	in a report, and I didn't see myself up
14	here in the stats.
15	So for all of those communities
16	where you don't have a demographic that
17	calls in, you need to at least show the
18	one or two that came through. And so
19	don't just end at the top ten because it
20	gives a skewed impression of who is
21	getting impacted.
22	CO-CHAIR WARREN: Just a comment.
23	I just thank you for putting
24	together the noise reports. And we
25	understand that you don't create the
1	

	Page 50
1	noise, but there are other airports where
2	the operators of the airports they
3	actually make requests to the FAA that
4	they modify some of their flight patterns
5	and they report it to the press so that
6	everybody knows it.
7	I think most recently we've
8	reported that the operators of San
9	Francisco Airport, they had requested that
10	the FAA modify some flight paths to take
11	them away from residential areas. And to
12	the best of my knowledge the Port
13	Authority has never, ever made that
14	request of the FAA; and if they have, it's
15	never been publicized, nobody knows about
16	it.
17	And is there a reason why the FAA
18	why the Port Authority can't do that,
19	make a request to the FAA to modify some
20	flight paths?
21	MR. YOUSUF: My response to that
22	would be since we operate in this air
23	space, where four airports are right next
24	to each other, we have 4,000 flights per
25	day for four airports. But if you look at
i i	

	Page 51
	airports like Portland, Seattle, San
	Francisco, they don't have as much traffic
	as we have.
	So I think maybe next time I can
	show you the flight track image. If you
	log all the flight tracks for just one day
	on the map, you don't see the map, the
	entire screen would be covered in flight
	tracks. And this is only for Port
1	Authority airports, and then you have
1	small airports.
1:	So basically what my response is,
1	is that the air space is so much complex,
1	like even if Port Authority make a request
1.	to shift flights a little here and there,
1	you always end up over some community or
1	some people. That's, in a nutshell, my
1	response.
1	CO-CHAIR BROWN: And thank you
2	very much for giving people a good picture
2	of what the noise office is collecting.
2	MR. ZHAO: I have a really quick
2	question for these guys.
2	Is the raw data for these reports
2.	available? Can I just ask for it this,

	Page 52
1	like, the whole report set and do my own
2	sort of like if I want to go in Excel and
3	do my own pivots and figure out questions
4	like, What's the count of complaints done
5	in East Elmhurst? What's the count of
6	complaints in this area?
7	MR. YOUSUF: You can reach out to
8	us, we'll give you the data.
9	There was an e-mail address, I
10	think noiseoffice@panynj.gov. If you just
11	reach out to us, we will provide you with
12	it.
13	CO-CHAIR BROWN: Okay.
14	So our next agenda item is the
15	Port Authority's update on the Part 150
16	studies.
17	Warren mentioned to you earlier
18	that that was the second thing that the
19	governor ordered, that there be Part 150
20	studies or noise compatibility studies for
21	the four airports.
22	So as far as we're concerned,
23	we're looking at LaGuardia and JFK. And
24	those reports, they started preparing
25	those reports back in 2015, the first TAC

	Page 53
1	meeting was in June of 2015. And I
2	remember when we were told about the
3	timetable for the process, it was said
4	that it was going to take three years to
5	complete the noise study.
6	And so it's now June of 2019, we
7	haven't had a TAC meeting because some of
8	us sit on the TAC. We haven't had a TAC
9	meeting since June of 2018, and a lot of
10	people have been asking, Well what
11	happened to the TAC?
12	And so that's an essential
13	question, I'm not sure, Nick, you're going
14	to field this stuff? So we haven't had a
15	meeting for it yet, and we want to know
16	where all of this is because last I know
17	we weren't even halfway through and so
18	much for three years.
19	Nick, you're on.
20	MR. DMYTRYSZYN: Good evening. I
21	think first, just briefly, just to kind of
22	give an overview 'cause there is a number
23	of people that may not know much about the
24	Part 150 in general. So if you can't hear
25	me, please, I'll put this as close to my
1	

	Page 54
1	mouth as I can. Hopefully everybody can
2	hear me back there, I can speak louder
3	also.
4	In the fall and winter of 2014,
5	the Port Authority was charged with
6	undertaking, at the same time, four unique
7	FAA Part 150 studies at four individual
8	airports. And in perspective that's
9	LaGuardia, Kennedy, Newark, and Teterboro.
10	No other U.S. airport has ever had to do
11	four simultaneous Part 150 studies at the
12	same time.
13	Part of that undertaking that has
14	been completed up to date is:
15	There have been 32 Technical
16	Advisory Committee meetings; there have
17	been briefings with community roundtables;
18	meetings with the FAA on technical staff
19	issues, noise abatement issues, land use
20	zoning agencies that cover probably over a
21	dozen political and municipal
22	jurisdictions; there were eight noise
23	exposure maps that were produced, they are
24	in the noise exposure map reports that are
25	online to show you what was.

	Page 55
1	The Part 150 is a two-volume
2	entity. Volume one of part one is the
3	noise exposure map, and part two is the
4	noise compatibility program.
5	All of the noise exposure maps
6	have already been completed to date for
7	all those four airports.
8	In addition to that, there were 14
9	public workshops in connection with all
10	the Part 150 work done for all four
11	airports.
12	Part of the noise compatibility
13	program after the noise exposure map is to
14	start looking at things such as noise
15	mitigation strategies, having the
16	information come from public workshops
17	from the technical advisory committees.
18	To, again, put it into
19	perspective, all told over almost 180
20	noise mitigation strategies were proposed
21	by all the Technical Advisory Committee
22	meetings and through others, not just the
23	committees, any time there were a public
24	workshop, public scenarios, that's where
25	the public had the opportunity for the

	Page 56
1	input.
2	Just for Kennedy and LaGuardia
3	Airport, 'cause I know that's what, as
4	Barbara mentioned, that's what the concern
5	is here. There were 133 noise abatement
6	measures that were proposed; there were 74
7	for LaGuardia and 59 for JFK.
8	The Port Authority made a
9	commitment that they would consider each
10	of the 133 proposals, even those that do
11	not fit the parameters of the Part 150
12	regulations because the Port Authority
13	made the decision that they would look at
14	that.
15	Now what does look into that? I'm
16	not the project manager, as both Warren
17	and Barbara know, for the Part 150 for
18	LaGuardia and for Kennedy Airport. What I
19	can tell you is that I've been part of
20	those meetings. I'm a professional
21	licensed environmental engineer, so I was
22	included in quite a number of the
23	meetings, discussions meeting with the
24	Adeel.
25	And what amazed me the most, the

	Page 57
1	fact is, since I had never been exposed to
2	this before, is that every time there's a
3	measure that's being proposed, it's not
4	just an intellectual discussion. This
5	requires discussions with the technical
6	people at FAA, be it at headquarters,
7	Traycon, with any other scenarios, plus
8	the consultants have to do modeling, plus
9	they have to do this.
10	So you can just imagine in your
11	mind just the technical output and the
12	analysis that has to occur to determine
13	whether or not just because a proposal was
14	made, you just discount you just don't
15	discount it off because that's a crazy
16	scenario, it is has to be evaluated.
17	And when the draft noise
18	compatibility program report comes out,
19	each of those measures that were proposed,
20	there will be an explanation as to whether
21	or not something was accepted,
22	recommended, not recommended, and why; all
23	of that is explained in there.
24	So in terms of timeline, yes,
25	there has been a delay in getting to this

	Page 58
1	last part of the draft noise compatibility
2	program. There was a notice that was sent
3	out to the Technical Advisory Committee
4	members in May that hopefully and again
5	this could be sometime this summer which
6	is why I'm kind of reading from two
7	different kind of things right now 'cause
8	there were some meetings that occurred
9	today this afternoon and yesterday in
10	terms of hopefully getting out information
11	as to the potential for having a Technical
12	Advisory Committee meeting this summer, in
13	which the information that has been put
14	together in a report that is to be
15	submitted to the FAA for preliminary
16	review would be accomplished.
17	And just to give you an idea as to
18	sequence of that, so that there is no
19	misunderstanding of how this document then
20	progresses through in a public manner.
21	Once the FAA has their cursory review, it
22	then goes out to the public for review and
23	comment. There are public hearings, there
24	are public workshops, comments are taken,
25	comments are then incorporated, reviewed,

	Daga E0
	Page 59
1	evaluated into the noise compatibility
2	program report. The report is
3	quote/unquote finalized and it is then
4	and everything that has been submitted as
5	a comment has to be noted, discussed, and
6	explained why something was or was not
7	accepted, rejected as a particular kind of
8	comment.
9	No different for those of you who
10	are familiar with an EIS when you go to a
11	public hearing and you say $X$ , $Y$ , and $Z$ and
12	they answer A, B, and C, et cetera.
13	So all of that is in a particular
14	timeline. You can look at the schedule
15	that has been delayed that is online for
16	the noise compatibility program. But to
17	date, just to let you know is that they
18	are anticipating I don't have a date,
19	it was not given to me, there was no
20	month, no week, et cetera, going through
21	but that is hopefully relatively soon,
22	that is going to be completed so that then
23	public process, the review, doing with the
24	TAC members, understanding that, going
25	through the measures, what was accepted

	Page 60
1	and not accepted, is going to be going
2	through.
3	That's about all that I can say at
4	this point. So I don't know if I answered
5	Barbara's question, I think I did, maybe
6	not. But I just figured at a minimum it
7	was important to have an understanding of
8	a global perspective what the Part 150s
9	are all about, what's been done, the
10	number of the volume, how the measures
11	are; noise exposure maps was part one,
12	part two is noise compatibility program.
13	How you're going to be able to use that
14	comments, evaluations. Nothing is
15	rejected without an explanation. Nothing
16	is accepted without an explanation, and
17	there has been a lot of technical work
18	between computer modeling, FAA, Traycon,
19	towers, pilots, airlines, et cetera, so
20	that all this information can be presented
21	in a readable kind of manner.
22	And now if there are any
23	questions.
24	CO-CHAIR WARREN: I just have a
25	comment.
1	

	Davis (1
	Page 61
1	So our concern has been, and I am
2	a member of the Technical Advisory
3	Committee, and we feel that we've suddenly
4	been left out of the process. Say, the
5	last time there was a meeting was a year
6	ago.
7	And our concern all along has
8	been, Well what's going on behind closed
9	doors? There was supposed to be some
10	transparency to this process. And maybe
11	when you go back and you speak to some of
12	people who are in charge, speak to Kelly
13	Mitchell, and let her know that I
14	expressed that I think that there should
15	be more transparency and the TAC members
16	should have been more involved.
17	MR. DMYTRYSZYN: Well to kind of
18	sort of answer that question, I really
19	hate there are different ways of
20	answering that, I don't want to sound like
21	a bureaucrat, 'cause I'm not, but the
22	scenario is after a certain point in which
23	if the work is still being evaluated,
24	written upon, et cetera, that information
25	is in a gathering finalization stage.

	Page 62
1	
1	At a minimum, no document has been
2	submitted to the FAA. There is nothing
3	that is I mean, in terms of
4	transparency, we can say nothing new has
5	happened. I don't have a problem saying
6	that, but the commitment was made publicly
7	through the Technical Advisory Committee
8	set up that the TAC would be apprised as
9	things were being developed.
10	I hate to say that no news is good
11	news or the fact that it has taken almost
12	at this point 12 months since the last
13	meeting. But seeing what has been done
14	for the way the evaluations for these
15	measures, which I found almost
16	incomprehensible from a computer and
17	analytical standpoint, I can I understand
18	why, given the complexity of this air
19	space, it has taken 12 months to get to a
20	point in which it can be kind of I
21	don't want to say dumbed down 'cause the
22	report is not dumbed down but to have
23	everybody understand that if person X made
24	this suggestion, that it has not
25	disappeared from anything, it's there,

	Page 63
1	it's discussed and evaluated. And you can
2	imagine just with the two airports, 133 of
3	these measures.
4	So if one needs to have a repeat
5	of that, I can quote/unquote technically
6	apologize for the lack of saying this, but
7	in terms of transparency I would like to
8	think that there is an understanding that
9	no final decisions have been made on
10	anything in which the public is not going
11	to have an opportunity to review and
12	comment.
13	MR. CONNOR: I have been to the
14	LaGuardia TAC meetings and the JFK TAC
15	meetings, and out of the 133
16	recommendations, 74 for LaGuardia and 59
17	for JFK, I'd have to and this is the
18	answer that they give when they reject it.
19	And I'd have to say about 85 percent of
20	this 133 have been rejected.
21	And their answer is: "Due to the
22	complexity of the air space, this measure
23	has been declined. Rejected."
24	So they don't really tell. And I
25	do understand that we have the most

	Page 64
1	complex air space between LaGuardia, JFK,
2	Teterboro, Newark, but can you find
3	somebody that can answer exactly how many
4	proposals are still existing for JFK out
5	of the 59 and out of the 74 LaGuardia
6	because it's I've seen it, it's just
7	they put red, it says, Due to the
8	complexity, this is not going to work.
9	MR. DMYTRYSZYN: But what you will
10	see in the NCP draft is an explanation as
11	to why something was or was not accepted
12	and rejected. It will not just have that
13	one sentence.
14	MR. CONNOR: So how many out of
15	the 133
16	MR. DMYTRYSZYN: I don't know,
17	sir, because I'm again, I'm not the
18	project manager so I don't know to what
19	it's vetted and whittled down to.
20	MR. CONNOR: So by the next one
21	can we have an answer, in September when
22	we have the next roundtable?
23	MR. DMYTRYSZYN: Well this is a
24	very public place so I can't say I hope
25	there is a TAC meeting before then, even

	Page 65
1	•
1	though I just said it, but I would like to
2	think that at a minimum that if there is a
3	TAC meeting before September, hopefully a
4	lot of the kind of questions and concerns
5	that you have would you be able to be
6	directed in a fashion that when you have a
7	TAC meeting, you can then have some kind
8	of a more elaborate answer than what I'm
9	providing.
10	MR. HUISMAN: Just so you know,
11	Andrew Brooks, who is the specialist from
12	the FAA, is not here unfortunately tonight
13	but we're going to take that
14	Andrew Brooks, I'm explaining,
15	from the FAA who is the expert subject
16	matter expert on the TAC for this area
17	couldn't be here tonight but we're going
18	to take Justin's question back to Andrew
19	and get a response for Justin, okay? And
20	for the rest of the group.
21	CO-CHAIR BROWN: Just to piggyback
22	on what Justin said, it was my impression
23	from the last TAC meeting or last two TAC
24	meetings that most of those proposals had
25	been rejected. I thought they had pretty

	Page 66
1	much whittled down to very few. So I'm
2	puzzled that they have taken a year to
3	just look at those few.
4	MR. DMYTRYSZYN: Again, all I can
5	say is as the measures were being analyzed
6	one by one, it was not just simply
7	somebody's personal opinion technical
8	understanding, it did go through an
9	analysis.
10	And if FAA, for example, said from
11	the get-go, this is not I don't know
12	how that's being explained, but all I know
13	is that from what I've seen, there are
14	things that are written out that are more
15	than just one sentence.
16	MS. SHEEHAN: Just to clarify what
17	Barbara and Justin were talking about
18	because I was at several of those TAC
19	meetings last year as well and heard the
20	same thing.
21	So the question is: Those ones
22	that were rejected, those are still going
23	to be part of the ultimate report with a
24	broader explanation of why they're
25	mandated?

	Page 67
1	MR. DMYTRYSZYN: That is mandated,
2	that is correct.
3	MS. SHEEHAN: And just to be
4	clear, too, so the folks that are making
5	those decisions, it's basically between
6	the FAA and the Port Authority internal
7	staff that are making that decision as to
8	whether or not it's viable or it's going
9	to be rejected?
10	MR. DMYTRYSZYN: The Port
11	Authority through their consultants are
12	using the modeling and their technical
13	expertise, they are working coordinating
14	with the FAA on those analyses.
15	So again as, Adeel had mentioned,
16	because the Port Authority is the
17	operator, they don't do anything once
18	those wheels get off the ground in terms
19	of FAA.
20	The coordination between the
21	technical experts, meaning the Port
22	Authority's consultants, and their
23	experience with the FAA and their
24	technical people, they are the ones who
25	basically are saying whether it can and
1	

ı		
		Page 68
	1	can't be done. It's not an arbitrary and
	2	capricious thing that goes on with the
	3	Port saying no.
	4	MS. BOYCE-CHARLES: I guess I'm
	5	wondering if the mitigations that are
	6	we looking at this noise study as the
	7	source of the mitigations that come from
	8	aircraft noise? Because it feels as
	9	though there are side deals being made.
	10	And I'm not sure, so you can educate me,
	11	because I don't know all the ins and outs.
	12	But I recently when someone
	13	shared an article with me about an
	14	agreement that, you know, Suozzi made with
	15	the FAA that says that aircraft that fly
	16	west of Deer Park now can fly, and must
	17	fly, at 4,000 feet above homes versus
	18	previously 2,000 above homes. And that
	19	anything 15 miles or more away from the
	20	airport must be 3,000 feet.
	21	Now my question is: Isn't that a
	22	mitigation and should that kind of thing
	23	be happening outside of the scope of this
	24	effort?
	25	The other question I have is:

	Page 69
1	What about those homes within 15 miles of
2	the airport? Has anybody looked at, and
3	does anyone care, what the impact of this
4	new regulation will be on those properties
5	and people who live there?
6	MR. DMYTRYSZYN: I cannot speak on
7	behalf of the Congressman's discussions
8	with the FAA or I'm sure Steve Jones could
9	add more.
10	MS. BOYCE-CHARLES: That's what I
11	was reading so maybe you can set me
12	straight.
13	MR. JONES: No, that is not
14	they are currently under evaluation
15	reviewing the air space and the area.
16	There was a meeting several weeks
17	ago where that was explained, and actually
18	at the JFK meeting there was some
19	information that was explained.
20	Sorry if you can't hear me up
21	there, I'll get louder.
22	But currently all of the air space
23	is being evaluated to see if there is
24	something that could be done in areas or
25	whatever, but the information that was put

_	
	Page 70
1	in there was no, it is being there
2	are a lot of reviews going on with the air
3	space, and it's basically because of the
4	Port Authority project which has allowed
5	us had us to actually change how
6	flights are going in and out of JFK and
7	LaGuardia and stuff. So it's just being
8	reviewed at the moment, that's all.
9	MR. HOPPENHAUER: It sounds like
10	it's something that's taken place outside
11	of TAC.
12	MR. JONES: Outside of TAC, that
13	I'm not sure of.
14	And I can take that question back
15	and try to get some information for you,
16	but as far as that's concerned, air space
17	is just being done.
18	MR. HUISMAN: Could I address that
19	for a second?
20	To Gloria and Larry's point, the
21	FAA is working outside the Part 150 with
22	the roundtable. So you know when you had
23	the group, the Atlanta Group, that comes
24	up to talk to both the JFK and the
25	LaGuardia group, they are trying to

_		
		Page 71
	1	alleviate some of the noise issues even
	2	though it's outside the Part 150. They
	3	are looking at any way that can be done,
	4	from the input that comes from the
	5	roundtable, both the LaGuardia and the JFK
	6	committee.
	7	The Part 150 study, which was
	8	started way back in 2014, is a different
	9	issue but all of them are addressing noise
	10	in different ways.
	11	MR. JONES: Right.
	12	And that was briefed at the
	13	previous JFK meeting, where there was a
	14	discussion stating, Why wasn't it in the
	15	TAC? There are certain issues that aren't
	16	in the TAC because outside of the TAC
	17	there are possibly some issues that can be
	18	and I'm not the technical expert on
	19	this but there are some issues that
	20	might be able to be alleviated quicker
	21	outside of the TAC to help the public then
	22	being inside the TAC.
	23	MS. BOYCE-CHARLES: But doesn't
	24	that defeat the purpose, because then how
	25	do you know what side issues you're
1		

	Page 72
1	dealing with and addressing are going to
2	impact others? And so that I have a
3	problem with that.
4	MR. JONES: And that's why this
5	whole evaluation
6	MS. BOYCE-CHARLES: That kind of
7	skews any research and analysis that has
8	been done by the Part 150, doesn't it?
9	When you change the different variables,
10	than the research that you've gotten from
11	what you've done is not the same anymore.
12	MR. JONES: But the only thing
13	that I can say is the people working on
14	the TAC is the same people working on the
15	other information as well. Understanding
16	your point, but they are the same people
17	that are working.
18	CO-CHAIR BROWN: And I think
19	Gloria and Larry's points, those are
20	excellent points, because I can remember
21	at a TAC meeting where we talked about
22	continuous decent versus stepping down.
23	There were questions about that. And so
24	those things were being, I thought, were
25	being considered as a part of the Part 150

	Page 73
1	study and, now we see that they are being
2	considered outside of the study.
3	So where are the lines? I guess
4	those are the questions that are coming up
5	here.
6	MR. HUISMAN: We'll take that back
7	to Andrew and have him address it.
8	MR. HOPPENHAUER: Yes, about the
9	current 150 program. I'm just did I
10	understand, because how we are having some
11	trouble hearing back here but did I
12	understand correctly that there is no
13	conclusion date for the accountability
14	program?
15	MR. DMYTRYSZYN: What do you mean
16	by a conclusion date? It's going to have
17	a finality.
18	MR. HOPPENHAUER: There was a
19	conclusion date of October 2018 on the
20	original calendar.
21	MR. DMYTRYSZYN: What that meant
22	was that once a final draft of meaning
23	it went through public review and
24	comments, all the comments were either
25	discussed however in the final document.
I	,

Page 74
It then gets submitted into the FAA, they
have a 180-day period to review that.
MR. HOPPENHAUER: As we understood
it, that was all to happen by
October 2018.
So now that we are almost a year
beyond that, I'm curious, just from a
management point of view, you can't say,
like, this is going to be concluded in a
month or two months?
It baffles me to think that the
MTA is going crazy because they have got
things going on with them that they are
not getting that they were supposed to
be delivered two years ago.
I would be very upset with my
contractor if I was the Port Authority for
them not delivering on time.
MR. DMYTRYSZYN: It has nothing to
do with the contractor, it's with the
evaluation and the discussions.
If it takes longer to be able to
answer all of those issues, then with the
discussions of the FAA, that there would
be an understanding that the schedule is

	Page 75
1	going to change.
2	If you're saying that the schedule
3	has not been changed on the website, I
4	know it hasn't been changed, I don't have
5	an answer for that.
6	MR. HOPPENHAUER: I looked back at
7	the first presentation. I just looked at
8	the first presentation to see what the
9	original calendar was.
10	But I'm also concerned that every
11	time we keep asking, What's the status of
12	150? We get told it's being reevaluated
13	and we'll know when it's done.
14	That's not really good for people
15	who have been really contributing to this
16	process and told something else and we're
17	it's just a problem.
18	MR. DMYTRYSZYN: Then here is a
19	suggestion. Whenever this next TAC
20	meeting comes through, you bring up that
21	point.
22	MR. HOPPENHAUER: The next TAC
23	meeting isn't going to happen until
24	everything is done. So I mean
25	MR. DMYTRYSZYN: Okay, but Larry,

	Page 76
1	from a basic standpoint, what kind of
2	transparency in terms of, if there is no
3	issue with the Port Authority saying, as
4	you've said, it's still under development.
5	MR. HOPPENHAUER: How many
6	projects did you say or how many things
7	did the JFK group submit to you that?
8	MR. DMYTRYSZYN: It was 59.
9	MR. HOPPENHAUER: The last meeting
10	we had on that, it was narrowed down to
11	five. So only five were going to get
12	reviewed, we were told, the others were
13	going to get
14	MR. DMYTRYSZYN: Larry, just
15	because it's down to five doesn't mean
16	that the other 74 have to be discussed and
17	evaluated and written on. That's the part
18	of the process.
19	MR. HOPPENHAUER: I'm confused.
20	How can they get rejected the first time
21	around and then have to go through another
22	process?
23	MR. DMYTRYSZYN: Because you have
24	to explain why it's rejected, plain and
25	simple. If you like what this

	Page 77
1	gentleman said, it's not going to be more
2	we reject this and that's the only
3	sentence in the NCP. It doesn't work that
4	way, the FAA would reject that. It has to
5	be explained and why.
6	MR. HUISMAN: We only have another
7	minute.
8	CO-CHAIR WARREN: Just real quick.
9	I want to say, so basically what you're
10	saying is that these were rejected, these
11	numbers of suggestions were rejected, and
12	now the Port Authority and the FAA they
13	are going to find out a reason for
14	rejecting them?
15	MR. DMYTRYSZYN: That's not what I
16	said.
17	CO-CHAIR WARREN: That's the way
18	it sounds.
19	MR. DMYTRYSZYN: That's not what I
20	said, Warren. Warren, that is not what I
21	said.
22	CO-CHAIR WARREN: But it shouldn't
23	work that way, they should have given us
24	the reason for the rejection immediately.
25	MR. HUISMAN: It's my
1	

	Page 78
1	understanding that that will be in the
2	full NCP report, the reason why many of
3	these suggestions were not flyable or
4	practical.
5	CO-CHAIR WARREN: But they could
6	have done that right away as soon as they
7	were rejected.
8	MR. DMYTRYSZYN: What do you mean
9	by "right away"? It needs evaluation.
10	Let's say somebody from the public
11	made a comment to do this, the public
12	wants to know why was my comment rejected,
13	there has to be an explanation for that.
14	All of that is going to be described in
15	the NCP. So look
16	MR. HUISMAN: I suggest that we
17	I mean, what we've been told is that
18	hopefully the summer will produce another
19	TAC meeting and then we can address these
20	directly with the consultant.
21	MR. ZHAO: So if there is no TAC
22	meeting by the next time we have a
23	roundtable, can we get a percentage
24	estimate of completion towards this report
25	or are you just like, this is the total?
1	

	Page 79
1	MR. DMYTRYSZYN: I'm being
2	transparent, that's what everybody wants.
3	I'm not the project manager all can I tell
4	you is that once there is a draft NCP, if
5	you're looking at whittling away as to
6	what is or isn't in it. For me, from my
7	knowledge at this point, I cannot tell
8	you. I can't tell you whether or not out
9	of the 133, only two.
10	MR. ZHAO: That's not what I'm
11	asking.
12	I'm asking how far are they in the
13	process of evaluation? Do we have a
14	number?
15	MR. DMYTRYSZYN: They are
16	90 percent complete of writing the NCP.
17	MR. ZHAO: Okay.
18	SENATOR BRAUNSTEIN: I haven't
19	been working with the TAC so I'm not
20	entirely familiar with the issue. But
21	from what I understand, you're evaluating
22	certain recommendations and then you're
23	going to give reasons why they were
24	rejected.
25	I imagine that efficiency is

	Page 80
1	something that comes into consideration.
2	Will there be an explanation of the ideal
3	efficiency and the lack of efficiency with
4	different proposals just so we can have an
5	idea of what the difference is?
6	MR. DMYTRYSZYN: When you're
7	talking about efficiency, you're talking
8	about arrivals and departures and set
9	schedules?
10	SENATOR BRAUNSTEIN: I just know
11	that's something that we hear. We heard
12	the NextGen procedures in general were put
13	in place for efficiency purposes.
14	So I imagine that some of the
15	these proposals may be rejected for just
16	quote/unquote efficiency. Is that an
17	accurate assumption?
18	MR. DMYTRYSZYN: I believe, but
19	I'm not certain, that there is some level
20	of discussion of NextGen somewhere in the
21	report in which the question that you're
22	raising could possibly be addressed.
23	But I'm, at least for the meetings
24	that I had attended, again it was at the
25	beginning and the middle part, not towards

	Page 81
1	the final thing, I guess the question is
2	about the efficiency, the definition of
3	that, what would that be? I don't have an
4	answer for that.
5	SENATOR BRAUNSTEIN: Just saying
6	it didn't meet our efficiency standards
7	and you're rejecting, that's why we were
8	complaining about the NextGen from the
9	beginning, because we were told we had to
10	do it for efficiency and if that's going
11	to be the answer, I think you could give a
12	reason what the proposal would mean for
13	efficiency and what difference we're
14	talking about.
15	MR. DMYTRYSZYN: I'll bring that
16	back to the project manager, that's about
17	the best that I could tell you. If
18	there's anything more, perhaps somebody
19	could reach out to your office and explain
20	this.
21	At this point, I don't want to say
22	something that I'm going reject being
23	inaccurate.
24	SENATOR BRAUNSTEIN: I feel like
25	that should be part of the discussion.

	Page 82
1	MR. DMYTRYSZYN: I would be
2	surprised if it isn't, but that's just me.
3	CO-CHAIR BROWN: Okay, Nick, thank
4	you for taking that on.
5	And next so we will let all of
6	you know when the next TAC meeting is
7	because it's not just the members of TAC
8	who can attend, there's it's open to
9	the public, and they always have a public
10	comment period at the end. So we will
11	keep you informed about that because
12	that's critical.
13	The next item on the agenda is the
14	FAA Reauthorization Act of 2018. You
15	received a three- or five-page packet in
16	the last meeting announcement we sent out,
17	and we hoped that you looked at it.
18	What we're trying to do here
19	when I say "we," we're talking about the
20	coordinating committee, we have to talk to
21	the FAA and the Port Authority about
22	topics that we want addressed at our next
23	meeting.
24	And one of the things that we
25	talked about was asking for updates on

	Page 83
1	sections of the reauthorization act so
2	that we know what's going on.
3	And so at our next NYCAR meeting,
4	which would be in October, we're asking
5	you to tell us which of those acts you
6	would like to see some follow up on.
7	There are a lot of things that are
8	supposed to be done within a year so we
9	will be at the year mark in October of
10	2018 2019.
11	So the floor is open for about
12	five minutes because I'm assuming that you
13	had time to read this.
14	MR. ZHAO: Can I make suggestion,
15	that we kind of just do like a quick straw
16	poll on each of the suggestions and count
17	up the votes of people who are interested
18	in hearing those updates for each section?
19	CO-CHAIR BROWN: I guess we could
20	do that.
21	MR. ZHAO: Assuming that everyone
22	has read it.
23	CO-CHAIR BROWN: And the act is
24	much longer than these couple of pages
25	that you have here.

	Page 84
1	So is everyone in agreement with
2	doing it that way, just going through act
3	by act and saying, Yes, we want to hear
4	more about it; no, we don't?
5	So title Section 173. This is
6	Subtitle D Section 173, and they talk
7	about alternative airplane noise metric
8	evaluation. That's supposed to have been
9	done no later than one year.
10	How many people would like to get
11	an update on that? A report on that at
12	the next meeting?
13	(Indication from members.)
14	CO-CHAIR BROWN: Warren says it
15	look like a majority.
16	Section 175, anybody interested in
17	that? Addressing community noise
18	concerns, that you want an update on that?
19	I don't see a deadline on that.
20	(Indication from members.)
21	CO-CHAIR BROWN: Section 176 is
22	not relevant right now, 'cause they give
23	it 180-day window.
24	Lead Emission, Section 177. There
25	is a one-year on that, how many people are
1	

	Page 85
1	looking for a report on the lead
2	emissions, what they are doing?
3	(Indication from members.)
4	CO-CHAIR BROWN: I'm raising my
5	hand for that, 'cause it doesn't deal with
6	noise but it certainly deals with air
7	pollution. We will give that a yellow
8	flag.
9	178, terminal sequencing and
10	spacing, where they are talking about
11	status of the sequencing and spacing of
12	aircraft, that's what I interpreted that
13	to mean. That has a that was supposed
14	to be a 60-day window, how many of you are
15	interested in that?
16	CO-CHAIR WARREN: Steven, is that
17	what that refers to?
18	CO-CHAIR BROWN: Status of
19	terminal sequencing and spacing?
20	MS. BOYCE-CHARLES: That's how
21	many air planes can fly, how many flights
22	can go within an hour.
23	CO-CHAIR BROWN: That was an
24	assumption of mine, but I think we should
25	find out what that is because if they are

	Page 86
1	talking about spacing of aircraft that is
2	something that we need to know about.
3	MR. JONES: It's discussing the
4	spacing of aircraft of NextGen Metroplex.
5	It states NextGen Metroplex, the New York
6	area does not have a Metroplex.
7	CO-CHAIR WARREN: So here in the
8	New York area we don't have a Metroplex
9	and that doesn't affect us at all.
10	CO-CHAIR BROWN: Okay.
11	MR. TAYLOR: Can anyone explain
12	what a Metroplex is?
13	CO-CHAIR BROWN: Can we have
14	everybody kind of settle down.
15	MR. JONES: There are several
16	Metroplexes throughout the United States.
17	What a Metroplex is, is that they
18	reevaluate the whole air space. And the
19	changes are it's a lot of changes due
20	to it. So it's very big on the amount of
21	data and how they change it, just to keep
22	it in layman's terms.
23	The New York area is not a
24	Metroplex. I believe the closest to here
25	is probably in D.C. and that was done a

	Page 87
1	couple years ago, if I'm not mistaken.
2	But the New York area is not a Metroplex,
3	but it deals with a lot of air space
4	changes.
5	MS. SHEEHAN: If I recall, going
6	years back, that was kind of a bone of
7	contention, too, because why wasn't New
8	York considered to be a Metroplex study
9	given it's incredible complex?
10	CO-CHAIR BROWN: So that's a real
11	question. So we will follow up on 178
12	just to get clarification on why we're not
13	we don't fit into that.
14	179 is airport noise mitigation,
15	not later than one year shall initiate a
16	study to review and evaluate existing
17	studies. How many of you are interested
18	in that?
19	(Indication from members.)
20	CO-CHAIR BROWN: Okay, that gets a
21	yes.
22	The next area of concern is
23	Section 180, regional ombudsman, how many
24	of you want to know about that?
25	(Indication from members.)
I	

	Page 88
1	CO-CHAIR BROWN: Okay, it looks
2	line the coordinating committee is just
3	going to prioritize these.
4	MR. JONES: I'll address the
5	regional noise ombudsman.
6	On that one that was a national
7	decision. So it's currently being
8	evaluated on who would be the regional
9	ombudsman, but to let you know there is a
10	deadline on that as of October. So
11	hopefully we will have information soon on
12	that.
13	And once we get the information
14	and who's identified, then that'll be sent
15	out.
16	CO-CHAIR BROWN: Thanks, Steven.
17	Section 182, not later than
18	30 days. This is dealing with the North
19	Shore helicopter routes.
20	(Indication from members.)
21	CO-CHAIR BROWN: Okay, so that's a
22	yes too.
23	And I think is that the last one.
24	186 is Stage III aircraft, but
25	that's 180 days so we're not looking at
Ī	

	Page 89
1	that.
2	Aircraft noise exposure is no
3	later than two years, so we're not looking
4	at that right now.
5	Study regarding day/night average
6	sound levels, I think that's something we
7	all want a report on, yes? Okay.
8	And 189 is a study on potential
9	health and economic impacts of overflight
10	noise, and I think everybody wants that.
11	So what's going to happen is the
12	coordinating committee is going to take
13	all of these that are of importance and
14	prioritize a little more, but we will be
15	going to the FAA to say we want updates on
16	those and this is the order.
17	MS. SHEEHAN: Could we get an
18	update on the Stage III aircraft study
19	because that was 180 days in the same way
20	that the study on potential health impacts
21	were?
22	I think we're going to ask for
23	updates on where that's at because if they
24	are going start phasing out Stage III
25	aircraft, that helps us get to a closer

г		
		Page 90
	1	point of having much more fuel efficient,
	2	much more quieter, and much more
	3	environmentally friendly type aircraft.
	4	It would be important to know what
	5	that is.
	6	CO-CHAIR BROWN: So you're saying
	7	Section 186, okay.
	8	Okay. So this goes the
	9	coordinating committee officers are going
	10	to discuss this, we're going to reach out
	11	to Steven Jones and set up a schedule for
	12	bringing that information back to you.
	13	Our next meeting is in October.
	14	There are only two more items on
	15	the agenda; one is the airport committee
	16	sharing and I'm going to share quickly
	17	about JFK and Warren's going to share on
	18	LaGuardia, and then we have the public
	19	comment period and we will be finished.
	20	So the JFK Airport Committee, we
	21	have two essential things I'm going to
	22	use my lunchroom voice, my public school
	23	lunchroom voice.
	24	We actually there are two
	25	things that I want to report to you on
- 1		

	Page 91
1	things that we've done. We do have
2	committees that are working on certain
3	activities and topics, but one of the main
4	things that we did back in October we had
5	passed a resolution asking for
6	restrictions and I'm sure you can't see
7	that 'cause I can barely see it here.
8	But anyway, we did send in a
9	request to the Port Authority for a
10	Part 161 study which would result in
11	nighttime restrictions. We asked for
12	nighttime restrictions on over
13	residential communities.
14	And that request went into Huntley
15	Lawrence, who is the executive director of
16	the aviation department of the Port
17	Authority, because that's the process.
18	And we asked that that 161 study even be
19	completed through the Part 150 study
20	because when you read the sequence of how
21	things go in terms of requesting these, if
22	there is a Part 150 study being done,
23	technically it should go through it
24	should be done as part of the Part 150
25	study.
1	

	Page 92
1	
	And the other option is to ask for
2	it directly. And so we said well either
3	that or as a community benefit under the
4	JFK redevelopment project. And I'm sure a
5	lot of you know that there's a \$13 billion
6	redevelopment project for JFK and there
7	should be community benefits.
8	So we are saying either through
9	the Part 150 study, which we've just
10	talked about how slow that is, or through
11	some benefits, community benefits.
12	And the reason for asking for
13	those restrictions, there are certain
14	communities off certain runways where if
15	they don't restrict nighttime flights,
16	there's very little they are going to be
17	able to do about mitigating any kind of
18	noise, and that's been said at the TAC
19	meetings that the communities to the north
20	of JFK that there's no too much we can do,
21	particularly those that are close in.
22	So the response that we got from
23	Huntley Lawrence was that the TAC has
24	previously recommended use restrictions at
25	JFK as potential noise abatement measures,

	Page 93
1	and that it's essentially going to be
2	considered under TAC.
3	Now I don't really remember
4	discussions about noise restrictions at
5	those TAC meetings so that's something we
6	need to raise at the next TAC meeting
7	because I really don't recall them talking
8	about overnight restrictions as a possible
9	abatement.
10	The other thing that the
11	committee, the JFK Airport Committee, has
12	been doing, since there is the
13	redevelopment project, the JFK Airport
14	Committee, through its master plan
15	subcommittee, has taken on putting
16	together a community benefits package of
17	things that we think should be givebacks
18	because of all of the work being done at
19	JFK and the impacts that that's going to
20	have on communities over whom those planes
21	fly.
22	So we divided it into basically
23	four different categories. The first
24	category was noise mitigation and this did
25	not make my proofreading. There are two

Page 94 1 One we asked for soundproofing 2 mitigation, not just to include the people 3 in the 65 DNL, but anybody who is in the 55 to 64 DNL that they also be considered 5 for noise mitigation. And the second strategy or the 7 second proposed project is nighttime flight restrictions, so again we're coming And to consider that just back to that. 10 as part of a community benefit. 11 The second category was research 12 on pollution, and mainly we're talking 13 about air pollution and noise pollution 14 and health. And there were two asks 15 Pollution studies on noise and there. 16 air, and we're talking about comprehensive 17 independent research studies on the actual 18 levels of noise and pollution that people 19 are being subjected to within five to 20 ten miles from the airport, 'cause no such 21 studies have been done regarding JFK and I 22 don't think any studies have been done, 23 period, in the New York area. 24 And the second part of that topic 25 is health effects of airport noise and air

	Page 95
1	pollution in southeast Queens. So we're
2	asking, again, that a complete and
3	independent comprehensive research study
4	be done on the relationship between
5	health, noise, and air pollution.
6	And out of the results of the
7	study that then we address mitigation,
8	that mitigation be addressed. So those
9	are two areas for research and pollution.
10	The third category is education.
11	And, again, we're looking at studies
12	we're trying to say, Well, where is there
13	a nexus? And how will what was being
14	asked for benefit the greatest number of
15	people?
16	So the it's airport and impact
17	on our schools, and it's calling for a
18	study of the local schools and school
19	populations to see if there is a
20	connection between 55 DNL noise and above
21	and student achievement levels.
22	And all of these asks, by the way,
23	there's a larger document where it's all
24	we provide justifications for why these
25	things are being asked for. So if any of

Page 96 1 you are interested in the whole packet, 2 we'll send it to you. 3 And the last category is looking at economic and workforce plans. So we 5 talked about a business development and career path, training for people in a 7 variety of fields that are connected to, in any way to aviation. We talked about first-source hiring, asking for benefits 10 first-source hiring. Looking at 11 neighborhood communities that are 12 surrounding the airport and making sure 13 that they are given preference to jobs and 14 business opportunities. 15 Union versus nonunion construction 16 contracts. A lot of people in the 17 communities surrounding the airport have 18 been talking about that because if you're 19 not -- it becomes circular, if you're not 20 in the union it's hard to get the job. 21 And so how can those two things be 22 ameliorated? How can they be wed so 23 you're not keeping people out of jobs or 24 saying you're not qualified for the jobs 25 because you're not in the union?

	Page 97
1	We talked about it's
2	recommended that there be an AFLCIO union
3	job fair in southeast Queens.
4	And finally that there be business
5	building enhancements. It's thought that
6	a lot of the local merchants in the
7	communities neighboring the airport are
8	going to be impacted by a lot of the
9	redevelopment and what can be done for
10	those people so they are not displaced and
11	that they are also that their
12	businesses are also improved?
13	So essentially this list that I
14	just went through is being submitted to,
15	and it has been submitted to, Congressman
16	Gregory Meeks, and to Borough President
17	Melinda Katz, they are the chair people of
18	the JFK Redevelopment Advisory Council.
19	I sent this in to them asking for
20	speaking time at their next meeting to
21	introduce these to that council because
22	they need as the Port Authority
23	considers well what kinds of things, what
24	kinds of community benefits are they
25	granting, we are asking that these be

Page 98 1 considered and be considered strongly. 2 And I think there's a lot being 3 done with business and workforce, there's little or nothing being done in terms of 5 the environment and studies and seeing well what's the impact of the noise and the air on the people over whom the planes are flying, both near and far because there's a lot of research out there that 10 shows as much as 10 to 15 miles out 11 there's air pollution under the flight 12 paths, for example. 13 So that's coming out of the JFK 14 Airport Committee. I want to give 15 Michelle Keller a lot of credit for that 16 because she is chair of the master plan 17 committee and it's not only the members of 18 the master plan committee who came 19 together, it's been like a year's process 20 almost, it's the other people who were on 21 the JFK committee who wanted to 22 participate, and then outside community 23 groups that we invited to come and be part 2.4 of the process to get a broader view. 2.5 that's how all of this has developed.

	Page 99
1	AUDIENCE MEMBER: I see what
2	you're talking about the unions. And I
3	wonder has anybody said, we got peoples
4	that can do the jobs that union workers
5	are doing, and is there any kind of
6	mechanism that you can get these peoples
7	involved in the union and how would they
8	go about getting into the union? Nobody
9	has really discussed that and whether they
10	are qualified. How do you qualify them
11	that been doing the work for years to go
12	into the union? How will they the
13	union qualify them? How will they come
14	about getting in contact with the union to
15	see if they qualify in order to become
16	part of that union to get part of this
17	workforce?
18	CO-CHAIR BROWN: And I don't have
19	the answer to that, but that's something
20	we are recommending that that certainly be
21	something that is studied and a mechanism
22	funded to deal with that. So that's
23	what's coming from us, we don't we
24	can't tell you how to do that right now.
25	MS. SHEEHAN: If I could just

	Page 100
1	respond had to that. I'm Rebecca Sheehan,
2	I'm here on behalf of Senator Anna Kaplan.
3	I can just tell that you during
4	discussions in Albany over the past six
5	months, that issue came up repeatedly
6	whether we were talking about having to
7	reauthorize the MWBE programs or whether
8	we were talking about prevailing wage, and
9	ultimately it didn't happen at the end of
10	session.
11	But that conversation was
12	constantly being brought up with the
13	unions that you need to do a better job in
14	creating apprenticeship programs to get
15	people from the communities into getting
16	them having a better pipeline into the
17	community for workers, because that is
18	absolutely an issue and a problem.
19	So I can't tell you anything
20	specific that's happening other than those
21	conversations were being brought up
22	repeatedly, I know by members of the
23	democratic conference in Albany, so it is
24	something that is under discussion.
25	AUDIENCE MEMBER: And one of the
1	

	Page 101
1	things I think if we going to do that is
2	we got a time period 'cause we don't want
3	everything to be built and then they
4	CO-CHAIR BROWN: No. And that's
5	why we're pushing to get this in at this
6	point so people can't say, Well we didn't
7	know you were suggesting that.
8	So this is going to the advisory
9	council. The redevelopment project, by
10	the way, has not been unless something
11	has no, there's an assessment, an
12	environmental assessment that has to
13	happen. So that has not happened yet.
14	So there's still time but we're
15	trying to get this done before things
16	start moving along too quickly. So that's
17	JFK.
18	LaGuardia.
19	CO-CHAIR WARREN: Thank you,
20	Barbara.
21	Yes, so I'm going to do this
22	really quick, just going to touch on a
23	couple of items.
24	The real hot-button issue that we
25	have facing us at the LaGuardia committee
1	

	Page 102
1	is the LaGuardia AirTrain. And on
2	March 28th we had the Port Authority, they
3	made a presentation. They have now held
4	the FAA is conducting the environmental
5	impact statement. They have had one
6	information meeting and one public
7	workshop, both of those meetings have been
8	public.
9	We have had we've heard from
10	groups who are in favor of the LaGuardia
11	AirTrain, we've heard from groups who are
12	opposed to the LaGuardia AirTrain, and
13	we've heard from people, I guess like
14	myself, who want more information about
15	it.
16	So, so far the committee, we have
17	not taken a position on this, just
18	speaking for myself, I haven't taken a
19	position for or against. And we're going
20	to try to, as we move forward, listen to
21	everybody who wants to speak to us whether
22	they are for or against this and have them
23	come to our meetings and we'll try to give
24	everybody a voice and people can make an
25	informed decision.
1	

	Page 103
1	But this is something that is down
2	the road, this isn't going to happen next
3	week, it's not going to happen next year.
4	This is going to be a few years down the
5	road, so meanwhile they are still putting
6	together the EIS, but that's become sort
7	of a hotbed issue for us.
8	We also discussed the airplane
9	noise in Nassau County. The FAA came and
10	they presented some information concerning
11	that. And there wasn't really, I mean, I
12	appreciate what the FAA does, they are
13	great to work with and they are really
14	knowledgeable, but they didn't present
15	anything in there that we didn't already
16	know.
17	There was nothing they didn't
18	tell us anything that was different, we
19	already knew about the arch of doom, we
20	knew where the planes were coming from, we
21	knew about the conflicts with the runway
22	work that was taking place at JFK. So
23	hopefully they will be people will be
24	able to sit down and work on that.
25	The last meeting that we had, we

	Page 104
1	actually it was pouring out, the weather
2	could not have been worse and we ended up
3	having a quorum, which was so for now
4	we're only going to schedule meetings
5	during a storm.
6	And so we were actually we were
7	able to have an elections, I was reelected
8	as chair, Maria Becce was reelected as
9	vice chair, Seymour Schwartz as second
10	vice chair, and Lei Zhao is recording
11	secretary.
12	And citizen members were Frank
13	Taylor. Frank, congratulations, and Cathy
14	Ryan, who I don't see her. I don't think
15	Cathy was here tonight. But we were able
16	to do that.
17	And one other important thing that
18	we've been working on well first of all
19	I just want to say that we brought up the
20	issue of the nighttime operations at
21	LaGuardia Airport, and we're also going to
22	be looking into filing for a Part 161,
23	that was explained to us that that was
24	needed. There is no curfew in effect at
25	LaGuardia Airport, and from what I've been

Page 105 1 told the Port Authority tells me they 2 don't like that word "curfew" and that's 3 okay. But LaGuardia Airport is a 24-hour And the reason it's a 24-hour airport. 5 airport is it has to do with federal funding and funding from the FAA, some 7 funding that's given to them. And my point always was, well if 9 they cut down some of the nighttime 10 operations they wouldn't need all that 11 funding and it would be okay to lose some 12 of that funding, but they don't see it 13 that way. 14 So we're going to look at that. 15 But something else that we spoke about was 16 the way the noise is measured, as most of 17 you know, it's measured in DNL, day/night 18 levels, which doesn't really mean a lot to 19 anybody. I mean, if you have one plane a 20 day that goes over your house or 21 construction equipment and you have 90 22 decibels. Well you've been exposed to 90 23 decibels, it doesn't matter what goes on 2.4 the rest of the day, you've been exposed 25 to that 90 decibels.

	Page 106
1	But there is another metric that's
2	used in California, I'm not sure if any
3	other places use it. But right now it's
4	used in state of California, it's called
5	CNEL and it imposes additional penalties
6	on the average for certain evening hours.
7	And I know I went to City Hall,
8	there was a hearing that was held on this
9	sometime back and I testified about it and
10	we have now brought this to our
11	legislators and Assemblyman Ron Kim has
12	introduced legislation. And Maria Becce
13	has all the information on this so if you
14	want to come up and quickly explain this
15	to everybody about the different
16	penalties.
17	MS. BECCE: Warren, actually you
18	mentioned almost everything I wanted to
19	say.
20	I just wanted to just say that the
21	2018 FAA Reauthorization Bill does contain
22	some provisions about the studying noise
23	metrics, that would be on the national
24	level.
25	What Assemblyman Ron Kim has done
1	

	Page 107
1	is he has proposed legislation, it's
2	called Bill A3063 in the New York State
3	Assembly to replace the DNL, which is the
4	day/night average sound levels, and
5	establish the use of CNEL, which is
6	community noise equivalent levels, as a
7	uniform metric for measuring aircraft
8	noise impacts in New York State.
9	And as Warren mentioned, CNEL adds
10	a five decibel penalty to noise
11	calculations and measurements for aircraft
12	flying between 7:00 p.m. and 10:00 p.m.
13	This evening noise penalty accounts for
14	people's sensitivity to noise during
15	evening hours and tends to accentuate the
16	amount of noise due to overflights and
17	during family, dinner, and study times.
18	CNEL is currently used to quantify
19	noise levels in California. The FAA will
20	accept the CNEL when the state requires
21	the metric to assess noise effects.
22	So my point of mentioning this is
23	that Assemblyman Ron Kim is asking NYCAR
24	to support his legislation by writing to
25	members of the New York State Assembly.

	Page 108
1	The NYCAR coordinating committee will
2	discuss this request and advise
3	Assemblyman Kim if we will go ahead.
4	Separate from this, very quickly,
5	there's been a flurry of legislation in
6	the last week or two at the federal and
7	state levels. Part of the material on the
8	sign-up table in the back is a press
9	release from Congresswoman Grace Meng and
10	a copy of the letter that was signed by 30
11	members of Congress concerning an audit of
12	the government accountability office on
13	the implementation of NextGen technology.
14	So I urge people to please take a
15	copy of that home with them because this
16	is a very significant development.
17	What Barbara was talking about as
18	far as environmental studies in New York,
19	the New York State Senate and the New York
20	State Assembly both passed on May 15th a
21	bill, two bills, which would be an act to
22	direct the Department of Environmental
23	Conservation, with the assistance of the
24	Department of Transportation, to conduct a
25	study on the environmental and human

	Page 109
1	health impacts of JFK International
2	Airport and LaGuardia Airport.
3	I believe it's waiting for the
4	governor to sign it in to law. So I just
5	mention that there's a lot of news out
6	there about legislation at the federal and
7	state level.
8	CO-CHAIR WARREN: Thank you,
9	Maria.
10	And I just want to say that if
11	CNEL had been metric that was in effect in
12	New York State when we started the
13	Part 150 study, the results of that
14	Part 150 study would have been a lot
15	different. And it would have required a
16	lot they would have required more
17	mitigation on the part of the Port
18	Authority and the FAA, but that ship has
19	sailed but we're looking towards the
20	future.
21	Thank you, everyone.
22	MR. HUISMAN: I know we're running
23	late, but if anybody has a question on any
24	topic we've addressed already.
25	MR. TAYLOR: I don't know want to

	Page 110
1	take up too much time, I know everybody
2	has dinner to go to or whatever.
3	Being here and listening to this,
4	I think that one thing we're missing here
5	is that we have to give more time to air
6	quality. The air quality is the thing
7	that is killing us. The Anavex gases, the
8	CO2 gases that are emitting from these
9	airplanes. Everyone is talking about the
10	noise of the airplanes coming close to us,
11	disturbing our dinner or whatever, it
12	is important.
13	But the gases that these planes
14	emit. Where I live at is East Elmhurst,
15	Ditmars Boulevard, 100th Street is called
16	cancer alley, self-explanatory.
17	We just had a Congressman
18	Councilman Constantinides, he came to the
19	community board meeting, he stated in the
20	ledger that they did not want any building
21	on Rikers Island because Rikers Island was
22	horrible, it was terrible, it was built on
23	a garbage dump. When you drill inside
24	Rikers Island, if you build these new high-
25	rises, or whatever they want to do, you

	Page 111
1	can't do it because they emit too many gases.
2	The same ground is LaGuardia
3	Airport. LaGuardia Airport was built on a
4	garage dump around the same time as Rikers
5	Island, but it doesn't seem like we've
6	seem to be getting that. People are
7	drying behind this. People have asthma,
8	COPD, lung cancer, and everything else
9	that goes with this.
10	I would like this committee,
11	wholeheartedly, to really focus on air
12	quality. Air mitigation. This is 2019,
13	there are many learned engineers, people
14	that really know what to do with this,
15	where those gases can be somehow evaded or
16	evaporated into the atmosphere without
17	causing deaths to our young, to our
18	elderly who can't breathe.
19	I have people on Ditmars Boulevard
20	who can't even open their windows. Why is
21	that? And why is this just slumped over.
22	The airport has had a pass since 1960.
23	Why? These guys make billions of dollars
2,4	every year and where does it go? I'm glad
25	to see the thing with JFK. Why wasn't it
I	

	Page 112
1	done at LaGuardia? Why do we have to
2	fight so hard to finally get scholarships?
3	To finally get anything in the community?
4	A nexus? Anything talked about?
5	This committee is very important.
6	You hold sway, as we call it, your
7	opinions count more than obviously ours do
8	who live here. It needs to work. It
9	needs to be here. One thing we need to
10	refocus on is air quality. Thank you.
11	CO-CHAIR WARREN: Frank, so you
12	raised a really important issue. And just
13	to let you know I have been in
14	communication with somebody who is
15	actually an expert in everything that you
16	mentioned, this is somebody who is
17	actually when we talk about somebody who
18	has written the book, she really has,
19	she's actually written the book.
20	And I've been in contact with her
21	about coming to one of our LaGuardia
22	meetings and hopefully we can put that
23	together. Thank you for bringing that up.
24	CO-CHAIR BROWN: And I just want
25	to say that we would even lend you our

		Page 113
	1	citizen member Dawn Semple, who is
	2	she's an environmental specialist, she is
	3	a professor at York College and her field
	4	is air quality and air pollution.
	5	So if you want a presentation,
	6	because she did a presentation for JFK,
	7	Dennis is our noise expert here. And so
	8	both Dr. Graham and Dr. Semple, we're
	9	sharing them with you.
1	0	MR. CLAVIN: I live in New Hyde
1	1	Park and so does my friend Andrea.
1	2	I spoke at the last JFK meeting.
1	3	I do appreciate, it has been slightly
1	4	better, the use of the VORDME approach,
1	5	that's another version of what everybody
1	6	calls the arch of doom. There's two
1	7	routes into 22 left, and I really
1	8	appreciate for those who live in the area
1	9	and that all the top levels of the
2	0	complaints that the VORDME approach is
2	1	much better than the ILS because it is an
2	2	offset.
2	3	And talking about what I don't
2	4	know happens, I know that the two of them
2	5	correlate with efficiency, but the LDA
1		

	Page 114
1	•
	approach at LaGuardia which actually goes
2	over the water into the 22s, I don't know
3	even when the construction isn't taking
4	place, that's one route that I would like
5	to see reinstated, because again when
6	you're talking about air quality and noise
7	pollution and all of that, it's just it
8	seems like it went by the wayside.
9	And I can't see who would complain
10	about something that goes directly over
11	the water and it used to be used almost
12	all the time.
13	But anything that could continue
14	to be done to mitigate the noise into 22
15	left during and after the construction by
16	using the VOR approach, I'd appreciate it.
17	MR. HUISMAN: Thank you very much.
18	MS. MILLER: I don't see any
19	difference. I mean, it's all night long
20	sometimes losing sleep. What else it's
21	doing to me with the air pollution?
22	And I just think it's we pay
23	high taxes to live in these communities,
24	we shouldn't have such an unpleasant
25	experience where I can't go outside, I

	Page 115
1	can't open the windows I can't enjoy the
2	summer or all year.
3	MR. CLAVIN: Especially that seven
4	to ten window is where we're talking
5	about. And they said that it's not the
6	busiest time between seven and ten, that's
7	actually the time where there's more
8	flexibility, that's what the FAA has
9	stated to me in the past, as opposed to
10	like 3:00 or 4:00 in the afternoon.
11	MS. MILLER: It's the middle the
12	night that's bothering me the most.
13	MR. HUISMAN: We hear you. We
14	will take that back.
15	I'm going to turn this over any
16	more comments from the public or the
17	committee? I know it's late, I'm going to
18	turn it back to the co-chairs.
19	CO-CHAIR WARREN: Motion to
20	adjourn?
21	All in favor?
22	(Chorus of ayes.)
23	CO-CHAIR WARREN: Thank you,
24	everyone. Thank you.
25	(Time noted: 9:26 p.m.)

CERTIFICATE  CERTIFICATE  STATE OF NEW YORK  : SS.:  COUNTY OF QUEENS  I, NICOLE ELLIS, a Notary Public for and within the State of New York, do hereby certify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.		Page 116
STATE OF NEW YORK  : ss.:  COUNTY OF QUEENS  I, NICOLE ELLIS, a Notary Public for and within the State of New York, do hereby certify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.	1	
3 STATE OF NEW YORK 4 : ss.: 5 COUNTY OF QUEENS ) 6 7 I, NICOLE ELLIS, a Notary Public for and 8 within the State of New York, do hereby 9 certify: 10 I reported the proceedings in the 11 within-entitled matter, and that the within 12 transcript is a true record of such 13 proceedings. 14 I further certify that I am not related to 15 any of the parties to this action by blood or 16 by marriage and that I am in no way interested 17 in the outcome of this matter. 18 IN WITNESS WHEREOF, I have hereunto set my 19 hand this 9th day of July 2019. 20 21 22 23 24 NICOLE ELLIS		CERTIFICATE
: ss.:  COUNTY OF QUEENS  I, NICOLE ELLIS, a Notary Public for and within the State of New York, do hereby certify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN MITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.		OTT TO AD NOTE WARE
T, NICOLE ELLIS, a Notary Public for and within the State of New York, do hereby certify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.		, , , , , , , , , , , , , , , , , , ,
I, NICOLE ELLIS, a Notary Public for and within the State of New York, do hereby certify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.		
I, NICOLE ELLIS, a Notary Public for and within the State of New York, do hereby certify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.		COUNTY OF QUEENS )
within the State of New York, do hereby certify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  MICOLE ELLIS		T NICOLE BLIEG a Nataur Dublic for and
gertify:  I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  NICOLE ELLIS		
I reported the proceedings in the within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  NICOLE ELLIS		- · · · · · · · · · · · · · · · · · · ·
within-entitled matter, and that the within transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  NICOLE ELLIS		-
transcript is a true record of such proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  NICOLE ELLIS	10	I reported the proceedings in the
proceedings.  I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  NICOLE ELLIS	11	within-entitled matter, and that the within
I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  IN WITNESS WHEREOF, I have hereunto set my NICOLE ELLIS	12	transcript is a true record of such
any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  20 21 22 23 NICOLE ELLIS	13	proceedings.
by marriage and that I am in no way interested in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  20 21 22 23 NICOLE ELLIS	14	I further certify that I am not related to
in the outcome of this matter.  IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  20 21 22 23 NICOLE ELLIS	15	any of the parties to this action by blood or
IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of July 2019.  20 21 22 23 NICOLE ELLIS	16	by marriage and that I am in no way interested
19 hand this 9th day of July 2019. 20 21 22 23 NICOLE ELLIS	17	in the outcome of this matter.
20 21 22 23 24  NICOLE ELLIS	18	IN WITNESS WHEREOF, I have hereunto set my
21 22 23 24  NICOLE ELLIS	19	hand this 9th day of July 2019.
22 23 24  NICOLE ELLIS	20	
24 NICOLE ELLIS	21	
24 NICOLE ELLIS	22	$\rho$ $\rho$ $\rho$ $\rho$
24 NICOLE ELLIS	23	Jane Rose Reporting
25	24	NICOLE ELLIS
	25	

A
abate 35:4
abatement 54:19 56:5
92:25 93:9
<b>able</b> 60:13 65:5 71:20
74:22 92:17 103:24
104:7,15
absolutely 100:18
accentuate 107:15
accept 107:20
accepted 57:21 59:7
59:25 60:1,16 64:11
accomplished 58:16
accountability 73:13
108:12
accounts 107:13
accurate 30:7 43:7
80:17
achievement 95:21
act 5:10 82:14 83:1,23
84:2,3 108:21
action 116:15
actively 27:7 activities 47:17 91:3
activity 35:22 45:25
acts 83:5
actual 94:17
add 69:9
addition 23:4 55:8
additional 106:5
address 38:22 44:15
52:9 70:18 73:7
78:19 88:4 95:7
addressed 80:22
82:22 95:8 109:24
addressing 71:9 72:1
84:17
adds 107:9
Adeel 4:9 16:6,7,10
21:19 40:6 43:19
56:24 67:15
adjacent 40:25
adjourn 115:20
Adjournment 5:17
administrative 13:11
advise 108:2
advisors 12:22,23
advisory 54:16 55:17
55:21 58:3,12 61:2 62:7 97:18 101:8
affect 86:9 affiliated 12:19,20
<b>AFLCIO</b> 97:2
afternoon 58:9 115:10
agencies 42:9,11 43:4
44:15 54:20
agenda 15:7 52:14
<b>agonia</b> 10.7 02.17

```
82:13 90:15
ago 48:12 61:6 69:17
  74:15 87:1
agreement 68:14 84:1
ahead 108:3
air 31:9,9 40:2 50:22
  51:13 62:18 63:22
  64:1 69:15,22 70:2
  70:16 85:6,21 86:18
  87:3 94:13,16,25
  95:5 98:7,11 110:5,6
  111:11,12 112:10
  113:4,4 114:6,21
aircraft 16:18 33:9
  68:8,15 85:12 86:1,4
  88:24 89:2,18,25
  90:3 107:7,11
airlines 60:19
airnoise.io 18:9
airplane 84:7 103:8
airplanes 110:9,10
airport 2:2 3:2 4:3
  5:13,14,15 8:24 11:7
  22:8,13,17 23:9,24
  24:16 25:15,22 27:4
  27:10 28:1 29:8
  30:24 32:3 40:25
  41:3 45:21 46:3 50:9
  54:10 56:3,18 68:20
  69:2 87:14 90:15.20
  93:11,13 94:20,25
  95:16 96:12,17 97:7
  98:14 104:21,25
  105:3.4.5 109:2.2
  111:3,3,22
airports 15:17 19:6
  24:21,23 47:15 50:1
  50:2,23,25 51:1,10
  51:11 52:21 54:8
  55:7,11 63:2
AirTrain 102:1,11,12
Airways 9:13
Akshor 3:10 8:10
  10:20
Alam 8:4.4
Albany 100:4,23
Alexandria 3:6
Ali 2:19 7:3,3
Allan 3:8
alleviate 71:1
alleviated 71:20
alley 110:16
allow 10:15
allowed 70:4
alternative 84:7
amazed 56:25
ameliorated 96:22
```

amount 86:20 107:16
analyses 67:14
analysis 21:23 57:12
66:9 72:7
analytical 62:17
analyzed 66:5
Anavex 110:7
<b>Andrea</b> 113:11
Andrew 47:24 65:11
65:14,18 73:7
and/or 15:12
<b>Anna</b> 2:9 7:7 100:2
announcement 82:16
announcements
35:22
answer 47:6 59:12
61:18 63:18,21 64:3
64:21 65:8 74:23
75:5 81:4,11 99:19
answered 60:4
answering 61:20
anticipating 59:18
anybody 69:2 84:16
94:3 99:3 105:19
109:23
anymore 48:7 72:11
anyway 91:8
apologize 36:24 63:6
<b>app</b> 40:3
Appearances 2:25
3:25
appreciate 103:12
113:13,18 114:16
apprenticeship
100:14
apprised 62:8
approach 113:14,20
114:1,16
<b>apps</b> 25:7,8,16,18 26:3,17,18 37:13
<b>April</b> 14:16
arbitrary 32:7 68:1
arch 103:19 113:16
archaic-type 17:5
area 21:4 34:21 45:5,8
45:9 52:6 65:16
69:15 86:6,8,23 87:2
87:22 94:23 113:18
areas 32:21 33:7,9
42:15 50:11 69:24
95:9
argued 31:24
arrivals 45:12 80:8
article 33:6 68:13
asked 9:22 36:16
39:15 42:6 43:15
91:11,18 94:1 95:14
01.11,10 07.1 00.14

```
95:25
asking 15:14 37:1
  53:10 75:11 79:11
  79:12 82:25 83:4
  91:5 92:12 95:2 96:9
  97:19,25 107:23
asks 94:14 95:22
Assembly 107:3,25
  108:20
Assemblyman 2:16
  3:12,13,14 7:9,21,25
  8:3,5,6,7 106:11,25
  107:23 108:3
Assemblywoman 2:11
  2:13,15 11:8 42:2
assess 107:21
assessment 101:11
  101:12
assigned 23:23
assistance 108:23
associations 10:10
assuming 83:12,21
assumption 80:17
  85:24
asthma 111:7
Atlanta 70:23
atmosphere 111:16
attend 9:6 10:4 82:8
attended 10:5 80:24
attenuate 32:1
attribute 29:3
AUDIENCE 99:1
  100:25
audiences 20:2
audit 108:11
Authority 1:1 4:8 9:1
  12:6,20,21 13:1,5,7
  13:8 16:8,11 17:24
  18:23 20:7 21:13
  31:5 34:25 35:8,15
  36:20 37:24 40:7
  42:5,25 43:16,22
  44:10 46:25 50:13
  50:18 51:10,14 54:5
  56:8,12 67:6,11,16
  70:4 74:17 76:3
  77:12 82:21 91:9,17
  97:22 102:2 105:1
  109:18
Authority's 16:11,18
  52:15 67:22
available 20:19 51:25
average 89:5 106:6
  107:4
aviation 1:4 4:5 6:11
  6:17 12:7 15:21
  17:21 20:7 21:12
```

91:16 96:8 **aware** 37:6 aves 115:22 A3063 107:2 В **B** 5:15 59:12 back 12:14 14:13 38:9 52:25 54:2 61:11 65:18 70:14 71:8 73:6.11 75:6 81:16 87:6 90:12 91:4 94:9 106:9 108:8 115:14 115:18 background 17:1 bad 6:6.7 baffles 74:11 Barbara 1:9 2:10 6:11 11:4,5 13:17 16:15 56:4,17 66:17 101:20 108:17 Barbara's 60:5 barely 91:7 Barnwell 3:13 8:1,3,5 based 45:17 basic 17:10,12,17 76:1 basically 18:14 19:1 23:23 24:19 51:12 67:5,25 70:3 77:9 93:22 basics 17:2 basis 39:2,13 40:3 42:19 46:23 Bayside 10:7 34:21 45.5 **Becce** 3:4 8:14.14 40:6,15 104:8 106:12,17 beginning 21:10 80:25 81:9 behalf 69:7 100:2 behavior 46:3 **believe** 13:23 16:6 18:21 37:14 80:18 86:24 109:3 benefit 92:3 94:10 95:14 benefits 92:7,11,11 93:16 96:9 97:24 best 50:12 81:17 better 32:12 100:13,16

113:14,21

beyond 27:24 74:7

big 20:3 45:4 86:20

**bill** 4:4 6:17 15:20

Beverly 9:14

16:16 20:10 29:19 34:18 40:12.13 106:21 107:2 108:21 billion 92:5 **billions** 111:23 bills 108:21 bit 35:4 blob 45:4 blood 48:4 116:15 blue 24:1,17 28:6 board 2:19,20,21 3:18 3:20,21,22 6:12 7:2 8:18 9:17 11:16,23 14:13 110:19 **boards** 15:13 Boccia 3:3 8:21,21 bone 87:6 book 112:18,19 Borough 2:7 3:9 7:11 7:19 97:16 bothered 30:19 bothering 115:12 **bottom** 26:13 Boulevard 11:14 110:15 111:19 **bounce** 14:10 **Boyce-Charles** 2:6 7:18,19 32:16 68:4 69:10 71:23 72:6 85:20 brainstorming 18:22 **Braunstein** 3:12 7:21 8:6,7 34:5,22 36:2 36:25 79:18 80:10 81:5.24 **breathe** 111:18 Brian 3:13 7:25 8:3,5 briefed 71:12 briefings 54:17 briefly 53:21 bring 32:14 75:20 81:15 bringing 90:12 112:23 broader 66:24 98:24 **Brooks** 65:11,14 Brookville 30:11 34:1 34:2 49:11 brought 34:24 100:12 100:21 104:19 106:10 Brown 1:9 2:10 6:12 9:14,14 11:5,6 13:18 14:4 29:17 37:9 41:22 47:21 48:16 48:22 49:3 51:19 52:13 65:21 72:18 82:3 83:19,23 84:14

84:21 85:4,18,23 86:10,13 87:10,20 88:1.16.21 90:6 99:18 101:4 112:24 **build** 110:24 building 97:5 110:20 **built** 101:3 110:22 111:3 bureaucrat 61:21 **busiest** 115:6 business 38:20 96:5 96:14 97:4 98:3 businesses 97:12 **bylaws** 12:13

С **C** 2:1 3:1 4:1 59:12 116:1,1 calculations 107:11 calendar 15:3,5 73:20 75:9 California 106:2,4 107:19 call 11:13 17:6 30:9 38:4,5,16,21 112:6 called 37:25 38:9 49:12,12 106:4 107:2 110:15 **caller** 38:18 callers 39:8,10 calling 12:6,9 38:19 95:17 calls 18:14 32:24 49:17 113:16 cancer 110:16 111:8 **Cao** 3:14 capricious 68:2 care 10:11 69:3 career 96:6 case-by-case 39:13 40:3 categories 93:23 category 93:24 94:11 95:10 96:3 Cathy 104:13,15 cause 15:23 24:10 34:1 37:4 38:3 43:8 53:22 56:3 58:7 61:21 62:21 84:22 85:5 91:7 94:20 101:2 **causing** 111:17 **CB9** 7:4 certain 13:8 21:3 42:19 61:22 71:15 79:22 80:19 91:2 92:13,14 106:6

certainly 85:6 99:20 certify 116:9,14 cetera 59:12,20 60:19 61:24 **chair** 7:1,3 8:15 10:1 97:17 98:16 104:8,9 104.10 chairperson 10:25 11:6 chance 10:3 change 23:21 27:8,11 70:5 72:9 75:1 86:21 changed 75:3,4 changes 86:19,19 87:4 changing 31:9 **charge** 61:12 charged 54:5 chart 45:21 46:12,13 46:15 charts 34:9 check 27:11 28:16 chief 7:6 10:20 **Chorus** 115:22 **Chris** 8:21 Christopher 3:3 **circles** 27:20 circular 96:19 cities 22:19,23 32:4 49:9 citizen 2:22,23 3:23 9:11 11:13,23 45:18 104:12 113:1 city 17:14,16 22:18,21 40:16 41:25 46:16 106:7 civic 10:10 civilian 11:12 clarification 87:12 clarify 66:16 **CLAVIN** 113:10 115:3 **clear** 67:4 **Clive 2:21** close 30:19 53:25 92:21 110:10 closed 25:3 61:8 closely 17:24 closer 89:25 closest 86:24 closing 36:11 closure 34:13 35:20 35:23,25 45:11 closures 35:3 **cloud** 18:3 **CNEL** 106:5 107:5,9

107:18.20 109:11

collaboration 42:22

43:16,18,25 44:14 colleague 16:22 21:8 collected 29:23 collecting 30:25 31:24 51:21 College 113:3 **color** 24:15 colors 23:24,24 column 40:21 combined 27:1 43:9 come 12:22 15:19,20 18:5,10 26:20 31:13 44:16 55:16 68:7 98:23 99:13 102:23 106:14 comes 12:23 19:13 43:1,1,17 57:18 70:23 71:4 75:20 80:1 coming 15:6 16:7 17:2 29:19 33:22 37:23 73:4 94:8 98:13 99:23 103:20 110:10 112:21 comment 5:16 29:21 49:4,22 58:23 59:5,8 60:25 63:12 78:11 78:12 82:10 90:19 comments 58:24,25 60:14 73:24.24 115:16 commitment 56:9 62:6 committee 2:2 3:2 5:13,14,15 7:4,13 8:15,24 11:7 54:16 55:21 58:3,12 61:3 62:7 71:6 82:20 88:2 89:12 90:9,15,20 93:11,11,14 98:14 98:17,18,21 101:25 102:16 108:1 111:10 112:5 115:17 committees 4:3 32:3 55:17,23 91:2 communicating 35:1 42:12 communication 35:15 42:8,22 112:14 communities 10:17 19:7 29:4 41:20 49:15 91:13 92:14 92:19 93:20 96:11 96:17 97:7 100:15 114:23 community 1:4 2:19

2:20,21 3:18,20,21

3:22 6:10,12 7:2 8:18 9:17 11:15 12:7 15:13 32:13 51:16 54:17 84:17 92:3,7 92:11 93:16 94:10 97:24 98:22 100:17 107:6 110:19 112:3 company 17:20,21,23 comparisons 26:5 compatibility 52:20 55:4,12 57:18 58:1 59:1,16 60:12 complain 34:3 35:14 114:9 complainant 19:13 complainants 26:20 39:1 complaining 32:23 33:21 35:6 81:8 complains 39:1 complaint 17:14,16 18:1 19:17 21:15 30:9,10 37:24 39:21 39:24 42:4,20 43:21 44:3 46:6,19,25 complaints 16:14 17:11,15 18:5,8,10 18:12 19:12,23,24 21:22 23:6,9,11,12 23:13.17.20 24:8.11 24:13,20,22,24,25 25:6,9,14,18,20,22 25:23 26:1,7,15,16 26:18,25 27:2,8 28:1 28:10,22 29:2,7,9,11 29:14,16,25 30:12 30:15,16,17 31:1,2 33:4,16 34:8,10,13 34:20 36:3 37:5 38:15 39:12,14 40:16 41:2 42:12 43:9,18 44:21 45:8 45:25 46:11,12 47:13,20 52:4,6 113:20 complete 53:5 79:16 95:2 completed 54:14 55:6 59:22 91:19 completion 78:24 complex 51:13 64:1 87:9 complexity 62:18 63:22 64:8 comprehensive 94:16 95:3

computer 60:18 62:16

<b>concern</b> 56:4 61:1,7 87:22
concerned 52:22
70:16 75:10
concerning 103:10 108:11
concerns 23:3 32:24 65:4 84:18
concluded 74:9
conclusion 30:7,18
73:13,16,19
concrete 36:5 37:1 conduct 108:24
conducting 102:4
conference 100:23
configurations 23:15 conflict 13:3
conflicts 103:21
confused 76:19
congratulations 104:13
Congress 108:11
Congressman 2:3,4,5 3:3,7 7:15 8:20,22
9:19 97:15 110:17
Congressman's 69:7
Congresswoman 3:4
3:6 8:9,16 108:9 connected 96:7
connection 55:9 95:20
Conner 2:16 7:8 37:12
Connor 2:3 9:18,18 63:13 64:14,20
Conservation 108:23
consider 56:9 94:9
consideration 33:25 80:1
considered 72:25 73:2
87:8 93:2 94:4 98:1 98:1
considers 97:23
consistent 43:24
consistently 24:2 Constantinides 3:17
8:13 110:18
constantly 100:12
constituents 35:13 36:7 37:3
construction 35:11
96:15 105:21 114:3 114:15
consultant 78:20
consultants 57:8 67:11,22
contact 99:14 112:20
contain 106:21
contention 87:7
Ī

continuously 20:24 contract 17:20,23 **contractor** 74:17,20 contracts 96:16 contributing 75:15 control 31:9 Cont'd 3:1 4:1 conversation 100:11 conversations 100:21 cooperating 43:6 coordinate 42:18 coordinating 42:11 67:13 82:20 88:2 89:12 90:9 108:1 coordination 42:7 67:20 **COPD** 111:8 copy 1:24 108:10,15 cord 6:25 correct 67:2 correctly 73:12 correlate 113:25 correspond 44:25 corridor 41:6 Costa 3:17 8:13 Costello 4:6 9:12.12 council 4:5 15:21 97:18,21 101:9 Councilman 3:15,17 8:13 110:18 counsel 6:18 7:6 count 52:4,5 83:16 112:7 County 2:18 9:8 103:9 116:5 couple 11:20 29:11 44:19 83:24 87:1 101:23 course 15:18 **Court** 1:16 cover 54:20 covered 51:8 co-chair 2:10 3:19 6:2 6:10,22 9:4,20 11:4 11:5,6,9,18 13:18 14:3,4 28:19 29:17 37:9 41:22 47:21 48:16,22 49:3,22 51:19 52:13 60:24 65:21 72:18 77:8,17 77:22 78:5 82:3 83:19.23 84:14.21 85:4.16.18.23 86:7 86:10,13 87:10,20

continue 2:25 3:25

36:9.14 114:13

continuous 72:22

88:1,16,21 90:6 99:18 101:4,19 109:8 112:11.24 115:19,23 **co-chairs** 1:12 115:18 **CO2** 110:8 crazy 57:15 74:12 **create** 49:25 creating 100:14 **credit** 98:15 critical 82:12 cross-reference 42:14 Cullen 3:16 8:12,12 **Cuomo** 12:5 curfew 104:24 105:2 curious 49:9 74:7 Curran 2:18 9:9 current 73:9 currently 69:14,22 88:7 107:18 cursory 58:21 cut 105:9 D

**D** 5:1 84:6 daily 46:23 data 20:24 21:3 24:6,9 29:22 31:6,11,25 32:1,12 51:24 52:8 86:21 database 17:9,10 18:11 date 54:14 55:6 59:17 59:18 73:13,16,19 dates 15:2 **David** 31:21 Dawn 2:22 113:1 day 14:25 50:25 51:6 105:20,24 116:19 days 38:21 39:3 88:18 88:25 89:19 day/night 89:5 105:17 107:4 deadline 84:19 88:10 deal 36:2 85:5 99:22 dealing 72:1 88:18 deals 36:4 68:9 85:6 87:3 deaths 111:17 **December** 10:5 14:22 decent 72:22 decibel 107:10 decibels 105:22,23,25 decided 18:25 decision 31:14 56:13 67:7 88:7 102:25 decisions 63:9 67:5

decision-makers 31:6 31:13 40:8.10 declined 63:23 dedicated 35:25 39:7 43:12 **Deer** 68:16 defeat 71:24 definition 81:2 delay 57:25 delayed 59:15 delivered 74:15 delivering 74:18 democratic 100:23 demographic 41:23 49:16 **Denise** 3:18 7:1 Dennis 2:6 8:23 31:23 113:7 density 29:4 depart 41:13 departing 41:9 department 91:16 108:22,24 departure 41:16,17,19 45:6 departures 34:14,19 41:12 45:7,10,14 80:8 **depends** 23:14 depicted 19:20 **deputy** 10:20 described 78:14 designed 17:25 detail 19:9 detailed 21:23 details 48:14 deter 46:2 47:17 determine 57:12 developed 15:23 28:13 62:9 98:25 development 4:5 6:18 15:21 76:4 96:5 108:16 dial 18:7 difference 80:5 81:13 114:19 different 23:14 24:15 24:16 26:6 27:9,9,11 58:7 59:9 61:19 71:8 71:10 72:9 80:4 93:23 103:18 106:15 109:15 difficult 44:5,8,13 dinner 107:17 110:2 110:11

direct 108:22

directed 65:6

directive 12:5,8 directly 78:20 92:2 114:10 director 91:15 disappeared 62:25 discount 57:14,15 discuss 90:10 108:2 discussed 18:25 59:5 63:1 73:25 76:16 99:9 103:8 discussing 86:3 discussion 48:17,19 57:4 71:14 80:20 81:25 100:24 discussions 56:23 57:5 69:7 74:21,24 93:4 100:4 displaced 97:10 distance 27:22,24 distinct 22:3 distribution 16:16 23:19 44:21 disturbing 110:11 **Ditmars** 11:14 110:15 111:19 divided 93:22 **Dmytryszyn** 4:11 8:25 8:25 53:20 61:17 64:9,16,23 66:4 67:1 67:10 69:6 73:15.21 74:19 75:18,25 76:8 76:14,23 77:15,19 78:8 79:1,15 80:6,18 81:15 82:1 **DNL** 33:18,19 94:3,4 95:20 105:17 107:3 document 58:19 62:1 73:25 95:23 doing 10:25 18:20 34:25 36:14 59:23 84:2 85:2 93:12 99:5 99:11 114:21 dollars 111:23 dominant 26:12 doom 103:19 113:16 doors 25:3 61:9 dot 15:4 32:9,10 doubt 47:4 dozen 54:21 Dr 113:8,8 draft 57:17 58:1 64:10 73:22 79:4 draw 30:18 drawing 14:13 drill 110:23 dropped 48:6

drying 111:7

dual 45:19 due 63:21 64:7 86:19 107:16 dumbed 62:21,22 dump 110:23 111:4 **Dunleavy** 2:16 7:8,8 37:8,12,12 **D.C** 86:25

E **E** 1:9 2:1.1.10 3:1.1 4:1,1 5:1 116:1,1 earlier 52:17 ears 10:14 ease 37:3 easily 28:4 East 40:21 45:20,22 46:5 47:5 52:5 110:14 easy 12:11 24:3 economic 89:9 96:4 Ed 7:21 educate 38:21 68:10 education 95:10 Edward 2:16 3:12 7:9 8:7 Edwards 2:4 8:19,19 effect 104:24 109:11 effects 94:25 107:21 efficiency 79:25 80:3 80:3,7,13,16 81:2,6 81:10,13 113:25 efficient 90:1 effort 36:9 68:24 eight 54:22 **EIS** 59:10 103:6 either 73:24 92:2.8 elaborate 65:8 **elderly** 111:18 elected 10:8 11:25 15:11 20:9 35:13 40:13 elections 104:7 Ellis 1:16 116:7,24 Elmhurst 40:22 45:20 45:22 46:5 47:5 52:5 110:14 Emission 84:24 emissions 85:2 emit 110:14 111:1 emitting 110:8 ended 104:2 enforcement 11:16 engage 39:19 engineer 56:21 engineers 111:13

enjoy 115:1 ensure 43:6 entire 18:14 21:9 51:8 entirely 79:20 entities 44:9 entity 55:2 environment 98:5 environmental 56:21 101:12 102:4 108:18 108:22,25 113:2 environmentally 90:3 equally 23:6 25:9 equation 28:24 equipment 105:21 equivalent 107:6 especially 22:25 115:3 essential 53:12 90:21 essentially 93:1 97:13 establish 12:9 107:5 **estate** 33:10 estimate 78:24 et 59:12,20 60:19 61:24 evaded 111:15 evaluate 87:16 evaluated 57:16 59:1 61:23 63:1 69:23 76:17 88:8 evaluating 79:21 evaluation 69:14 72:5 74:21 78:9 79:13 84:8 evaluations 60:14 62:14 evaporated 111:16 evening 6:2,16 9:25 16:9 21:11 53:20 106:6 107:13,15 everybody 6:3,15,17 6:22 10:3,16 13:14 31:16 50:6 54:1 62:23 79:2 86:14 89:10 102:21,24 106:15 110:1 113:15 everybody's 33:25 exactly 64:3 example 66:10 98:12 **Excel** 52:2 excellent 72:20 excruciating 48:1 **executive** 2:18 9:8 91:15 existing 64:4 87:16 expect 35:10,14 federal 44:10 105:5 expected 35:4

experience 67:23

114:25

expert 65:15,16 71:18 112:15 113:7 expertise 67:13 experts 67:21 explain 76:24 81:19 86:11 106:14 explained 57:23 59:6 66:12 69:17,19 77:5 104:23 explaining 65:14 explanation 57:20 60:15,16 64:10 66:24 78:13 80:2 **exposed** 57:1 105:22 105:24 exposure 54:23,24 55:3,5,13 60:11 89:2 expressed 61:14 e-mail 52:9 e-mailing 32:24 e-mails 20:11

**F** 116:1 **FAA** 4:15,16 5:10,12 7:22,23 12:21,23 13:7 18:23 20:3,4 31:4,10 34:14 40:9 40:12 42:5 43:12,14 43:17,20 44:1 50:3 50:10,14,17,19 54:7 54:18 57:6 58:15,21 60:18 62:2 65:12,15 66:10 67:6,14,19,23 68:15 69:8 70:21 74:1,24 77:4,12 82:14,21 89:15 102:4 103:9,12 105:6 106:21 107:19 109:18 115:8 facilitator 4:4 6:19 facing 101:25 fact 57:1 62:11 facts 32:20,20 fair 97:3 fall 54:4 familiar 59:10 79:20 **family** 107:17 far 27:25 43:17,24 52:22 70:16 79:12 98:8 102:16 108:18 fashion 65:6 favor 102:10 115:21

108:6 109:6

feel 33:1 61:3 81:24

feedback 19:2

figure 24:18 52:3 figured 60:6 figures 21:25 25:10 file 29:7,10,15 30:9 43:13 filing 30:15 39:1 104:22 final 1:24 12:15 63:9 73:22,25 81:1 finality 73:17 finalization 61:25 finalized 59:3 finally 97:4 112:2,3 find 27:14,25 64:2 77:13 85:25 fine 46:1 finished 90:19 first 6:13 8:14 14:22 14:24 22:7 38:15 39:11 45:20 46:4 52:25 53:21 75:7,8 76:20 93:23 104:18 **first-source** 96:9.10 first-time 39:7 **Fischedick** 2:17 9:7,7 fit 56:11 87:13 five 27:23 38:20 76:11 76:11,15 83:12 94:19 107:10 **five-page** 82:15 fix 36:13 flag 41:4 85:8 flexibility 115:8 flight 23:14 35:22 39:18 44:25 45:17 47:20 50:4,10,20 51:5,6,8 94:8 98:11 **flights** 50:24 51:15 70:6 85:21 92:15 floor 29:18 83:11 flurry 108:5 Flushing 40:18,21 41:1,2,10 45:5 fly 41:10 68:15,16,17 85:21 93:21 flyable 78:3 flying 38:7 98:8 107:12 focus 111:11 folks 67:4

feeling 32:8

feet 68:17.20

field 53:14 113:3

feels 68:8

**fields** 96:7

fight 112:2

Figueroa 3:7

follow 38:1 83:6 87:11 following 2:25 3:25 38:13 followups 38:24 forever 6:7,7 form 18:7 39:12 43:13 forth 12:14 24:17 29:25 forward 16:7 29:20 102:20 found 62:15 four 14:6 19:6 50:23 50:25 52:21 54:6,7 54:11 55:7,10 93:23 fourth 14:15,16,16,17 Francisco 50:9 51:2 Frank 3:23 11:9,11,19 45:18 46:24 104:12 104:13 112:11 Frieda 2:5 7:14 friend 47:24 113:11 friendly 10:15 90:3 **Fruize** 2:19 frustration 35:12 fuel 90:1 full 78:2 funded 99:22 funding 105:6,6,7,11 105:12 further 22:16 116:14 future 109:20 G

G 3:11 5:1 garage 111:4 garbage 110:23 Gardens 1:6 Garippa 3:22 9:16,16 gases 110:7,8,13 111:1,15 gathering 61:25 general 20:13 53:24 80:12 generic 20:22 gentleman 38:5 77:1 getting 33:3,21 49:21 57:25 58:10 74:14 99:8,14 100:15 111.6 get-go 66:11 Gilbert 4:12 36:22,23 give 12:1 15:1,25 17:1 19:5,10 24:5,10 26:11 52:8 53:22 58:17 63:18 79:23 81:11 84:22 85:7

98:14 102:23 110:5

enhancements 97:5

givebacks 93:17
given 59:19 62:18
77:23 87:9 96:13
105:7
gives 27:5 49:20
giving 48:17 51:20
glad 16:12 21:14
111:24
gleam 16:2
global 60:8
<b>Gloria</b> 2:6 7:18 70:20
72:19
<b>go</b> 6:14 14:12 16:15
16:18,21,25 19:8
27:24 35:20 39:20
45:13 48:8 52:2
59:10 61:11 66:8
76:21 85:22 91:21
91:23 99:8,11 108:3
110:2 111:24 114:25
goal 31:5,11
goals 17:3
goes 20:4 22:16,25
40:13 46:2 58:22
68:2 90:8 105:20,23
111:9 114:1,10
going 9:23 10:21
12:14 14:9,12 19:25
19:25 21:16 29:17 29:20,21 30:5 35:7
29:20.21 30:5 35:7
35:10 36:9,13 38:2
38:10 40:4 41:6 49:4
49:5 53:4,13 59:20
59:22,24 60:1,1,13
61:8 63:10 64:8
01.0 03.10 04.0
65:13,17 66:22 67:8
70:2,6 72:1 73:16
74:9,12,13 75:1,23
76:11,13 77:1,13
78:14 79:23 81:10
81:22 83:2 84:2 87:5
88:3 89:11,12,15,22
89:24 90:9,10,16,17
90:21 92:16 93:1,19
97:8 101:1,8,21,22
102:19 103:2,3,4
104:4,21 105:14
104.4,21 105.14
115:15,17
good 6:2,16 9:25 11:2
16:9 21:11 24:7,10
31:11,11 34:25 <sup>°</sup>
51:20 53:20 62:10
75:14
gotten 72:10
government 44:11
108:12
1

```
109:4
Grace 3:4 8:16 108:9
Graham 2:6 8:23.23
  31:23,23 113:8
granting 97:25
great 10:23,24 103:13
greatest 95:14
Gregory 2:4 97:16
ground 30:11 67:18
  111:2
group 9:11 65:20
  70:23,23,25 76:7
groups 10:9 98:23
  102:10,11
guess 11:12 68:4 73:3
  81:1 83:19 102:13
guys 32:11 51:23
  111:23
```

Н Hakeem 2:5 3:7 7:15 halfway 53:17 Hall 106:7 hand 85:5 116:19 handling 18:15 **hands** 11:3 happen 74:4 75:23 89:11 100:9 101:13 103:2,3 happened 14:1 49:11 53:11 62:5 101:13 happening 10:12,13 68:23 100:20 happens 18:15 113:24 happy 12:13 21:5 hard 96:20 112:2 hate 61:19 62:10 heading 11:1 headquarters 44:4 57:6 heads-up 15:2 health 33:12 48:5 89:9 89:20 94:14,25 95:5 109:1 hear 53:24 54:2 69:20 80:11 84:3 115:13 heard 38:23 66:19 80:11 102:9,11,13 hearing 59:11 73:11 83:18 106:8 hearings 58:23 heights 40:22,24 41:12,21 45:9 held 102:3 106:8 helicopter 88:19 hell 33:23 **hello** 10:2

help 13:9,12,12 21:6 28:3 32:12 71:21 helpful 22:11.24 26:4 26:10 28:17 helps 27:25 89:25 hereunto 116:18 **Hernandez** 3:5 8:8,8 he'll 16:23 Hi 21:11 31:23 high 19:3,9 32:22 110:24 114:23 higher 29:14 43:8 48:13 highest 33:8 34:2 high-level 19:5 21:21 hiring 96:9,10 historical 19:22 hold 112:6 home 108:15 homes 33:5,11 68:17 68:18 69:1 hope 64:24 hoped 82:17 hopefully 54:1 58:4,10 59:21 65:3 78:18 88:11 103:23 112:22 Hoppenhauer 2:23 9:10,11 70:9 73:8,18 74:3 75:6,22 76:5,9 76:19 **horrible** 110:22 hotbed 103:7 hotline 18:6 hot-button 101:24 hour 85:22 hours 106:6 107:15 house 38:7 48:24 105:20 household 22:3,6,8,10 22:15,17,21 23:4,18 25:15,17 26:2,8,22 27:16,18,21 28:10 29:8,13 31:25 37:16 37:17,23 38:19 households 19:17,19 26:21 29:1,9 32:13 32:15 housekeeping 31:16 **houses** 32:6 Huisman 4:4 6:16,17 16:16 20:10 31:15

46:24 47:9 49:1

77:6,25 78:16

109:22 114:17

**Huisman's** 15:20

115:13

65:10 70:18 73:6

human 108:25 Huntley 91:14 92:23 Hyde 47:23,25 113:10 idea 58:17 80:5 ideal 80:2 identified 88:14 **III** 88:24 89:18,24 **ILS** 113:21 image 51:5 imagine 20:1 57:10 63:2 79:25 80:14 immediately 77:24 impact 33:19 69:3 72:2 95:16 98:6 102:5 impacted 29:1 33:12 33:13,14 37:18,20 49:21 97:8 impacts 89:9,20 93:19 107:8 109:1 implementation 108:13 importance 89:13 **important** 10:7 22:4 23:6 25:21 39:23 60:7 90:4 104:17 110:12 112:5,12 **imposes** 106:5 impossible 46:7 impression 49:20 65:22 **improve** 20:24,25,25 improved 97:12 improvements 42:16 inaccurate 81:23 include 94:2 included 56:22 including 10:16 incomprehensible 62:16 incorporated 58:25 incredible 87:9 independent 12:18 13:6,15 94:17 95:3 Indication 84:13,20 85:3 87:19,25 88:20 individual 21:23 24:23 26:2,9,24 54:7 industry 10:9 information 16:2 19:11 21:21 22:1,4,6 22:15,24 23:5 24:6 25:11 27:6 28:12,15 28:17 30:22 31:13

32:17 35:18 39:25

40:8 43:7,20,23 45:1 55:16 58:10.13 60:20 61:24 69:19 69:25 70:15 72:15 88:11,13 90:12 102:6,14 103:10 106:13 informed 82:11 102:25 initially 49:10 initiate 87:15 input 31:11 56:1 71:4 ins 68:11 inside 25:3 71:22 110:23 instance 30:10 integrate 44:6,8 intellectual 57:4 interested 13:25 20:16 83:17 84:16 85:15 87:17 96:1 116:16 interesting 27:15 29:24 32:17 intern 7:25 internal 20:9 44:2 67:6 internally 31:4 internal/external 18:24 International 2:2 109:1 interpreted 85:12 introduce 6:15 11:10 97:21 introduced 106:12 Introductions 5:4 invited 98:23 involved 19:7 61:16 99:7 Island 110:21,21,24 111:5 issue 16:14 39:15 71:9 76:3 79:20 100:5,18 101:24 103:7 104:20 112:12 issued 12:5,8 issues 22:12 23:3 30:4 38:22 44:16 48:5 54:19,19 71:1 71:15,17,19,25 74:23 item 5:3 15:7 52:14 82:13 items 90:14 101:23

governor 12:4 52:19

Jackson 40:22,24

41:12,21 45:9

**JANE** 1:15,25 January 14:2,5,17 Jared 2:17 9:7 Jeffries 2:5 3:7 7:15 Jeoff 7:24,24 **JERSEY** 1:1 4:8 **Jesse** 8:2 Jessica 3:11 **JetBlue** 4:6 9:13 **JFK** 2:2 5:14 8:24 11:7 14:20 15:18 22:9 23:13,25 24:16 25:18,23 28:25 29:10,13,14 34:12 34:14 35:3 36:1,12 37:15 47:18 52:23 56:7 63:14,17 64:1,4 69:18 70:6,24 71:5 71:13 76:7 90:17,20 92:4,6,20,25 93:11 93:13,19 94:21 97:18 98:13,21 101:17 103:22 109:1 111:25 113:6,12 JFK/LAGUARDIA 4:3 Joan 3:22 9:16 job 35:1 96:20 97:3 100:13 iobs 96:13,23,24 99:4 John 3:10 7:20 8:10 9:21,24 Jones 4:15 7:22,22 20:5 43:14,14 44:7 69:8.13 70:12 71:11 72:4,12 86:3,15 88:4 90:11 Joseph 2:4,12 8:19 42:1 43:3 44:5 Joshua 2:12 42:1 **July** 116:19 June 1:5 14:7,23 53:1 53:6.9 jurisdictions 54:22 justifications 95:24 Justin 2:3 9:18 65:19 65:22 66:17 Justin's 65:18

# K

Kaminsky 2:8 Kaminsky's 7:17 Kaplan 2:9 7:7 100:2 Katz 2:7 3:9 7:12,19 8:24 97:17 Keehan-Smith 3:18 keep 10:24 19:3,9

30:14 75:11 82:11

86:21 keeping 96:23 Keller 2:20 39:22 98:15 **Kelly** 61:12 Kennedy 54:9 56:2,18 kept 12:14 Kevin 4:6 9:12 **Kew** 1:6 killing 110:7 **Kim** 3:14 106:11,25 107:23 108:3 kind 42:13,21 43:5 44:11 53:21 58:6,7 59:7 60:21 61:17 62:20 65:4,7 68:22 72:6 76:1 83:15 86:14 87:6 92:17 99:5 kinds 16:2 30:8,17 41:23 97:23,24 knew 103:19,20,21 know 6:5 9:21 13:3,14 15:5,10 28:13 29:19 30:11,14 33:20 36:2 38:2 40:17 42:4,6 48:22 49:11 53:15 53:16,23 56:3,17 59:17 60:4 61:13 64:16.18 65:10 66:11,12 68:11,14 70:22 71:25 75:4,13 78:12 80:10 82:6 83:2 86:2 87:24 88:9 90:4 92:5 100:22 101:7 103:16 105:17 106:7 109:22,25 110:1 111:14 112:13 113:24,24 114:2 115:17 knowledge 50:12 79:7 knowledgeable

#### L

103:14

**Koo** 3:15

knows 50:6,15

L 4:16 Labor 14:25 lack 63:6 80:3 LaGuardia 3:2 7:13 8:15 15:17 23:10,12 23:14 24:1,17 28:5,7 29:1,4,12 34:19,23 36:17 40:25 41:3,15 45:22 47:12 52:23 54:9 56:2,7,18 63:14

63:16 64:1,5 70:7,25 71:5 90:18 101:18 101:25 102:1.10.12 104:21,25 105:3 109:2 111:2,3 112:1 112:21 114:1 land 54:19 larger 95:23 Larry 2:23 9:10 75:25 76:14 Larry's 70:20 72:19 late 109:23 115:17 latest 21:16 **Laura** 2:18 9:8 law 11:16 109:4 Lawrence 91:15 92:23 layman's 86:22 **LDA** 113:25 lead 84:24 85:1 learned 111:13 **leave** 17:7 ledger 110:20 left 61:4 113:17 114:15 legislation 106:12 107:1,24 108:5 109:6 legislators 106:11 Lei 3:8 7:10 104:10 lend 10:19 112:25 Leo 2:8 7:16 letter 42:21 108:10 let's 28:21 34:4 36:10 36:12,14 78:10 level 19:3,10 80:19 106:24 109:7 levels 15:16 23:1 32:22 33:8 89:6 94:18 95:21 105:18 107:4,6,19 108:7 113:19 **LGA** 5:15 licensed 56:21 life 33:14 lift 48:11 limitation 20:21 line 44:3 47:1 88:2 linear 44:24 lines 73:3 list 20:11,12 22:19,22 26:6 27:2 40:11,13 46:15 97:13 listen 17:8 102:20 listening 110:3 listings 33:10 34:3 little 27:19 35:4 44:12

44:14 51:15 89:14

92:16 98:4 Liu 3:10 4:10 7:20.20 9:22.25 Liu's 8:11 live 33:7,18,19 47:23 69:5 110:14 112:8 113:10,18 114:23 lived 48:10 living 32:21 33:23 local 95:18 97:6 locate 28:4 located 27:17 45:22 location 19:19 27:15 locations 19:20 27:18 log 28:16 51:6 long 36:11 114:19 longer 74:22 83:24 look 22:4 24:9 26:11 26:13,23 27:1 34:8 35:9 37:4 50:25 56:13,15 59:14 66:3 78:15 84:15 105:14 looked 34:9 69:2 75:6 75:7 82:17 looking 19:5 21:4 34:5 52:23 55:14 68:6 71:3 79:5 85:1 88:25 89:3 95:11 96:3,10 104:22 109:19 looks 88:1 lose 105:11 losing 114:20 lot 10:22 12:12 30:11 34:13,14,18,20 41:11 45:6,7 46:22 53:9 60:17 65:4 70:2 83:7 86:19 87:3 92:5 96:16 97:6,8 98:2,9 98:15 105:18 109:5 109:14,16 lots 28:14 louder 54:2 69:21 low 48:14 **Lui** 16:22 21:8,11 29:6 41:15 46:10,15,21 47:8,11,15,18 lunchroom 90:22,23 lung 111:8

# М

main 34:17 35:24 91:3 major 13:2 majority 84:15 making 32:23 48:13 67:4,7 96:12 man 39:23 manage 39:3 managed 17:11 40:5 management 18:1,15 31:10 74:8 manager 16:12 56:16 64:18 79:3 81:16 managers 20:5,8 managing 31:1,2 mandated 66:25 67:1 manner 58:20 60:21 manual 17:5 map 19:20 27:17,19 27:22 28:5,7 30:13 32:9,10 46:11 51:7,7 54:24 55:3,13 maps 21:25 44:19,20 54:23 55:5 60:11 March 12:4 14:23 102:2 Maria 3:4 8:14 104:8 106:12 109:9 Marie 3:7 mark 83:9 marriage 116:16 master 93:14 98:16,18 material 108:7 Matteo 2:14 6:20,20 matter 31:15 65:16 105:23 116:11,17 mean 44:7 48:3,6 62:3 73:15 75:24 76:15 78:8,17 81:12 85:13 103:11 105:18,19 114:19 meaning 67:21 73:22 **means** 19:7 meant 73:21 measure 57:3 63:22 measured 105:16.17 measurements 107:11 measures 56:6 57:19 59:25 60:10 62:15 63:3 66:5 92:25 measuring 107:7 mechanism 99:6,21 Meeks 2:4 8:20 97:16 meet 11:17 14:21,23 81:6 meeting 10:6,21,24 13:21,21,24 14:1,14 14:15 34:24 36:17 36:18 53:1,7,9,15 56:23 58:12 61:5

62:13 64:25 65:3,7

71:13 72:21 75:20

75:23 76:9 78:19,22

65:23 69:16,18

00.0 40 00 00:0
82:6,16,23 83:3
84:12 90:13 93:6
97:20 102:6 103:25
110:19 113:12
meetings 10:4 12:22
12:23 14:6,21 15:6
30:18 32:3 54:16,18
55:22 56:20,23 58:8
63:14,15 65:24
66:19 80:23 92:19
93:5 102:7,23 104:4
93.3 102.7,23 104.4
112:22
meets 14:7
Melinda 2:7 3:9 7:12
8:24 97:17
member 2:22,23 3:23
9:11 11:13,15 12:24
5.11 11.13,13 12.24
12:25 45:19 61:2
99:1 100:25 113:1
33.1 100.23 113.1
members 4:17 11:22
11:22,24,24 58:4
11.22,24,24 30.4
59:24 61:15 82:7 84:13,20 85:3 87:19
94.12 20 95.2 97.10
04.13,20 03.3 07.19
87:25 88:20 98:17
100:22 104:12
100.22 104.12
107:25 108:11
Meng 3:4 8:16 108:9
Menos 2:5 7:14,14
mention 109:5
mentioned 16:15
19:14 20:14 21:19
19:14 20:14 21:19 30:3,23 31:19 40:6
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:21 Michelle 2:20 3:5 8:8
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15 middle 40:20 48:2
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15 middle 40:20 48:2 80:25 115:11
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15 middle 40:20 48:2 80:25 115:11
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15 middle 40:20 48:2 80:25 115:11 miles 27:23,23,24
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15 middle 40:20 48:2 80:25 115:11 miles 27:23,23,24 68:19 69:1 94:20
19:14 20:14 21:19 30:3,23 31:19 40:6 52:17 56:4 67:15 106:18 107:9 112:16 mentioning 107:22 merchants 97:6 message 17:7 met 14:8 methods 19:14 metric 84:7 106:1 107:7,21 109:11 metrics 106:23 Metroplex 86:4,5,6,8 86:12,17,24 87:2,8 Metroplexes 86:16 Meyers 2:8 7:16,16 mic 6:23,24 Michael 2:14 6:20 Michaelle 2:13 Michele 2:11 Michelle 2:20 3:5 8:8 98:15 middle 40:20 48:2 80:25 115:11 miles 27:23,23,24

```
MILLER 47:23 48:20
                       national 88:6 106:23
  48:24 114:18 115:11
                       NCP 64:10 77:3 78:2
mind 57:11
mine 85:24
                       near 98:8
minimum 60:6 62:1
  65:2
minute 28:24 77:7
minutes 5:5 13:19,20
  83:12
missing 110:4
mistaken 87:1
misunderstanding
  58:19
Mitchell 61:13
mitigate 45:1 114:14
mitigating 92:17
mitigation 55:15,20
  68:22 87:14 93:24
  94:2,5 95:7,8 109:17
  111:12
mitigations 68:5,7
modeling 57:8 60:18
  67:12
modify 50:4,10,19
moment 70:8
Monday 14:22,24,25
monitor 39:17
month 15:19 16:14
  20:4.7 22:10 23:11
  25:24 29:11 45:7
  46:6 59:20 74:10
monthly 5:7 15:9,12
  15:19 16:23 34:15
  42:17,19
months 14:22 24:14
  25:24 26:9 27:4
  29:10 48:9 62:12,19
  74:10 100:5
month's 24:6,9
Motion 115:19
mouth 54:1
move 11:21 49:5
  102:20
moving 101:16
MTA 74:12
Muhoma 8:4
multiple 29:7,15
municipal 54:21
MWBE 100:7
         Ν
N 2:1 3:1 4:1 5:1
name 6:9 16:10 17:14
  21:12 28:2 37:10
named 17:20
```

narrowed 76:10

Nassau 2:18 103:9

```
need 14:12 36:4 43:20
  43:22 49:17 86:2
  93:6 97:22 100:13
  105:10 112:9
needed 104:24
needs 13:10 63:4 78:9
  112:8,9
neighborhood 23:1,2
  96:11
neighborhoods 30:4
neighboring 34:21
  97:7
never 48:11,14 50:13
  50:15 57:1
new 1:1,1,4,6 4:8,8
  6:10 11:22,22,23,24
  17:25 33:6 38:18,19
  47:23,24 62:4 69:4
  86:5,8,23 87:2,7
  94:23 107:2,8,25
  108:18,19,19 109:12
  110:24 113:10 116:3
  116:8
Newark 24:2 28:7,8,9
  54:9 64:2
news 62:10.11 109:5
NextGen 80:12,20
  81:8 86:4,5 108:13
nexus 95:13 112:4
Nice 11:16
Nick 4:11 8:25 53:13
  53:19 82:3
Nicole 1:16 116:7,24
night 48:2 114:19
  115:12
nighttime 91:11,12
  92:15 94:7 104:20
  105:9
Noemi 7:24
noise 5:7 12:9 15:9,13
  15:16 16:11,13,18
  16:22 17:11,20,25
  18:2,15 20:21,24
  21:2,12,15,17,22
  22:2,12 23:2 24:11
  25:9,13,20 26:3,15
  26:19,22 28:14,15
  30:4,20 31:8 32:22
  33:8,12,13,15 34:7
  34:10 35:2,24 36:3
  37:24 38:23 39:6,17
  40:2 41:6 42:20.25
  43:17,21 44:2,21
```

78:15 79:4.16

45:2 47:1 48:18 49:24 50:1 51:21 52:20 53:5 54:19.22 54:24 55:3,4,5,12,13 55:14,20 56:5 57:17 58:1 59:1,16 60:11 60:12 68:6,8 71:1,9 84:7,17 85:6 87:14 88:5 89:2,10 92:18 92:25 93:4,24 94:5 94:13,15,18,25 95:5 95:20 98:6 103:9 105:16 106:22 107:6 107:8,10,13,14,16 107:19,21 110:10 113:7 114:6,14 noiseoffice@panynj... 52:10 nonunion 96:15 north 88:18 92:19 **Notary** 116:7 noted 59:5 115:25 notes 18:13 37:11 notice 44:23 58:2 notices 15:4 November 20:17 35:5 35:11 36:13 **number** 15:7 17:15 18:6 19:12,17 22:8 22:17.20 23:5.8.16 23:19 24:13 25:15 25:21 26:1,1,7,8,25 27:2,7,8 29:14 34:2 38:17 43:13 46:19 53:22 56:22 60:10 79:14 95:14 numbers 34:6 43:8 77:11 nutshell 51:17 NYCAR 2:2 3:2 6:19 11:6 14:14 83:3 107:23 108:1 **objectives** 17:3 18:19 obvious 25:1 **obviously** 20:3,9,12 37:17 41:5 43:4 45:16 112:7 Ocasio-Cortez 3:6 Ocasio-Cortez's 8:9 occur 57:12 occurred 58:8 October 14:18 73:19 74:5 83:4,9 88:10 90:13 91:4 **office** 7:9,17 8:9,11,13

8:22 9:3,19 15:20 16:12.23 21:2 28:14 31:8 35:24 37:25 38:4,5,12 39:6 42:2 51:21 81:19 108:12 officers 90:9 offices 15:10 official 13:21 35:13 officials 10:9 11:25 15:11 20:10 40:14 offset 113:22 Oh 34:1 okay 28:22 49:3 52:13 65:19 75:25 79:17 82:3 86:10 87:20 88:1,21 89:7 90:7,8 105:3,11 ombudsman 87:23 88:5,9 once 31:3 38:18 58:21 67:17 73:22 79:4 88:13 ones 66:21 67:24 one-fifth 26:21 one-year 84:25 online 54:25 59:15 on-site 18:4 open 82:8 83:11 111:20 115:1 operate 50:22 operations 104:20 105:10 operator 67:17 operators 50:2,8 opinion 40:24 66:7 opinions 112:7 opportunities 96:14 opportunity 55:25 63:11 opposed 102:12 115:9 option 92:1 order 89:16 99:15 ordered 52:19 organization 12:19 13:15 original 73:20 75:9 outcome 116:17 outdoorsy 48:6 output 19:23 31:12 57:11 outs 68:11 outside 25:2 48:8 68:23 70:10,12,21 71:2,16,21 73:2 98:22 114:25 overflight 41:20 89:9 overflights 107:16

overnight 93:8 overview 22:12 53:22	38:13,16 39:5 51:17 51:20 53:10,23 57:6 61:12 67:24 69:5
P	72:13,14,16 75:14
<b>P</b> 2:1,1 3:1,1 4:1,1	83:17 84:10,25 94:2
	94:18 95:15 96:6,16
package 93:16	96:23 97:10,17 98:7
packet 82:15 96:1	
page 2:25 3:25 5:3	98:20 100:15 101:6
pages 83:24	102:13,24 103:23
<b>PANYNJ</b> 5:7,8,9	108:14 111:6,7,13
parameters 56:11	111:19
Park 47:24,25 68:16	<b>peoples</b> 99:3,6
113:11	people's 33:11 107:14
part 5:9 12:9 25:5	percent 63:19 79:16
27:13 47:7,8,9 49:6	percentage 40:16 41:1
52:15,19 53:24 54:7	78:23
54:11,13 55:1,2,3,10	period 74:2 82:10
55:12 56:11,17,19	90:19 94:23 101:2
58:1 60:8,11,12	person 33:22 39:6,8
66:23 70:21 71:2,7	48:6 62:23
72:8,25,25 76:17	personal 66:7
	perspective 54:8
80:25 81:25 91:10	55:19 60:8
91:19,22,24,24 92:9	Peter 3:15
94:10,24 98:23	
99:16,16 104:22	phasing 89:24 Pheffer-Amato 2:15
108:7 109:13,14,17	
participate 98:22	6:21
particular 59:7,13	phone 18:14 32:23
particularly 92:21	43:12
parties 116:15	picture 24:11 51:20
parts 94:1	piggyback 65:21
pass 111:22	pilots 60:19
passed 91:5 108:20	pink 24:1 28:8
Patel 3:10 8:10,10	pipeline 100:16
10:20	pivots 52:3
path 96:6	place 33:23 64:24
paths 44:25 50:10,20	70:10 80:13 103:22
98:12	114:4
pattern 45:16	places 106:3
patterns 44:23 45:4	plain 76:24
50:4	plan 93:14 98:16,18
pay 114:22	plane 17:20 18:2
peace 48:7	20:21,23 25:8,13,19
Pema 3:11 9:2,2,6	26:3,15,19,22 38:6
penalties 47:10,14	42:24 47:1 105:19
106:5,16	planes 48:15 85:21
penalty 46:1 107:10	93:20 98:7 103:20
107:13	110:13
	plans 96:4
people 6:5 10:17	please 31:20 47:6
12:13 17:5 18:13,24	53:25 108:14
19:4 20:12 22:24	
23:3 24:3 25:1,2	<b>plus</b> 57:7,8   <b>PM</b> 6:1
27:14 29:6,15 30:9	
30:12,13,14,19	point 12:16 28:3 32:14
31:24 32:13,14,21	32:25 33:24 36:7
33:7 34:1 35:6,6,18	37:19 48:23 60:4
36:15,19 37:18 38:4	61:22 62:12,20

```
70:20 72:16 74:8
  75:21 79:7 81:21
  90:1 101:6 105:8
  107:22
points 72:19,20
political 54:21
poll 83:16
pollution 48:5 85:7
  94:12,13,13,15,18
  95:1,5,9 98:11 113:4
  114:7,21
poor 33:22
populations 95:19
Port 1:1 4:8 9:1 12:5
  12:20,21 13:1,5,7,7
  15:23,24,25 16:8,18
  17:23 18:23 20:7
  21:13 31:4 34:25
  35:7,15 36:19 37:24
  40:7 42:5,25 43:16
  43:22 44:10 46:25
  50:12,18 51:9,14
  52:15 54:5 56:8,12
  67:6,10,16,21 68:3
  70:4 74:17 76:3
  77:12 82:21 91:9,16
  97:22 102:2 105:1
  109:17
Portland 51:1
position 102:17.19
possible 47:2,4 93:8
possibly 71:17 80:22
posted 16:20
posting 20:16
potential 58:11 89:8
  89:20 92:25
pouring 104:1
powerless 33:2
practical 78:4
preference 96:13
preliminary 58:15
preparing 52:24
present 4:14 21:25
  25:11 31:17 103:14
presentation 75:7,8
  102:3 113:5,6
presented 25:25 60:20
  103:10
president 2:7 3:9 7:11
  7:19 11:14 97:16
press 36:6 50:5 108:8
pressure 48:4
pretty 14:20 17:12,17
  17:25 65:25
prevailing 100:8
previous 71:13
previously 68:18
```

```
92:24
primary 41:16,18
printing 13:10
prior 17:4
prioritize 88:3 89:14
Prioritizing 5:11
priority 38:15 39:11
probably 18:21 28:12
  35:19 46:16 54:20
  86:25
problem 31:14 48:11
  62:5 72:3 75:17
  100:18
procedures 80:12
proceedings 116:10
  116:13
process 53:3 59:23
  61:4,10 75:16 76:18
  76:22 79:13 91:17
  98:19,24
produce 78:18
produced 21:18 54:23
professional 56:20
professor 113:3
program 55:4,13
  57:18 58:2 59:2,16
  60:12 73:9,14
programs 100:7,14
progresses 58:20
project 56:16 64:18
  70:4 79:3 81:16 92:4
  92:6 93:13 94:7
  101.9
projects 76:6
promise 36:12
proofreading 93:25
properties 69:4
proposal 57:13 81:12
proposals 56:10 64:4
  65:24 80:4,15
proposed 55:20 56:6
  57:3,19 94:7 107:1
provide 13:8 20:25
  21:20 22:12 23:16
  24:12 27:22 31:6,12
  52:11 95:24
provided 19:11
provides 40:7
providing 65:9
provisions 106:22
public 4:17 5:16 20:10
  20:13 22:25 35:1,8
  36:4,18 55:9,16,23
  55:24,25 58:20,22
  58:23,24 59:11,23
  63:10 64:24 71:21
  73:23 78:10,11 82:9
```

82:9 90:18,22 102:6 102:8 115:16 116:7 publicized 50:15 publicly 62:6 purpose 21:20 71:24 purposes 80:13 pushing 101:5 put 11:2 15:2,4 28:2 37:3 53:25 55:18 58:13 64:7 69:25 80:12 112:22 putting 33:5 49:23 93:15 103:5 puzzled 66:2 **p.m** 107:12,12 115:25 Q qualified 96:24 99:10 qualify 99:10,13,15 quality 33:14 110:6,6 114:6

111:12 112:10 113:4 quantify 107:18 quasi-government **Queens** 2:7 3:9,18,20 3:21,22 7:11 95:1 97:3 116:5 question 28:20 29:20 30:2 31:22 39:15 42:3 43:15 44:18 45:19,20,24 46:5 47:7 49:2 51:23 53:13 60:5 61:18 65:18 66:21 68:21 68:25 70:14 80:21 81:1 87:11 109:23 questions 16:4,5 29:18 31:21 52:3 60:23 65:4 72:23 73:4 quick 11:21 12:1 26:11 51:22 77:8 83:15 101:22 quicker 71:20 quickly 90:16 101:16 106:14 108:4 quieter 90:2 quite 56:22 quorum 13:22 31:18 104:3 quote/unquote 59:3 63:5 80:16

# R

R 2:1 3:1 4:1 116:1 Ra 2:16

raise 16:4 93:6 raised 39:16 112:12 raising 80:22 85:4 Ramos 3:11 9:3 range 20:2 rate 27:11
raw 51:24 Ra's 7:9 reach 18:12 21:2,5 38:16,20 39:7,18 40:4 49:1 52:7,11
81:19 90:10 reaches 39:9 read 24:3 39:13 83:13 83:22 91:20 readable 60:21
reading 58:6 69:11 real 33:10 77:8 87:10 101:24 reality 33:17,17
really 6:6 11:21 12:1 22:4,11,24 26:10 27:25 28:17 42:18 51:22 61:18 63:24 75:14,15 93:3,7 99:9
101:22 103:11,13 105:18 111:11,14 112:12,18 113:17 reason 25:1 31:19
34:11 50:17 77:13 77:24 78:2 81:12 92:12 105:4 reasons 30:8 41:24
43:11 79:23 reauthorization 5:10 82:14 83:1 106:21 reauthorize 100:7
Rebecca 2:9 7:5 100:1 recall 87:5 93:7 receive 18:8 20:8 received 38:3,11 82:15
receives 20:6 receiving 42:13 recommendations 63:16 79:22
recommended 57:22 57:22 92:24 97:2 recommending 99:20 record 116:12
recording 7:12 104:10 red 23:25 24:16 27:19 41:4 64:7 redevelopment 92:4,6
93:13 97:9,18 101:9 reelected 104:7,8 reevaluate 86:18

```
reevaluated 75:12
reference 28:3 44:19
referring 40:9
refers 85:17
refocus 112:10
refreshments 13:13
regard 42:12
regarding 42:3 89:5
  94:21
regards 42:7
regional 87:23 88:5,8
regular 14:20 39:2
regulation 69:4
regulations 56:12
reinstated 114:5
reject 63:18 77:2,4
  81:22
rejected 59:7 60:15
  63:20,23 64:12
  65:25 66:22 67:9
  76:20,24 77:10,11
  78:7,12 79:24 80:15
rejecting 77:14 81:7
rejection 77:24
related 116:14
relations 36:4,19
relationship 95:4
relatively 59:21
release 36:6 108:9
relegate 18:12
relevant 84:22
remember 53:2 72:20
  93:3
repeat 63:4
repeatedly 100:5,22
replace 107:3
report 16:7,14,21,24
  17:1,3,12,14 19:1,3
  19:6,15,16,21 20:3,6
  20:15,19,20 21:9,15
  21:17,19,20,24
  23:22 24:3,4 25:6
  27:14 31:3 32:8,9
  34:17 46:8 48:17
  49:8,10,12,13 50:5
  52:1 57:18 58:14
  59:2,2 62:22 66:23
  78:2,24 80:21 84:11
  85:1 89:7 90:25
reported 19:15 38:5,8
  50:8 116:10
reporting 1:15,16,25
  18:16 37:20
reports 5:7 15:9,12,13
  15:15 16:1,19,20
  18:19.20 20:17.22
  21:1 31:12 32:5,15
```

```
34:16 37:14,17,22
  38:3.11 41:24 42:18
  48:18 49:24 51:24
  52:24,25 54:24
represent 6:12 8:16
  10:18 11:7,13 27:20
  27.21
representatives 10:8
representing 7:11
  8:18,20,22 9:5,8
  11.25
request 39:17 50:14
  50:19 51:14 91:9,14
  108:2
requested 50:9
requesting 39:16
  91:21
requests 5:11 50:3
required 109:15,16
requires 57:5 107:20
research 72:7,10
  94:11,17 95:3,9 98:9
residential 50:11
  91:13
residents 10:16
resolution 91:5
respond 43:21 100:1
responding 42:20
response 50:21 51:12
  51:18 65:19 92:22
responses 42:19
  44:17
responsible 30:25
rest 65:20 105:24
restrict 92:15
restrictions 91:6,11
  91:12 92:13,24 93:4
  93:8 94:8
result 91:10
results 95:6 109:13
retired 11:16
review 58:16,21,22
  59:23 63:11 73:23
  74:2 87:16
reviewed 58:25 70:8
  76:12
reviewing 69:15
reviews 70:2
right 40:5,25 46:13
  50:23 58:7 71:11
  78:6.9 84:22 89:4
  99:24 106:3
Rikers 110:21,21,24
  111:4
rings 27:23
rises 110:25
road 103:2,5
```

```
Roberts-Semple 2:22
  44:18
Ron 3:14 106:11.25
  107:23
room 6:14
ROSE 1:15,25
Rosedale 9:15
Roslyn 25:17
roundtable 1:4 6:11
  10:8 12:12,17,25
  14:7 34:23 36:17
  64:22 70:22 71:5
  78:23
roundtables 12:7
  54:17
route 114:4
routes 31:9 88:19
  113:17
row 26:13
running 12:18 109:22
runway 34:15 35:20
  35:23,25 36:11 41:3
  41:9,10,11,16,17,18
  41:19 45:11,13
  103:21
runways 92:14
Ryan 104:14
S 2:1 3:1 4:1
sailed 109:19
sale 33:5
San 50:8 51:1
save 17:9
saw 34:13 49:9
saying 35:9 39:22
  62:5 63:6 67:25 68:3
  75:2 76:3 77:10 81:5
  84:3 90:6 92:8 96:24
says 13:19 64:7 68:15
  84:14
scenario 57:16 61:22
scenarios 55:24 57:7
schedule 14:19 59:14
  74:25 75:2 90:11
  104:4
schedules 80:9
scholarships 112:2
school 90:22 95:18
```

schools 95:17.18

6:9 11:1

scope 68:23

scratch 18:1

104:9

**Scott** 3:15

**Schreiber** 1:11 3:19

**Schwartz** 3:21 8:17,17

```
screen 51:8
Sean 3:13
Seattle 51:1
second 14:24 22:14
 25:5 28:21 30:2
 38:25 45:24 47:6,8,9
 52:18 70:19 94:6,7
 94:11,24 104:9
second-time 39:9
secretary 7:13 104:11
section 35:20 83:18
 84:5,6,16,21,24
 87:23 88:17 90:7
sections 83:1
secure 13:12
see 16:19 17:13 19:23
 21:3 22:9 23:10
 24:14,19,21 25:16
 25:22 26:11 27:7
 28:9 29:24 34:17
 36:8,10,10,12,14,18
 39:14 42:14 44:15
 45:3,7,17 47:4 48:14
 49:13 51:7 64:10
 69:23 73:1 75:8 83:6
 84:19 91:6,7 95:19
 99:1,15 104:14
 105:12 111:25 114:5
 114:9,18
seeing 62:13 98:5
seen 38:22 64:6 66:13
self-explanatory
  110:16
Sellinger 8:2,2
Semple 113:1,8
Senate 108:19
senator 2:8,9 3:10,11
 7:6,17 9:3,5,21,24
 9:25 34:5,22 36:25
 79:18 80:10 81:5,24
  100:2
send 15:15 31:4 40:12
 91:8 96:2
sends 40:12
sensitivity 107:14
sent 34:18 58:2 82:16
 88:14 97:19
sentence 64:13 66:15
 77:3
separate 39:5 44:1,1,9
 47:19 108:4
September 14:23
 64:21 65:3
sequence 58:18 91:20
sequencing 85:9,11
 85:19
serious 30:12
```

services 13:9
session 18:22 100:10
set 12:6 52:1 62:8
69:11 80:8 90:11
116:18
settle 86:14
seven 115:3,6
severely 37:18
<b>Seymour</b> 3:21 8:17
104:9
shakes 48:24
share 90:16,17
shared 68:13
sharing 5:13 90:16
113:9
Sheehan 2:9 7:5,5
66:16 67:3 87:5
89:17 99:25 100:1
shift 51:15
ship 109:18
<b>Shore</b> 88:19
short 6:24
show 19:21,22 22:8
22:16 23:8 19 25:14
22:16 23:8,19 25:14 25:21 26:4 27:18
30:3 37:2 49:17 51:5
54:25
showed 44:20
showing 6:5
shows 22:14 23:1
26:24 33:6 35:21
98:10
sic 31:21
side 68:9 71:25
Sieber 3:15
sign 31:16 109:4
signed 31:20 108:10
significant 34:7,10
108:16
signs 33:5
<b>sign-up</b> 108:8
similar 25:13,19
Simmers 3:13
<b>Simmons</b> 4:16 7:23,23
<b>simple</b> 76:25
simply 66:6
simultaneous 54:11
single 19:13 39:21
sir 64:17
sit 53:8 103:24
situation 48:3
six 26:18 46:21,23
100:4
skewed 49:20
skews 72:7
skies 10:12,15
sky 48:13
1 -

```
sleep 48:3 114:20
slide 22:7,11,14,16
  24:12
slides 22:5 23:8 40:15
slightly 113:13
slow 92:10
slumped 111:21
small 51:11
Smith 7:1.1
Solages 2:13 42:2
solve 31:14
somebody 39:16 64:3
  78:10 81:18 112:14
  112:16,17
somebody's 66:7
somewhat 44:24
soon 59:21 78:6 88:11
sorry 6:23 40:18,23
  69:20
sort 52:2 61:18 103:6
sorts 14:9,11
sound 61:20 89:6
  107:4
soundproofing 94:1
sounds 70:9 77:18
source 26:2,9,12,24
  27:1,3,9,12 68:7
sources 26:6,12
southeast 95:1 97:3
space 22:22 31:10
  50:23 51:13 62:19
  63:22 64:1 69:15,22
  70:3,16 86:18 87:3
spacial 44:20
spacing 85:10,11,19
  86:1,4
speak 6:23 54:2 61:11
  61:12 69:6 102:21
speaking 40:20 97:20
  102:18
specialist 21:13 65:11
  113:2
specific 21:3 23:24
  39:15 100:20
spending 19:4
spike 37:5
spoke 105:15 113:12
spoken 36:24
sponsor 30:24
Springfield 9:15
ss 116:4
Stacey 2:15 4:12 6:21
  36:22
staff 7:6 10:20 54:18
  67:7
stage 61:25 88:24
  89:18,24
```

```
stakeholders 18:23
  20:2.9 31:5
standards 81:6
standpoint 62:17 76:1
start 9:21 18:20 20:16
  27:23 55:14 89:24
  101.16
started 15:14 52:24
  71:8 109:12
state 9:21,24 37:10
  106:4 107:2,8,20,25
  108:7,19,20 109:7
  109:12 116:3,8
stated 43:25 110:19
  115:9
statement 30:5 36:16
  102:5
statements 35:9
states 86:5,16
stating 71:14
statistic 23:18
statistics 20:25
stats 30:3 49:14
status 75:11 85:11,18
stay 25:1,3
stenographer 37:10
step 22:16
stepping 72:22
Steve 20:5 43:14 69:8
Steven 4:15 7:22
  85:16 88:16 90:11
stop 45:25
storm 104:5
straight 69:12
strategies 55:15,20
strategy 94:6
straw 83:15
Street 110:15
strongly 98:1
student 95:21
studied 99:21
studies 52:16,20,20
  54:7,11 87:17 94:15
  94:17,21,22 95:11
  98:5 108:18
study 5:9 12:10 53:5
  68:6 71:7 73:1,2
  87:8,16 89:5,8,18,20
  91:10,18,19,22,25
  92:9 95:3,7,18
  107:17 108:25
  109:13,14
studying 106:22
stuff 53:14 70:7
subcommittee 93:15
subject 49:2 65:15
subjected 94:19
```

```
submit 76:7
submitted 58:15 59:4
  62:2 74:1 97:14.15
Subtitle 84:6
suddenly 61:3
sufficient 35:16
suggest 47:22 49:7
  78:16
suggesting 101:7
suggestion 62:24
  75:19 83:14
suggestions 77:11
  78:3 83:16
summary 19:5,10
  20:20 21:21
summer 24:23.24 25:2
  48:9 58:5,12 78:18
  115:2
Suozzi 2:3 3:3 68:14
Suozzi's 8:22 9:19
support 10:19 13:9
  107:24
supposed 14:15 61:9
  74:14 83:8 84:8
  85:13
sure 10:14 31:17
  53:13 68:10 69:8
  70:13 91:6 92:4
  96:12 106:2
surprised 82:2
surrounding 96:12,17
sway 112:6
Swisher 3:8
system 17:5,6,17 18:1
  18:2,11,17,18 20:22
  25:9 26:19 31:1
  38:19 42:24,25,25
  44:1,2 46:9 47:1
  27:5 108:8
```

```
TT 116:1,1

table 25:14 26:6,13,24

27:5 108:8

tables 21:25 27:6

TAC 52:25 53:7,8,8,11

59:24 61:15 62:8

63:14,14 64:25 65:3

65:7,16,23,23 66:18

70:11,12 71:15,16

71:16,21,22 72:14

72:21 75:19,22

78:19,21 79:19 82:6

82:7 92:18,23 93:2,5

93:6

take 16:23 21:9 28:21

28:23 29:18 37:11
```

```
39:25 48:7 49:2,8
  50:10 53:4 65:13.18
  70:14 73:6 89:12
  108:14 110:1 115:14
taken 58:24 62:11,19
  66:2 70:10 93:15
  102:17,18
takes 74:22
talk 15:25 21:14,17
  22:2,6 24:8 70:24
  82:20 84:6 112:17
talked 72:21 82:25
  92:10 96:5,8 97:1
  112:4
talking 30:14 66:17
  80:7,7 81:14 82:19
  85:10 86:1 93:7
  94:12,16 96:18 99:2
  100:6,8 108:17
  110:9 113:23 114:6
  115:4
tandem 43:5
target 42:15
tasks 13:11
taxes 114:23
Taylor 3:23 11:11,11
  45:18,18 46:7,13,18
  46:22 47:3,16 86:11
  104:13 109:25
technical 54:15.18
  55:17,21 57:5,11
  58:3,11 60:17 61:2
  62:7 66:7 67:12,21
  67:24 71:18
technically 63:5 91:23
technician 17:8
technology 17:21
  108:13
tell 9:23 15:16 38:1
  56:19 63:24 79:3,7,8
  81:17 83:5 99:24
  100:3,19 103:18
tells 105:1
temporary 35:9 37:4,6
ten 22:19,22 23:17
  27:23 46:16.17 49:8
  49:19 94:20 115:4,6
tend 24:24 25:1,2
tends 107:15
Terence 3:16 8:12
terminal 85:9.19
terms 57:24 58:10
  62:3 63:7 67:18 76:2
  86:22 91:21 98:4
terrible 110:22
testified 106:9
```

**Teterboro** 54:9 64:2

thank 6:2 0:25 11:19
thank 6:3 9:25 11:18
13:18 32:18 49:23 51:19 82:3 101:19
51:19 82:3 101:19
109:8,21 112:10,23
114:17 115:23,24
thanks 28:18 88:16
thing 6:14 12:16 32:7
25.40.27.4.7.52.40
35:10 37:4,7 52:18 66:20 68:2,22 72:12
66:20 68:2,22 72:12
81:1 93:10 104:17
110:4,6 111:25
112:9
things 10:22 11:21
12:10 14:9,12 48:4
55:14 58:7 62:9
66:14 72:24 74:13
76:6 82:24 83:7
90:21,25 91:1,4,21
93:17 95:25 96:21
97:23 101:1,15
think 10:6 14:20 20:16
21:7 22:3,11,23 23:5
21.7 22.3, 11,23 23.3
24:7 25:20 26:4,10 27:5,14,17 28:12
27:5,14,17 28:12
30:6 31:21 32:6,10
32:12,16,25 34:4,4
36:8,21,23 40:19
41:8 43:15 44:8 50:7
51:4 52:10 53:21
60:5 61:14 63:8 65:2
72:18 74:11 81:11
85:24 88:23 89:6,10
89:22 93:17 94:22
98:2 101:1 104:14
110:4 114:22
thinking 32:19
third 95:10
third-party 18:9 25:7,8
25:16,18 26:3,17,18
28:22 37:13
thought 15:22,24
65:25 72:24 97:5
thousands 32:15
three 15:8 53:4,18
82:15
Thursday 14:10
time 10:5 11:2 12:8
19:4 34:22 38:25
51:4 54:6,12 55:23
57:2 61:5 74:18
75:11 76:20 78:22
83:13 97:20 101:2
101:14 110:1,5
111:4 114:12 115:6
115:7,25
timeline 57:24 59:14
timely 15:4
iciy 107

```
times 26:19 33:6 38:6
  38:8 39:23 43:19
  107:17
timetable 53:3
tiny 27:19
title 84:5
Titus 2:11 11:8
today 14:12 58:9
Todd 2:8 7:17
told 38:11 53:2 55:19
  75:12,16 76:12
  78:17 81:9 105:1
toll-free 18:6 38:17
Tom 2:3 3:3 9:19
tonight 10:22 65:12,17
  104:15
Tony 3:14
tool 32:10
top 19:16 21:1 23:17
  35:23 46:16,17
  47:25 49:8,8,19
  113:19
topic 94:24 109:24
topics 82:22 91:3
total 17:16 24:20 26:7
  27:3 29:13 78:25
touch 101:22
towers 60:19
town 40:17
towns 28:2
track 39:18 51:5
tracks 45:17 51:6,9
traffic 6:5,6,8 51:2
training 96:6
transcript 13:23
  116:12
translates 10:13
transparency 61:10
  61:15 62:4 63:7 76:2
transparent 79:2
Transportation 7:4
  108:24
Traycon 57:7 60:18
treat 25:8
trend 24:20,22
trends 19:22 24:19
trouble 73:11
true 116:12
truthfully 44:7
try 15:3 44:16 70:15
  102:20,23
trying 15:15 23:7
  37:11 70:25 82:18
  95:12 101:15
turn 13:16 21:7 115:15
  115:18
turnkey 18:17
```

turns 14:11 two 15:17 22:5 24:19 value 33:11 26:5 29:11 39:5 42:8 42:10 43:4 44:9,14 49:18 55:3 58:6 60:12 63:2 65:23 74:10,15 79:9 89:3 90:14,21,24 93:25 94:14 95:9 96:21 108:6,21 113:16,24 two-volume 55:1 type 17:9 25:11 46:3 90:3 U ultimate 66:23 ultimately 100:9 understand 32:11 43:3 49:25 62:17,23 63:25 73:10,12 79:21 understanding 5:6 15:8 59:24 60:7 63:8 66:8 72:15 74:25 78:1 understood 74:3 undertaking 54:6,13 unfortunately 65:12 uniform 107:7 unimportant 28:23 union 96:15,20,25 97:2 99:4,7,8,12,13 99:14,16 unions 99:2 100:13 unique 54:6 **United 86:16** unpleasant 114:24 update 5:8 12:2 52:15 84:11,18 89:18 updates 5:12 82:25 83:18 89:15,23 upset 35:7 74:16 uptick 34:7,10 35:2 urge 108:14 **usage** 41:9 use 16:3 20:22 21:16 21:24 22:5 23:7,7,25 23:25 24:15 25:10 25:14 27:17 28:6,8 32:11 34:15 41:11 41:17 45:1 54:19 60:13 90:22 92:24

106:3 107:5 113:14

usually 24:23 45:10

useful 28:11

**U.S** 54:10

variables 72:9 variety 96:7 Veda 4:16 7:23 venue 13:12 version 21:17 113:15 versus 68:17 72:22 96:15 vetted 64:19 viable 67:8 vice 8:15 104:9,10 view 74:8 98:24 violation 47:19 voice 90:22,23 102:24 voicemail 17:6,8 volume 55:2 60:10 **VOR** 114:16 **VORDME** 113:14,20 votes 83:17 W wage 100:8 waiting 20:11 109:3 walk 16:13 48:7 walkthrough 15:25 want 6:3 10:14,23 11:20 12:1,16 13:14 17:1 21:3 25:7 27:10 31:7 33:24 39:17 48:8 52:2 53:15 61:20 62:21 77:9 81:21 82:22 84:3,18 87:24 89:7,15 90:25 98:14 101:2 102:14 104:19 106:14 109:10,25 110:20,25 112:24 113:5 wanted 10:2 98:21 106:18,20 wants 78:12 79:2 89:10 102:21 Warren 1:11 3:19 6:2 6:9,22 9:4,20 10:25 11:3,4,9,18 14:2,3 28:19 49:4,22 52:17 56:16 60:24 77:8,17 77:20,20,22 78:5 84:14 85:16 86:7 101:19 106:17 107:9 109:8 112:11 115:19 115:23 Warren's 90:17

Washington 44:3

wasn't 9:23 12:11

111:25

71:14 87:7 103:11

water 114:2,11 way 13:10 31:17,25 34:4 62:14 71:3.8 77:4,17,23 84:2 89:19 95:22 96:8 101:10 105:13,16 116:16 ways 61:19 71:10 wayside 114:8 wear 36:15 weather 104:1 web 13:25 18:7 28:13 39:12 43:13 webpage 28:14,15 35:24,25 website 16:17,19 18:8 20:15 34:16 35:18 35:21 75:3 WebTrack 35:21 wed 96:22 Wednesday 14:16,17 14:18 week 59:20 103:3 108:6 weekends 45:11 weeks 69:16 Welcome 5:4 went 73:23 91:14 97:14 106:7 114:8 weren't 12:13 37:19 53:17 west 68:16 we'll 21:5 52:8 73:6 75:13 96:2 102:23 we're 12:3,14 14:20 15:14 23:7 29:17 36:13 37:1 40:3 44:10 47:25 49:5 52:22,23 65:13,17 75:16 81:13 82:18 82:19 83:4 87:12 88:25 89:3,22 90:10 94:8,12,16 95:1,11 95:12 101:5,14 102:19 104:4,21 105:14 109:19.22 110:4 113:8 115:4 we've 20:23 42:22 50:7 61:3 78:17 91:1 92:9 102:9,11,13 104:18 109:24 111:5 whatnot 19:25 wheels 67:18 **WHEREOF** 116:18 whittled 64:19 66:1 whittling 79:5 wholeheartedly

111:11	years 53:4,18 74:15	<b>150</b> 5:9 12:9 52:15,19	<b>4</b> 5:8 45:13	
wide 20:2	87:1,6 89:3 99:11	53:24 54:7,11 55:1	<b>4,000</b> 50:24 68:17	
Williams 2:21	103:4	55:10 56:11,17	<b>4:00</b> 115:10	
window 84:23 85:14	year's 98:19	70:21 71:2,7 72:8,25	<b>45</b> 39:3	
115:4	year-to-date 17:16	73:9 75:12 91:19,22	10 00.0	
windows 25:3 111:20	yellow 85:7	91:24 92:9 109:13	5	
115:1	yesterday 14:8,9 58:9	109:14	<b>5</b> 5:10	
winter 24:25 25:4 54:4	York 1:1,4,6 4:8 6:10	<b>150s</b> 60:8	<b>5,000</b> 26:14	
wireless 6:24	33:6 86:5,8,23 87:2	<b>161</b> 91:10,18 104:22	<b>52</b> 5:9	
wish 10:23	87:8 94:23 107:2,8	<b>173</b> 84:5,6	<b>55</b> 94:4 95:20	
within-entitled 116:11	107:25 108:18,19,19	<b>175</b> 84:16	<b>59</b> 56:7 63:16 64:5	
<b>WITNESS</b> 116:18	109:12 113:3 116:3	<b>176</b> 84:21	76:8	
wonder 99:3	116:8	<b>177</b> 84:24	70.0	
wondering 42:10 43:5	young 111:17	<b>178</b> 85:9 87:11	6	
44:24 68:5	Yousuf 4:9 16:6,9,10	<b>179</b> 87:14		
word 105:2	30:23 34:12 35:17	<b>180</b> 55:19 87:23 88:25	<b>6</b> 5:4,13	
	1		<b>60-day</b> 85:14	
words 9:22	36:21 38:14 40:2,11	89:19	<b>64</b> 94:4	
work 6:21 7:20 10:24	41:8 42:17 43:11	<b>180-day</b> 74:2 84:23	<b>65</b> 33:18 94:3	
16:10 43:4 55:10	45:3 46:4,8 47:13	<b>182</b> 88:17		
60:17 61:23 64:8	50:21 52:7	<b>186</b> 88:24 90:7	7	
77:3,23 93:18 99:11		<b>189</b> 89:8		
103:13,22,24 112:8	Z	<b>1960</b> 111:22	<b>7</b> 3:20 5:16 6:12	
worked 17:22.24	<b>Z</b> 59:11		<b>7:00</b> 107:12	
workers 99:4 100:17	<b>zero</b> 30:11	2	<b>7:18</b> 6:1	
workforce 96:4 98:3	1	<del></del>	<b>70</b> 33:18	
99:17	<b>Zhao</b> 3:8 7:10,10	<b>2</b> 3:18 5:5 7:2	<b>74</b> 56:6 63:16 64:5	
	51:22 78:21 79:10	<b>2,000</b> 68:18	76:16	
working 13:4 20:23	79:17 83:14,21	<b>200</b> 29:9 32:5,14		
67:13 70:21 72:13	104:10	<b>2012</b> 17:4,11,19	8	
72:14,17 79:19 91:2	zoning 54:20	<b>2013</b> 18:21		
104:18		<b>2014</b> 12:4 54:4 71:8	<b>8</b> 3:21 5:17 8:18	
workload 39:4	\$	<b>2015</b> 52:25 53:1	<b>82</b> 5:12	
works 12:25	<b>\$13</b> 92:5	<b>2018</b> 5:10 53:9 73:19	<b>85</b> 63:19	
workshop 55:24 102:7	\$13.92.0	74:5 82:14 83:10		
workshops 55:9,16		106:21	9	
58:24	1	<b>2019</b> 1:5 26:14 34:6,8	<b>9</b> 2:19	
worse 104:2	<b>1</b> 5:4		<b>9th</b> 116:19	
worst 6:8	<b>1-800-825-3341</b> 1:25	53:6 83:10 111:12	<b>9:26</b> 115:25	
worst 0.6 wouldn't 24:10 37:20	<b>10</b> 98:10	116:19	<b>90</b> 5:14 79:16 105:21	
	<b>10:00</b> 107:12	<b>22</b> 41:13,18 45:10		
105:10	<b>100</b> 29:9	113:17 114:14	105:22,25	
writing 79:16 107:24	100 23:3 100th 110:15	<b>22s</b> 114:2		
written 37:2 61:24	<b>101</b> 5:15 28:16	<b>24th</b> 12:4		
66:14 76:17 112:18	<b>101</b> 5.15 26.16 <b>109</b> 5:16	<b>24-hour</b> 105:3,4		
112:19		<b>27</b> 1:5		
	<b>11</b> 3:22 9:17	<b>270</b> 37:15,16,22		
X	<b>115</b> 5:17 26:20 37:16	<b>28th</b> 102:2		
<b>X</b> 59:11 62:23	<b>12</b> 2:20 62:12,19	2011 102.2		
	<b>12,000</b> 38:6,8 39:23	3		
XiaoBo 4:10 16:22	<b>13</b> 2:21 5:5 24:14 26:9			
21:8,12 39:8	27:4 34:14,19 41:10	<b>3</b> 5:6		
	41:11,16,18 45:6,12	<b>3,000</b> 68:20		
Υ	, ,	<b>3:00</b> 115:10		
T	45.14	<b>3.00</b>   10.10		
	45:14			
<b>Y</b> 59:11	<b>13-month</b> 19:23	<b>30</b> 88:18 108:10		
Y 59:11 Yeah 14:3,4 45:3	<b>13-month</b> 19:23 <b>133</b> 56:5,10 63:2,15,20	<b>30</b> 88:18 108:10 <b>30,000</b> 25:23 32:5		
Y 59:11 Yeah 14:3,4 45:3 year 6:8 14:6 20:17	<b>13-month</b> 19:23 <b>133</b> 56:5,10 63:2,15,20 64:15 79:9	<b>30</b> 88:18 108:10 <b>30,000</b> 25:23 32:5 <b>31</b> 45:12		
Y 59:11 Yeah 14:3,4 45:3 year 6:8 14:6 20:17 38:7 48:12 61:5 66:2	<b>13-month</b> 19:23 <b>133</b> 56:5,10 63:2,15,20 64:15 79:9 <b>14</b> 55:8	<b>30</b> 88:18 108:10 <b>30,000</b> 25:23 32:5 <b>31</b> 45:12 <b>31,000</b> 26:16 37:14		
Y 59:11 Yeah 14:3,4 45:3 year 6:8 14:6 20:17 38:7 48:12 61:5 66:2 66:19 74:6 83:8,9	<b>13-month</b> 19:23 <b>133</b> 56:5,10 63:2,15,20 64:15 79:9 <b>14</b> 55:8 <b>15</b> 5:7 27:24 68:19	<b>30</b> 88:18 108:10 <b>30,000</b> 25:23 32:5 <b>31</b> 45:12		
Y 59:11 Yeah 14:3,4 45:3 year 6:8 14:6 20:17 38:7 48:12 61:5 66:2 66:19 74:6 83:8,9 84:9 87:15 103:3	<b>13-month</b> 19:23 <b>133</b> 56:5,10 63:2,15,20 64:15 79:9 <b>14</b> 55:8	<b>30</b> 88:18 108:10 <b>30,000</b> 25:23 32:5 <b>31</b> 45:12 <b>31,000</b> 26:16 37:14 <b>32</b> 54:15		
Y 59:11 Yeah 14:3,4 45:3 year 6:8 14:6 20:17 38:7 48:12 61:5 66:2 66:19 74:6 83:8,9	<b>13-month</b> 19:23 <b>133</b> 56:5,10 63:2,15,20 64:15 79:9 <b>14</b> 55:8 <b>15</b> 5:7 27:24 68:19	<b>30</b> 88:18 108:10 <b>30,000</b> 25:23 32:5 <b>31</b> 45:12 <b>31,000</b> 26:16 37:14		