

City of Miami Sea Level Rise Committee
3500 Pan American Drive
Miami, Florida 33133

October 1st, 2015
6:00 p.m. - 8:28 p.m.

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APPEARANCES:

COMMITTEE MEMBERS:

- Wayne Pathman, Chair
- Tabitha Cale, Vice Chair
- James Murley
- Reinaldo Borges
- Jose Regalado
- David Martin
- Pete Gomez

CITY STAFF:

- AJANI STEWART, LIAISON
- NZERIBE IHEKWABA, ASSISTANT CITY MANAGER
- MATTHEW S. HABER, ASSISTANT CITY ATTORNEY
- INES MATO, SPECIAL PROJECTS COORDINATOR

SPECIAL GUESTS:

- COMMISSIONER FRANCIS SUAREZ, DISTRICT 4
- GREG GUANNEL, URBAN CONSERVATION DIRECTOR

1 THEREUPON:

2 CHAIR PATHMAN: Good evening everybody. My
3 name is Wayne Pathman. I'm an attorney at Pathman
4 Louis where I'm the managing partner and I have
5 been actively involved in the Sea Level Rise issues
6 for quite some time and I'll get into further about
7 my background as we go around the room.

8 But, I wanted to welcome everybody. I don't
9 know if Commissioner Suarez did leave? He did? He
10 stepped out. Okay. I've been asked to call the meeting
11 to order. So, it's October 1st, 2015 at 6:00 p.m.
12 This is the first meeting of the Sea Level Rise
13 Committee. Welcome to all of you who are members of
14 what I believe will be a very important committee
15 about the future of the City of Miami relating to
16 sea level rise.

17 I'd like to, if we can, go around the room.
18 I'll start to my right and if everybody can just
19 give a quick -- let me, before we do that,
20 Commissioner Suarez who's been a real active
21 proponent of dealing with issues related to sea
22 level rise and flooding here in the City of Miami.
23 So, I wanted to introduce him.

24 And, if we could start to my right to my good
25 friend and introduce yourselves and tell us a

1 little bit about yourself, please.

2 MR. MURLEY: Jim Murley. I reside in the
3 Shenandoah Neighborhood of Miami and I worked at
4 the South Florida Regional Planning Council and
5 I've been honored to participate in both the Miami-
6 Dade and Broward County sea level rise climate
7 change compact activity.

8 MS. CALE: I'm Tabitha Cale. I'm an
9 Everglades Policy Associate with Audubon Florida
10 and I did my graduate research on climate change
11 policy in the European Union and also did some
12 graduate research on climate change policy in the
13 US.

14 And, my work with Audubon really focuses a lot
15 on water resource work as well as Everglades
16 Restoration. So, being a staff liaison for the
17 South Florida Water Management District which, of
18 course, is the larger drainage infrastructure that
19 then connects to the secondary infrastructure. So,
20 how we manage and move water around the system is
21 going to really, you know, have a big impact on the
22 effects we see from sea level rise and flooding.

23 MS. DOLLY MACINTYRE: I'm not a board member.
24 I'm here as an interested person with Dade Heritage
25 Trust. My name is Dolly MacIntyre and we're

1 concerned with the impact of water on historic
2 sites which are not easily moved or rebuilt.

3 COMMISSIONER SUAREZ: Commissioner Francis
4 Suarez. I proposed at the City Commission the
5 creation of this committee and I'm very blessed to
6 have received the support of my colleagues and I'm
7 very honored that all of you distinguished members
8 of our community would choose to participate or
9 serve on this Board.

10 MR. IHEKWABA: Good evening. I'm Nzeribe
11 Ihekwaba, Assistant City Manager. I'm just here as
12 an observer.

13 MR. GUANNEL: Hi. My name is Greg Guannel.
14 I'm the Urban Conservation Director for the Nature
15 of Conservancy. I will be talking to you tonight
16 about some of our efforts in Southeast Florida and
17 the focus of my program is really to help cities
18 and community groups really think about how to
19 adapt to the changing climate and how to best use
20 natural systems in these adaptation things.

21 MR. MARTIN: Hi. I'm David Martin. I'm the
22 President of TERRA (phonetic). We develop property
23 in a lot of coastal neighborhoods as well as build
24 communities out in the, you know, close to the
25 everglades. So, we interface a lot with the Army

1 Core of Engineers and South Florida Water
2 Management and, you know, very excited to be on
3 this committee.

4 MS. COX: I'm Kelly Cox. I'm a 3L at the
5 University of Miami School of Law as a dual degree
6 student at the Rosenstiel School studying Marine
7 Science. I'm here as a legal intern with the City
8 of Miami.

9 ASSISTANT CITY ATTORNEY HABER: I'm
10 Matthew Haber. I'm the attorney assigned to this
11 Board.

12 MR. STEWART: I'm Ajani Stewart, Environmental
13 Manager, City of Miami Offices Sustainable
14 Initiatives and I am the Board Liaison assigned to
15 this committee so here to provide administrative
16 support to you all.

17 MR. GOMEZ: Albert Gomez, local resident. I
18 live a couple blocks away and I'm also the
19 coordinator for the South Florida Resilience
20 System. It's part of the US Resilience System and
21 we're currently building out a Sea Level Rise
22 Initiative with some FEMA Grant money and the
23 Kresky Foundation (phonetic) in Northern Manhattan
24 and the Eastern -- the Southeast Side.

25 And, we're looking at replicating it here in

1 South Florida with some GIS Mapping so I'm here to
2 just listen and start to integrate.

3 MR. REGALADO: Jose Regalado, resident. I
4 used to work with South Florida Water Management.
5 Also did environmental permitting and now I'm an
6 underwater photographer and videographer with
7 Discovery Channel. And, I've traveled a lot and
8 I've worked with different countries on the way
9 that sea level and I've seen it firsthand how sea
10 level rise has affected them and seen kind of what
11 we can do. Hopefully we can do something.

12 MS. MATO: Ines Mato with the City Manager's
13 Office. I work in strategy and performance.
14 I'm the one that does the booklets that I put
15 there on the table and we're hoping that we can
16 incorporate more strategies and goals that relate
17 to the environment.

18 So, today I'm here to give you an overview of
19 the goals that relate to the environment and the
20 priorities that we set in the booklet. So, I'm
21 hoping that we can push for more initiatives that
22 help the environment.

23 MR. BORGES: Reinaldo Borges. I'm a local
24 architect with the firm Borges and Associates in
25 Brickell. My passion, of course, is design,

1 architecture of the city, a lot of urban design and
2 a lot of sustainability design.

3 So, in the last four years or so I've really
4 taken a passion towards resiliency and what it
5 means to architects. I also became Chairman of the
6 Sea Level Rise Taskforce with the American
7 Institute of Architects. I'm trying to bring the
8 concern of the architect to this. I met
9 geologists, hydrologists, many different beautiful
10 brains that are involved in this complex issue and
11 I've been trying to elevate the voice or the
12 architect with this concern and bring it as an
13 added value to what I do in my practice and also to
14 the community.

15 I passed this out to -- I didn't bring more
16 than about fifteen of these but this gives you a
17 sense of kind of the ambition of the taskforce that
18 we've created and I'll share with you more about
19 that as we get more acquainted with each other.

20 But, you know, I've decided to dedicate
21 significant time to this because I feel really it's
22 one of the most transformational issues effecting
23 the way we build cities, the way we develop, the
24 way we design, the way our clients allow us to
25 design. And, I've engaged a lot of conversation

1 now with building officials, zoning officials about
2 how we modify the codes and I've been very involved
3 also with weighing in the beach with the Beach
4 Chamber which is really cutting edge. Looking at
5 how this effects Miami Beach which, as we know, is
6 kind of a coastal barrier island with a lot of
7 concerns.

8 I've been working and meeting a lot with AECOM
9 which is a consultant that the City has hired to
10 look at all the different challenges that Sea Level
11 Rise brings to the way that they adapt. So, that
12 -- for me it's more about the way the building
13 adapts to the way it engages the city and the
14 network of infrastructure.

15 CHAIR PATHMAN: Again, my name is Wayne
16 Pathman. Mitch, welcome. Actually, Mitch, why
17 don't you introduce yourself real quick?

18 MR. CHESTER: I'm President of the fan club
19 for these gentlemen over here. My name is Mitchell
20 Chester and I'm -- that's my introduction.

21 CHAIR PATHMAN: He's very modest. Again,
22 my name is Wayne Pathman and I'm an attorney and I
23 have been actively involved in various issues
24 related to climate change, specifically sea level
25 rise and it's economic impact to South Florida.

1 As some of you may know, in international
2 studies done, including all cities around the
3 world, that Miami is ground zero for economic
4 impact due to sea level rise. It's an issue that,
5 you know, this city and the entire county and
6 entire state will be effected by and probably a lot
7 sooner than later.

8 I specifically spend a lot of time dealing
9 with the economics, insurance, banking, taxing, and
10 those things that will arise faster than sea or
11 before the sea gets here. I serve on a number of
12 committees throughout the state dealing with this
13 issue, primarily in Miami Beach.

14 I'm the chair elective of the Chamber of
15 Commerce and I head their Resiliency Taskforce
16 along with Reinaldo. I also sit with Reinaldo on
17 the AIA Sea Level Rise Taskforce that he created.
18 I've been quoted, interviewed in many articles as
19 Reinaldo has and I'm sure some of you have, as well
20 about the sea level rise issue.

21 And, I'd like to add that I think it's great
22 that, you know, Commissioner Suarez has brought
23 this to the attention of the city. It's certainly
24 about time. It's something that is going to effect
25 everybody no matter where you live or what you do.

1 And, it's really important that we take up the task
2 of trying to deliver a message, you know, to the
3 commission and to the citizens of Miami of how
4 important this is and the things that they need to
5 start doing and planning.

6 I'd like to skip in the agenda just real
7 quick. Commissioner, I'd really like to turn over
8 to you and, you know, what your vision is and your
9 thoughts concerning, you know, why you pushed to
10 have this committee.

11 Before that I'd like to have you just
12 introduce yourself.

13 MR. GOMEZ: I'm sorry. Pete Gomez. I'm an
14 Assistant Fire Chief but I'm the City's Emergency
15 Manager. I apologize.

16 CHAIR PATHMAN: Good person to have here.

17 MR. GOMEZ: There was an accident on Bayshore
18 Drive.

19 COMMISSIONER SUAREZ: There's about three
20 people behind you.

21 CHAIR PATHMAN: Okay. I didn't see
22 everybody. Okay. If you could please introduce
23 yourselves?

24 MS. NELSON: Hi. I'm Joyce Nelson. I am a
25 resident since '74 and an activist since 1990. I

1 saved the Pan Am hangers. I am extremely concerned
2 about this issue because I've traveled the world
3 and seen the actual impact it has had.

4 In '75 I was in Alaska, Barrow, Alaska. It
5 was frozen ten miles out in August and now there is
6 no frozen water, at all, in Barrow, Alaska. I've
7 been on the Ice Field Parkway, the same thing.
8 I've been in Patagonia and seen the glaciers that
9 are diminishing.

10 This is a -- this is like far away from us but
11 it's right here. I'm passionate about this issue
12 and I live 17 feet above sea level personally. So,
13 I will have waterfront property.

14 MR. NELSON: I'm Ron Nelson, her husband.

15 COMMISSIONER SUAREZ: So, thank you all for being
16 here.

17 MS. NELSON: One last person.

18 COMMISSIONER SUAREZ: I'm sorry.

19 MS. SNOW-BHAT: Hi everyone. I'm Cassie Bhat.
20 I'm a consultant. I currently live in DC right now
21 but I'm a born and raised Miamian and I'm moving
22 back home in the next few months. I work primarily
23 or exclusively, actually, on climate change impact
24 adaptation focusing on transportation systems and
25 urban environments. So, I'm very excited to be

1 moving home and get involved in the issues here.

2 CHAIR PATHMAN: One last thing before the
3 Commissioner. Housekeeping, if the members could
4 please raise your hand and give me your name so
5 that I can sign in the members of the committee
6 that are actually on the committee? Let me just
7 start to my right.

8 MR. MURLEY: Jim Murley.

9 CHAIR PATHMAN: Okay.

10 MS. CALE: Tabitha.

11 CHAIR PATHMAN: Tabitha.

12 MR. MARTIN: David Martin.

13 CHAIR PATHMAN: David.

14 MR. REGALADO: Jose Regalado.

15 MR. GOMEZ: Pete Gomez.

16 CHAIR PATHMAN: All right. So, we have a
17 quorum. Is there one person missing or is that it?
18 Is that everybody? That's everybody. Okay.
19 Perfect.

20 Commissioner, sorry, with no further adieu.

21 COMMISSIONER SUAREZ: You know, I think you've
22 said it very well. We ignore this issue at our own
23 count. You know, this is a coastal city as David
24 mentioned and we have a significant investment in
25 costal property. A big part of the city's revenue

1 is based on property tax and property value.

2 So, it's not only an issue that affects the
3 private sector but it's also an issue that very
4 much affects the public sector. And, also as Dolly
5 was saying, you know, this is a historic building
6 that happens to be also next to the coast. And, we
7 certainly could not move Miami City Hall if there
8 were flooding issues.

9 You know, one of the things that I've tried to
10 do in my six years as a commissioner is to deliver a
11 first world quality of life. And, you know, we've
12 confined ourselves in this issue mostly to flooding
13 mitigation. But, as we know, it's becoming a much,
14 much bigger issue.

15 And, you know, I just recently came back from
16 Copenhagen. I was selected by the Knight
17 Foundation (phonetic) and an organization called
18 880 City (phonetic) to study the city. And, one of
19 the things that they've done is they've made, you
20 know, climate change and climate change mitigation
21 part of their master plan. And, what they've done
22 is they've created false elevations, they've taken
23 some of the resources that some from rain and
24 drainage, they've filtered it, they make it public
25 space so that it's beautiful.

1 So, they take what is a natural phenomenon,
2 maybe exacerbated by human conduct, and they make
3 it into part of the landscape and beautiful and
4 something useful. So, they take what could be seen
5 as a negative and turn it into a positive.

6 I think clearly based on the people that are
7 here in this room, it's, as you know, has an
8 enormous economic impact and we'll have an enormous
9 economic impact on our city. And, one of the
10 things that I attached to the Legislation creating
11 the committee was an article from the Center for
12 American Progress that I'll leave here so you guys
13 can make copies of.

14 It says From Risk to Resilience, Preparing US
15 Coast for Climate Change. And, it says that Federal
16 Emergency Management Agency has studied the issue
17 and shown that for every dollar spent on pre-hazard
18 mitigation measures for insured real estate, it averts
19 \$4 in post-disaster recovery costs.

20 So, I thought that for a private sector person
21 that return on investment is something that's
22 startling and cannot be ignored. So, you know, I
23 think, you know, again, I'm very glad and honored
24 that this collection of individuals, young and
25 older, private sector and public sector, are coming

1 together to really start looking at this issue with
2 depth.

3 So, my hope is that as a result of this there
4 are concrete recommendations whether they be from a
5 planning perspective, whether they be
6 transportation, whether they be, you know, code,
7 codification, laws, whether it's funding
8 opportunities, whether it's collaborating with the
9 private sector to see how the private sector feels
10 that the city can cooperate with them to make us
11 more resilient as a city.

12 I can tell you right now, Brickell Bay Drive
13 that's next to the Jade Apartment Building is sort
14 of, kind of -- they're feeling very anxious about
15 the fact that their seawall is substantially lower
16 than the one at the Jade.

17 So, you know, there's going to be these issues
18 that arise and they're quality of life issues,
19 they're economic issues. So, my hope is that this
20 taskforce, much like the County, can provide us
21 some guidance on how we as elected officials can
22 make our city more responsive to the future
23 opportunities or threats, however you want to look
24 at it, that climate change and sea level rise
25 undoubtedly present.

1 CHAIR PATHMAN: I know that Matthew wanted
2 to address us. I think maybe it's a good time now
3 to tell us about the ethical concerns and the
4 Sunshine Laws and records before we get any
5 further.

6 ASSISTANT CITY ATTORNEY HABER: Actually,
7 before that I suggest that we would choose a
8 chairman and vice chairman.

9 CHAIR PATHMAN: Okay. I thought maybe
10 people might want to hear the laws before they
11 decide to pick a position.

12 ASSISTANT CITY ATTORNEY HABER: Okay.
13 We can do that.

14 CHAIR PATHMAN: I think it's always good to
15 know what your obligations are before you accept
16 something.

17 ASSISTANT CITY ATTORNEY HABER: Well, to be
18 clear, these obligations apply to all members of
19 the Board, whether or not they choose to become
20 a chairman or a vice chairman.

21 So, this is going to be a very superficial
22 look at some of the specific laws that apply to
23 advisory board members and the State of Florida.
24 You have an additional requirement imposed by the
25 City Commission to attend more formal ethics

1 training and there's going to be one coming up,
2 Ajani can provide you with that information.

3 Okay. No worries. So, there are three
4 different -- really four different bodies of law
5 that we will be talking about today. The primary
6 ones that I want you to be concerned about are the
7 Sunshine Law, Public Records Law, and the Code of
8 Ethics. Also important are Regulations concerning
9 lobbyists and the Cone of Silence which is actually
10 a very simple concept for your concerns.

11 These issues are extremely important. Some of
12 them can lead to felony prosecutions if they're not
13 observed correctly. Often they can also lead to
14 fines for the city or for the individual who's
15 violating. Often they can also invalidate the
16 board action that you seek -- that you sought to
17 undertake.

18 So, under Florida's Sunshine Law, the broadest
19 concept that I want you to understand is that
20 meetings have to be publicly noticed and the public
21 needs to have an opportunity to be heard at those
22 meetings.

23 There you go. Kelly for the win.

24 So, that was the 2013 case but that is any
25 time we are going to be meeting undertaking

1 official business as the Sea Level Rise Committee,
2 it does need to be noticed in a reasonable
3 timeframe so the public can attend and during all
4 meetings they need to have that opportunity to be
5 heard.

6 Okay. Again, if the meeting proceeds and it
7 hasn't been noticed then any action taken at that
8 meeting is not binding. Reasonable notice is what
9 the statutory scheme contemplates. Unfortunately,
10 reasonable notice is also not defined. So, that
11 means that as much notice as possible is what we
12 try to aim for. 24 hours notice absolutely is
13 unreasonable. So, that's where we have to work
14 within. It does depend on the action though.

15 This is a list of the kinds of meetings that
16 are subject to the Sunshine Law. So, formal
17 gatherings of two or more board members, written
18 communications in which the communications are
19 circulated among board members with comments being
20 provided to other board members, telephone
21 conversations between board members, e-mails.

22 If for some occasion a member of this Board is
23 being delegated the authority to bind the Board in
24 his or her decisions then those meetings would need
25 to be noticed. For instance, if there's some kind

1 of negotiation that one board member was
2 undertaking on behalf of the larger body.

3 And, then this final point, non-member
4 liaisons between board members. For instance, you
5 couldn't use Ajani or myself, your Board Attorney
6 and Board Liaison, to evade the Sunshine Law by
7 having us talk to each board member and then inform
8 you what the other board members were thinking.

9 Really anything that is likely to come before
10 this body of the City Commission on this subject
11 that's going to be need -- that meeting and that
12 discussion with require a Sunshine Law Notice.

13 I'm going the wrong way.

14 So, like I said before, they can be pretty
15 steep, even leading to a criminal misdemeanor or
16 removal from office. More likely it would simply
17 invalidate the action that you were trying to do.
18 So, I think this is one of those issues where a lot
19 of folks are passionate about it, we I think have
20 the public's best interest in mind, and we really
21 want to do a good job and we're eager.

22 This is an instance where if we run too far
23 too quickly without involving the public, it can
24 blow up in our faces.

25 And, by the way, if this doesn't seem

1 immediately clear it's because the law isn't clear.
2 So, if you do have a question, Ajani's here, I'm
3 here, feel free to reach out to us and we'll work
4 with you on it. We'll try to figure out what the
5 best answer is.

6 So, this is the Public Record's Law. Now all
7 documents related to this body are public record.
8 Any person who wishes to have a copy of those
9 records is entitled to them. That doesn't mean a
10 resident, that doesn't mean, you know, a
11 non-corporate entity. Literally anyone who asks
12 for it in any way can get access to our documents
13 so long as there's not some particular exemption
14 involved.

15 For instance, if, you know, we were engaged in
16 an activity and then litigation was brought because
17 of that, there would be an exemption from
18 production.

19 So, here's kind of the important part about
20 Public Records Law is that any one of us is subject
21 to it. It's not a responsibility that we can pass
22 onto someone else. You can't say oh, you know
23 what, I'm not the custodian of that document, you
24 should go make that public records request on a Law
25 Department instead.

1 You need to acknowledge the request and say
2 okay, I understand that you're making a public
3 records request, we will do our best to respond to
4 it as soon as possible after undertaking a review
5 for any exemptions. Whatever word you want to use
6 but simply acknowledge and we'll find a way to
7 respond in-kind and get the document out to the
8 requester.

9 For some of you, this is going to be important
10 for others, not so much but basically there was an
11 amendment to the Public Records Law. So now that
12 our contractors also are subject to this law when
13 they're undertaking sort of public activities. So,
14 any documents that they create that are not sort
15 of, what's the word, protected by business
16 interest, trade secrets, would also come under the
17 purview of this law.

18 So, here's more on contractors but I'm just
19 going to go through them. If you have any
20 questions, we'll get those at the end.

21 So, this is unlikely that you're going to have
22 to deal with this, more likely you would pass this
23 on to Ajani or myself. But, if you are holding --
24 if you are withholding a public record because it
25 is exempt under the Public Records Law, you do --

1 you are required to state what that exemption is.

2 Again, this is one of those laws where they
3 don't give us specific timelines. Everything's
4 about what's reasonable. So, you have to respond
5 in a reasonable timeframe. Requests do not have to
6 be made in writing. In fact, we can't require any
7 sort of formality when it comes to a public records
8 request. It can be done by e-mail, it can be done
9 in person, it can be done over the phone, it can be
10 done in writing, it can be done on a dirty Kleenex,
11 really anything will suffice.

12 And, I think this one is actually one that is
13 important. If the record doesn't exist in the
14 format that's being requested, you don't have to
15 alter it. All they're entitled to is what
16 previously exists. So, if someone's asking you to
17 answer a question that's immediate request. That's
18 not a public records request. If they're asking
19 you I want a list of X, Y, and Z thing, if you
20 don't actually have that list you're not required
21 to create it.

22 So, once again, we have penalties. There are
23 fines to the actual person who's violating it. You
24 can be removed from office, once again, there are
25 misdemeanors or felonies that are associated with

1 violation of the public records law.

2 So, again, if you're confused just find Ajani
3 or myself and we'll make sure that this happens the
4 right way.

5 Ethics. This one's the most confusing.
6 That's because there are three separate bodies of
7 law that now apply to you in some way or another.
8 There's the State Ethics Laws, there's a State
9 Commission on Ethics, there are County Ethics Rules
10 which are interpreted and enforced by the Miami
11 Dade Commission on Ethics, and then the City has
12 its own Conflict of Interest provisions that apply
13 to you.

14 This is Chapter 112 of Florida Statutes. By
15 and large you're not going to be affected by it
16 because it contemplates public officers and
17 advisory board members on this Board are not public
18 officers as Florida Statutes define that. So, I'm
19 going to skip onto the County and, yes, there are
20 penalties for that too.

21 All right. So, this does apply to advisory
22 board members. You can see the citation right
23 there if you ever want to look it up. Section
24 2-11.1 of the County Code. It's written in
25 language that primarily contemplates county

1 employees, county advisory board members but all of
2 those provisions are applicable to municipal
3 officers as well.

4 So, again, here there is a conflict of
5 interest provision. You're not allowed to transact
6 business with this board, in essence neither are
7 the members of your immediate family. If you want
8 more detail on it, please feel free to see me.

9 This is the kind of thing where if it does
10 implicate the County Code of Ethics, best business
11 practice is reach out to me but also we can get an
12 opinion from the County Commission on Ethics
13 itself. It's very accessible. They have a quick
14 turnaround. And, if you are concerned, the best
15 way to immunize yourself against any kind of
16 liability is to get that opinion letter from the
17 Commission on Ethics.

18 So, again, here --

19 CHAIR PATHMAN: Matthew, can I just
20 interrupt you? I just wanted to make a comment
21 about that because I did reach out to Joe Santarino
22 (phonetic) who heads the Ethic Commission for the
23 County and as an attorney who appears before the
24 County and the City, he advised me that I can
25 appear before any board except this one. But, that

1 he also cautioned while it's not specifically
2 written in black and white, that I should
3 specifically not represent vendors that may have a
4 contract with the city.

5 I don't know if that affects anybody else in
6 the room. It might affect you in some way so you
7 might want to get that opinion. It wasn't your
8 opinion initially and the City Code really doesn't
9 say that but he said someone from your firm can
10 represent your client or the vendor but he
11 suggested I do not do that.

12 ASSISTANT CITY ATTORNEY HABER: Okay.

13 CHAIR PATHMAN: I just wanted to point that
14 out everybody.

15 ASSISTANT CITY ATTORNEY HABER: I think
16 that's a good point. What's nice about the
17 opinions that the County Commission on Ethics
18 issues, they're very practical and they're going
19 to think about it from a lot of different directions
20 and they will take into account the City's Conflict
21 of Interest Provisions. So, it's really just an
22 easy way to make sure we're doing this the right
23 way.

24 This one I would hope is obvious but, you
25 know, don't award contracts to one of your

1 employees or members of your immediate family based
2 on your authority as a committee member. Penalties
3 here, voidable, forfeiture of office.

4 And, here's that ethics requirement we talked
5 about earlier. It is a City ethics requirement
6 but, basically, you're an advisory Board Member
7 that needs to complete that Ethics Course within 90
8 days of taking office. I think there's one coming
9 up. If not -- interesting.

10 All right. Okay. Well, those Ethics Courses
11 are available quarterly.

12 MR. STEWART: There is one coming up though
13 soon.

14 ASSISTANT CITY ATTORNEY HABER: So, now
15 let's talk about the City's Conflict of Interest
16 Provisions. Once again, this is related to
17 what Mr. Pathman said earlier. Don't do business
18 with the Board you're a member of or represent
19 a party in front of it. So, here the main issue
20 is that that transaction would become void.

21 MR. STEWART: October 19th is the next one.

22 ASSISTANT CITY ATTORNEY HABER: Okay.
23 October 19th.

24 MR. STEWART: It's here October 19th, City
25 Hall Chambers.

1 ASSISTANT CITY ATTORNEY HABER: Ajani, will
2 you send out that information?

3 So, we're moving on to Gift Law. This is one
4 that confuses folks fairly frequently. You will
5 have to file quarterly gift disclosures if you
6 receive gifts in excess of \$100. This doesn't mean
7 you can't get like Christmas gifts or holiday
8 gifts. There are carve outs for family members.

9 Again, if you are concerned about the
10 specifics of it, please see me. This statute,
11 however, doesn't apply to you. This is a Florida
12 Statute but the law that the County has enacted in
13 its Ethics Ordinance is fundamentally the same.
14 So, these are some examples.

15 So, tickets are one that are pretty frequent.
16 For instance, if this Board were to hold an event
17 or you were to get access to an event by virtue of
18 your Board membership, it may be that that would be
19 considered a gift and you would have to report the
20 value of it if it were in excess of \$100. You
21 could also pay down the difference to \$100.

22 However, if it were like an official City of
23 Miami Sea Level Rise Committee Event, you might be
24 working that event and in that case it wouldn't be
25 a gift, you would be actually there on official

1 business. But those distinctions can get hankie so
2 please talk to your lawyer.

3 This is a quid pro quo. Basically, don't
4 accept compensation for official activities. Don't
5 solicit them and don't demand them, and you
6 obviously can't accept them. I think that's all
7 pretty basic.

8 So, here's the more confusing bit. This is a
9 provision in the City of Miami's Code. Beyond
10 there being gifts that you have to report, there's
11 some gifts that you just can't accept. So, in this
12 instance, if it were a gift from a person or an
13 entity which might or does have business before
14 this Committee that would be a prohibited gift.

15 There are very few public benefit exceptions.
16 You would know exactly which ones those are because
17 they would most likely be a contract related to
18 what that entity is doing and there would be a
19 provision in that contract and we would make you
20 aware of it ahead of time.

21 But, again, because Gift Law is always
22 confusing and when it comes time for your financial
23 disclosures and time for your quarterly gift
24 reports we'll talk again and we'll make sure that
25 you're aware of exactly the steps you need to take

1 then.

2 This is a disclosure of financial interest.
3 It's under State Law. This one is not particularly
4 applicable to you so I'm going to skip across it
5 but you do have obligations to the City and to the
6 County.

7 So, each fiscal year certain persons are
8 required to financial disclosures by July 1st at
9 12:00 noon, this includes City Advisory Board
10 Members. There's a few different ways that you can
11 satisfy this requirement. One of them is by giving
12 a copy of your income tax return. However, I
13 suggest that you simply fill out Miami-Dade
14 County's Financial Disclosure Form. You can find
15 it online, you can simply Google that phrase and
16 get it. We'll probably send you a link when it's
17 time for you to fill that out.

18 So, this is just defining who has financial
19 disclosure requirements and these are the penalties
20 for failure to make those disclosures. You can be
21 imprisoned in the County Jail for up to thirty
22 days. Those don't apply.

23 So, this is getting back to Gift Law.
24 Remember I said that for gifts that you were able
25 to receive and if they're in excess of \$100 that's

1 generally the threshold to make your reportable
2 gift. The exception is if you were receiving a
3 series of gifts that over time total more than \$100
4 or \$100 then it becomes a reportable series of
5 gifts.

6 Outside employment is really for employees.
7 So, unless you're a City of Miami Employee or a
8 County Employee this doesn't apply to you. That's
9 not you either. Let's skip to lobbyists.

10 So, you're already a member of the Board,
11 you're allowed to address the Board. The issue for
12 you isn't are you lobbying, the issue is are you
13 being lobbied and is the person that is lobbying
14 you, have they registered because you have an
15 affirmative duty to make sure that that is the
16 case.

17 And, that's something that we can, again, if
18 you are ever unclear on any of these issues you can
19 talk to Ajani and myself. The City Clerk keeps a
20 listing. It may be that you're not sure if the
21 individual before you needs to register. Once
22 again, that's something that is really situational
23 and just bring it to us and we'll figure it out
24 with you when that time comes.

25 MR. MURLEY: Isn't the key of this though the

1 definition of lobby?

2 ASSISTANT CITY ATTORNEY HABER: Hey, look
3 at that. That is true. Really the definition
4 of lobbyist is the key. It's not the activity
5 so much as the individual's identity.

6 MR. MURLEY: But, if he's a lobbyist, he has
7 to be or she interacting with you. I mean, I'm
8 thinking of all the IRS Code Definitions between
9 lobbying and education.

10 ASSISTANT CITY ATTORNEY HABER: Right.
11 The City has its own -- the City has its own
12 definition of lobbyists that we rely on.

13 MR. MURLEY: Okay. So, disregard everything
14 else?

15 ASSISTANT CITY ATTORNEY HABER: Right. This
16 is the applicable one.

17 So, you know, that's basically what I outlined
18 for you just now. Every lobbyist is required to
19 say under oath any direct or indirect business
20 association, partner stip, financial relationship
21 with Mayor or any member of the City Commission,
22 any member of the City Board, the City Manager, or
23 member of the City Staff before whom he or she
24 intends to lobby. And, right there it says that
25 you shall be diligent to ascertain that first --

1 complied by requesting record of compliance from
2 the City Clerk.

3 That's it for lobbyists.

4 So, here's the Cone of Silence. We're nearing
5 the end of this. This is more about the
6 procurement process at the City. I see a nodding
7 head. Basically, if there's a request for
8 proposals or anything related to that, the cone
9 prohibits communications regarding that once the
10 solicitation is advertised in the newspaper. We
11 would alert you if that's the case. We're not
12 there yet but really that is the sum total of this
13 presentation.

14 So, I thank you for your attention and ask if
15 you have any questions.

16 UNIDENTIFIED SPEAKER: Can you send us this
17 PowerPoint?

18 ASSISTANT CITY ATTORNEY HABER: Absolutely.
19 All right. Great. Thank you.

20 CHAIR PATHMAN: Moving along, the next
21 thing they've asked us to address is to make a
22 selection of the Chairperson and Vice Chairperson
23 of the Committee. So, that would include the seven
24 members to, I guess, vote or nominate somebody and
25 go through the process of selecting a Chairperson

1 or Vice Chairperson.

2 Is anything that you want to advice on that,
3 Matthew?

4 ASSISTANT CITY ATTORNEY HABER: I would say
5 that there needs to be a motion to select and
6 then a second.

7 MR. MARTIN: I make a motion for Wayne Pathman
8 for Chair.

9 ASSISTANT CITY ATTORNEY HABER: No. This
10 would be a motion that we want to actually vote
11 on it.

12 MR. MARTIN: Okay.

13 CHAIRMAN PATHMAN: Open the agenda, open
14 the meeting for nominations for the position first
15 of Chair and then secondly for Vice Chair.

16 ASSISTANT CITY ATTORNEY HABER: So, is that
17 a motion?

18 CHAIRMAN PATHMAN: That's a motion.

19 UNIDENTIFIED SPEAKER: Second that motion.

20 CHAIR PATHMAN: All in favor?

21 (Thereupon, the committee members responded in the
22 affirmative.)

23 CHAIR PATHMAN: All those opposed? All
24 those abstaining? Okay. Motion passes.

25 Now we need a motion to nominate a Chair.

1 MR. MARTIN: I make a motion to nominate Wayne
2 Pathman as Chair.

3 MR. BORGES: I second.

4 ASSISTANT CITY ATTORNEY HABER: Are there
5 any other nominations? Okay.

6 CHAIR PATHMAN: Okay. We need now to vote.
7 All those in favor?

8 (Thereupon, the committee members responded in the
9 affirmative.)

10 CHAIR PATHMAN: All those opposed? Any
11 abstentions?

12 I accept. Thank you very much. I look
13 forward to working with all of you.

14 Now we need a motion for Vice Chair.

15 MR. MURLEY: I nominate Tabitha Cale.

16 CHAIR PATHMAN: Okay.

17 MR. MURLEY: If she accepts.

18 MS. CALE: Sure.

19 CHAIR PATHMAN: I also have a nomination.
20 I would like to nominate Reinaldo Borges.

21 MR. MURLEY: We'll need a second for both.

22 CHAIR PATHMAN: Right. I'm just letting
23 you know. So, we'll need a second. So, all those
24 in favor of nominating Tabitha? Wait a second. We
25 need a second.

1 MR. MURLEY: We need a second.

2 CHAIR PATHMAN: Okay.

3 MR. GOMEZ: I second.

4 CHAIR PATHMAN: Okay. And, my motion,
5 again, was for Reinaldo. Any seconds?

6 MR. MARTIN: Second.

7 CHAIR PATHMAN: Second by David.

8 Okay. So, now we have two potential
9 candidates for Vice Chair.

10 ASSISTANT CITY ATTORNEY HABER: Also, how
11 would you like to take this, by voice or by hand
12 or by secret ballot?

13 CHAIR PATHMAN: I think ballot when you
14 have two would probably be preferable so nobody
15 feels uncomfortable about who they're voting for
16 because obviously we're a new group and I don't
17 want anyone to feel that way.

18 So, I think that we could, you know, write
19 initials. We could just use someone's initials and
20 we'll give it to Matthew to tally who the Vice
21 Chair will be.

22 MR. MURLEY: Do you have an extra one of
23 these?

24 ASSISTANT CITY ATTORNEY HABER: Yeah. But
25 it has some --

1 MR. MURLEY: You can use mine. So, how do you
2 want, initials? How do you want to do it,
3 Mr. Chair?

4 CHAIR PATHMAN: Initials. There's only
5 seven of us.

6 MR. MURLEY: In either of the two boxes,
7 right? Here and here.

8 CHAIR PATHMAN: We can just take some
9 paper.

10 MR. MURLEY: Do you want to do that?

11 CHAIR PATHMAN: Yeah. Just take some
12 paper. It's easier. If we have nine votes, we
13 know we have a problem. Simple majority will
14 prevail.

15 MR. STEWART: If anyone hasn't had a
16 chance to sign in, I'll pass it around.

17 CHAIR PATHMAN: Collect these. Thank you.

18 ASSISTANT CITY ATTORNEY HABER: It was close
19 but the Vice Chair is Tabitha Cale.

20 CHAIR PATHMAN: Congratulations.

21 VICE CHAIRMAN CALE: Thanks.

22 CHAIR PATHMAN: I look forward to working
23 with you.

24 VICE CHAIRMAN CALE: Thanks.

25 CHAIR PATHMAN: Okay. The next order of

1 business on tonight's agenda is to hear from, I
2 guess, the City Manager's Office as to the
3 strategic planning and performance.

4 MS. INES MATO: Hi everyone. I'm Ines Mato.
5 Once again, I'm the Strategic Planning and Performance
6 Analyst for the City of Miami. I'll move around
7 because my voice is a little low.

8 So, today I'm going to be giving you an
9 overview of the strategic plan. It's this booklet
10 right here. So, if you want to get it online, I'll
11 give you the URL. And, today I'm going to be
12 talking about the city's priorities and goals
13 describing the strategic plan for fiscal years 2015
14 to 2017. And, I will also discuss how our
15 priorities relate to the environment. So, if you
16 could move to the next one?

17 So, why is strategic planning important?
18 Well, it's important because we need to set
19 organizational goals, measuring and managing
20 organizational performance is also important. And,
21 also we need to communicate with customers and
22 stakeholders. We have a lot of public engagement
23 activities in order to make sure that the
24 priorities match with what our community wants.
25 Not only what we think is important but what our

1 community really wants.

2 You can go to the next one. So, we have
3 different strategy development sessions that help
4 us determine what the priorities and objectives
5 are. We also have focus group meetings and we have
6 surveys that go out to our citizens. So, we can
7 see how are we doing with the level of services and
8 how we're doing -- how satisfied citizens are with
9 the quality of life in Miami.

10 And, here are the main priority areas. We
11 have public safety, which is creating and
12 sustaining a safe environment for residents,
13 businesses, and visitors in the City of Miami.
14 Then we have clean and beautiful neighborhoods
15 that's like it says there, it's just about creating
16 a beautiful community.

17 And, then we have growth and development
18 that's about promoting development and sustainable
19 economic growth in the City of Miami.

20 And, then we have also location and economic
21 access. This is important because we need to make
22 sure that everyone has access to the same
23 educational and economic opportunities. Not only,
24 you know, rich communities but also in impoverish
25 communities.

1 And, then, finally a efficient and effective
2 government. We want to make sure that we're
3 delivering high quality and effective services to
4 customers in a timely and cost effective manner.

5 So, I want to talk a little bit more about how
6 our priorities relate to sustainability and the
7 environment. The way the plan works is we have
8 different priorities and then each priority has
9 goals and strategies for -- those goals. So, for
10 example, for promoting sustainability and
11 resilience is a goal and so the strategies to get
12 there are those three. We have more but those are
13 just a sample for you to see.

14 The first one is increasing recycling within
15 the City. The second one is implementing
16 sustainable practices in City operations. We want
17 to make sure that we are saving from electricity to
18 water to recycling in the City. Everything starts
19 by doing it in the City and then, of course, that
20 we want to take those things outside the City.
21 And, then we have promoting best practices in
22 conservation of natural resources.

23 Okay. So, another goal that is important for
24 us is promoting livable and sustainable
25 communities. That's another goal that we have in

1 the plan and some of the strategies associated with
2 that goal it's promoting walkability (sic) and
3 bikeability (sic). We all know that traffic is crazy
4 in Miami. So, we want to make sure that people can
5 start walking and biking and going to parks and not
6 being driving all day. And, we also want to
7 increase parks and open spaces.

8 I also wanted to touch on some initiatives
9 promoting sustainability. We have a lot more but I
10 just wanted to touch on a couple of them. The
11 first one is Keep Miami Clean Campaign. This
12 Campaign has been pushed by a couple of the
13 departments and it involves -- citizens to clean
14 certain areas of Miami. It also involves educating
15 citizens on how important it is to keep the City
16 clean.

17 The second initiative is increasing solid
18 waste services such as garbage collection. And,
19 another important initiative is the release of
20 code compliance materials. Our Code Compliance
21 department, they have released very easy to
22 understand materials with pictures that explain
23 what constitute a code violation. Many of these
24 code violations are detrimental to the environment.
25 It might be graffiti, it might be the garbage

1 outside someone's door, so we just want to make
2 sure that people understand that this is affecting
3 the environment.

4 And, then as I said before, again, for opening
5 new parks and recreational facilities just to make
6 sure that people can start, again, walking and
7 biking and not only driving their cars all day so
8 that way we help the environment and we decrease
9 pollution.

10 Okay. And, as I said before, the strategic
11 plan, I didn't have that many copies printed
12 because we're actually releasing the new updated
13 strategic plan. So, you can go to the website
14 miamigov.com/strategicplanning and there you can
15 access that booklet. We'll be releasing the
16 updated version by November or December and you can
17 also reach me at my e-mail, imato@miamigov.com if
18 you have questions.

19 You can also visit
20 miamigov.com/strategicplanning/poll. We have
21 released a monthly poll just to measure opinion on
22 different topics. And, the idea also is just to
23 engage the public and to have a conversation. Not
24 only to push information out but to start having a
25 two-way conversation with the public.

1 The last thing I also wanted to mention, as I
2 said before, that we're planning to incorporate
3 more initiatives that have to do with the
4 environment into the strategic plan. So, if you
5 have any ideas or anything that you would like to
6 see in the plan, let me know and we'll work into
7 incorporating this.

8 Thank you everyone. And, as I said, reach out
9 to me if you have any questions.

10 CHAIR PATHMAN: Thank you very much. I
11 guess moving into monthly meeting scheduling. I
12 think we need to get a grasp of when, how often
13 we'll meet and what's the best, you know, evening
14 or daytime and what facilities.

15 Matthew, will we always be meeting here in
16 this room or at the City?

17 ASSISTANT CITY ATTORNEY HABER: I think it
18 depends on availability.

19 MR. STEWART: Yeah. It really depends on
20 availability. Actually, you're free -- this
21 Board is free to wherever they want so as long
22 as there's public access and parking is free.
23 So, City Hall can be a little bit tricky to
24 reserve especially at certain times of the
25 year.

1 So, I mean, if you want to rotate amongst each
2 other, there are some facilities related to this
3 initiative who, you know, would be a good fit for a
4 meeting like this if anyone wants to propose.

5 CHAIR PATHMAN: Can't kick the Commission
6 out of their chambers when we have our meeting?

7 MR. MURLEY: It would be good, Mr. Chair, I
8 think if we could go at some point, maybe after
9 we've had some briefing meetings, wherever you
10 think is appropriate but at some point go out to
11 the Districts.

12 CHAIR PATHMAN: Are you looking at my
13 notes?

14 MR. MURLEY: Well, I'm volunteering to help
15 you lead us.

16 CHAIR PATHMAN: City tour.

17 MR. MURLEY: I know I live in Shenandoah and
18 the Commissioner comes, we have a big meeting once
19 a month. This would be a great topic at the
20 appropriate time when you think is right, Chair.

21 CHAIR PATHMAN: Does anybody have a problem
22 meeting here or getting here? And, does evenings
23 work as opposed to, you know, afternoons or
24 lunchtime or mornings?

25 UNIDENTIFIED SPEAKER: Evenings are better for

1 me.

2 MR. MURLEY: Yeah.

3 MR. GOMEZ: I can propose my office as a site.
4 I'm on the 10th floor of MRC. I don't know who
5 works where but in the downtown area if you work
6 there, I have a great location. It's basically a
7 Command and Control Center for Emergency Management
8 and I've got desktops.

9 ASSISTANT CITY ATTORNEY HABER: But, is it
10 like passkey access?

11 MR. GOMEZ: Yes. But if I'm going to be there
12 I'll get you a pass. Do you mean to get into the
13 building?

14 ASSISTANT CITY ATTORNEY HABER: I meant for
15 the public.

16 MR. GOMEZ: Yeah. That's true. That's the
17 only negative. That would be the only negative.
18 Okay. Scratch that.

19 MR. STEWART: Mr. Chair, I'd like to propose
20 my office, the Office of Sustainable Initiatives.
21 We are housing the Miami Green Lab which is the
22 Green Building Resource Center for the community
23 and it has quite a big meeting space.

24 MR. MURLEY: Is that on 27th?

25 MR. STEWART: Yeah. On 27th. Exactly.

1 Parking is going to be a little challenging but
2 there's free parking around the area, a couple
3 blocks radius. This is what the building was
4 designed for, to have these type of community
5 meetings on environmental topics.

6 So, this building is always available to this
7 Board. You just need to let me know if you want to
8 have it somewhere else that's fine but you always
9 know that the Green Lab is always available to you.

10 CHAIR PATHMAN: Okay. I think unless
11 anybody's opposed that we, you know, rotate and see
12 what works best for everybody and deal with the
13 traffic and parking issues as they arise.

14 MR. STEWART: And, if anyone wants to come by
15 for a tour, just feel free to contact me. It's a
16 Leadership in Energy and Environmental Design building.
17 It was built with energy stimulus dollars from the 2009
18 Recovery Act. A really good fit.

19 CHAIR PATHMAN: Probably good for the Sea Level
20 Rise Committee to meet in a building like that.

21 Timing, does everybody agree evenings or six
22 o'clock work? I think that's probably the best
23 time for the public of anybody that wants to
24 attend, although, obviously commission meetings and
25 other board meetings are held in the afternoon. We

1 can try sticking with six o'clock and then, you
2 know, see how that works for everybody.

3 Is everybody in agreement with that? Okay. I
4 don't know if I need to make a formal motion for
5 that. Do you want us to do that formally since
6 we're a committee?

7 ASSISTANT CITY ATTORNEY HABER: It's up to
8 you.

9 CHAIR PATHMAN: Okay. I think we should.
10 I think we should just put everything on the
11 record. So, I need someone to make a nomination
12 that we will meet either at City Hall here or at
13 the Green Initiative Building and that currently
14 our meetings will be at six o'clock in the evening.

15 Do I have anyone that wants to make that
16 motion?

17 UNIDENTIFIED SPEAKER: I'll make that motion.

18 CHAIR PATHMAN: Okay. Anybody second it?

19 UNIDENTIFIED SPEAKER: I'll second it.

20 CHAIR PATHMAN: Okay. Thank you. All
21 those in favor just say aye.

22 (Thereupon, the committee members responded in the
23 affirmative.)

24 CHAIR PATHMAN: All those opposed? Any
25 abstentions? Okay. It's unanimous.

1 I think the next thing we're going to talk
2 about scheduling is how often are we going to meet.
3 I think to start once a month is probably good. I
4 think as we get into, you know, more issues and as
5 things arise as Jim has pointed out maybe around
6 the City, we may want to meet twice a month on a
7 particular issue or call a special meeting on
8 something that we think is important to address.

9 Or if someone from the Public brings an issue
10 to our attention or from the City, as well, that we
11 may want to meet with that and not wait an entire
12 month depending upon when that comes up or the
13 proximity to the next meeting.

14 So, I think we should all agree that -- again,
15 I just kind of want to be formal this first meeting
16 about, you know, making a motion that we agree to
17 meet at least once a month, no less than once a
18 month.

19 Does anyone want to make a motion?

20 UNIDENTIFIED SPEAKER: So moved.

21 CHAIR PATHMAN: Someone second?

22 UNIDENTIFIED SPEAKER: Second.

23 CHAIR PATHMAN: All those in favor?

24 (Thereupon, the committee members responded in the
25 affirmative.)

1 CHAIR PATHMAN: All those opposed? Any
2 abstentions? Okay. So, that passes, as well.

3 So, I think as far as the monthly scheduling
4 that I think we've solved that and that works for
5 everybody.

6 I had a couple questions, Matthew, for you.
7 Now that we have a Chair and a Vice Chair, are we
8 allowed to talk outside or must we talk within the
9 meeting? So, if we want to create an agenda or a
10 mission statement or something like that, are we
11 allowed to do that or must it be in the meeting
12 itself if it's administrative in nature?

13 ASSISTANT CITY ATTORNEY HABER: Generally,
14 if you're going to have a conversation about
15 official business and it's going to be between
16 the two of you, it's going to be a Sunshine
17 Law noticed event. If you want to talk with Ajani
18 about what you think should be on this agenda and
19 Ajani's going to create the agenda that's fine.

20 CHAIR PATHMAN: Okay. Well, --

21 ASSISTANT CITY ATTORNEY HABER: So, Ajani
22 can create the agenda without some sort of
23 Sunshine Law notice issue and he can take into
24 account the various things that anyone, be that a
25 Board member or member of the public wants to put

1 on that agenda.

2 CHAIR PATHMAN: And, I assume that we
3 cannot talk, myself individually or my co-chair and
4 I to a commissioner? I kind of wanted to get some
5 idea other than from Commissioner Suarez what does
6 the Commission, the Mayor think, what do they
7 expect out of this committee and what, if any,
8 goals do they have. So, we kind of address those
9 ideas in a mission statement.

10 ASSISTANT CITY ATTORNEY HABER: You could
11 individually write -- if you're not meeting
12 with multiple members of this Board and you're not
13 discussing like -- if you just as the Chairman or
14 you as the Vice Chair or any of you as a singular
15 member of this Board want to meet with a member of
16 a different Board, in this case the City
17 Commission, you can do that. That's not an issue
18 under the Sunshine Law because you guys don't vote
19 on the same issues.

20 CHAIR PATHMAN: Okay.

21 ASSISTANT CITY ATTORNEY HABER: It's more
22 of a problem if you're using that as a way to
23 communicate amongst each other.

24 CHAIR PATHMAN: Okay. And, how long --
25 have you been given any direction about how long

1 this committee should last? Is it an ongoing, is
2 it a permanent committee, is it six months, a year?

3 ASSISTANT CITY ATTORNEY HABER: The resolution
4 I saw was it was a permanent committee.

5 CHAIR PATHMAN: Okay. So, it's an ongoing.
6 And, is there any rules concerning how often a
7 Chair or Vice Chair should rotate or change or
8 anything?

9 MR. STEWART: It actually states it where it
10 states the resolution.

11 CHAIR PATHMAN: Okay.

12 MR. STEWART: It's at the pleasure of the
13 Committee so it's kind of open ended.

14 CHAIR PATHMAN: Okay. Because I think, you
15 know, there may be others that want to be given a
16 chance to be Chair or Vice Chair.

17 ASSISTANT CITY ATTORNEY HABER: You also
18 have not adopted like there are no particular
19 bylaws here and you haven't adopted particular
20 rules of procedure. So, I've just been going off
21 of Robert's Rules of Order as a default.

22 CHAIR PATHMAN: Okay.

23 ASSISTANT CITY ATTORNEY HABER: There are
24 other rules of procedure you could adopt as a
25 committee.

1 CHAIR PATHMAN: I think Robert's is
2 probably the easiest to go with.

3 ASSISTANT CITY ATTORNEY HABER: So, there
4 are procedures laid out in Robert's Rules of
5 Order if you wanted to rotate the Chair a
6 different way.

7 CHAIR PATHMAN: Okay. And, I think it's,
8 you know, my feeling is that we have a lot of
9 intelligent minds in here on this committee and
10 people with different experiences and no idea or no
11 issue is too small.

12 Obviously, one of the things we should do as a
13 public committee is take into consideration the
14 concerns of the community that we're serving and
15 the individuals. And, you know, I think we'll hear
16 all kinds of things whether it's dealing with
17 historic, whether it's the flooding of someone in
18 front of their house, and how are we going to deal
19 with those issues or maybe they think this is the
20 right forum.

21 We have to decide as a group what is it that,
22 you know, our goal is. What is our mission
23 statement? What are we trying to address? The
24 head of our committee is, you know, Sea Level Rise.
25 So, that's a very specific issue and a lot of

1 people get flooding and sea level rise confused or
2 waste and water and sewer and a lot of them
3 overlap. As we know, you can't say climate change
4 in the State of Florida so we have to be very
5 careful.

6 MR. MURLEY: Climate Change.

7 CHAIR PATHMAN: Jim. So, and, you know, I
8 know Jim and Jim brings a lot to the table and I'll
9 get to know the rest, the some of you that I don't
10 know, better, I'm sure, over time. And, you know,
11 there's a lot of things that Jim has been working
12 on for many years in things in dealing with Florida
13 and flooding and now sea level rise.

14 So, you know, it's important for you guys to
15 express yourselves and get the ideas out so that we
16 can decide. I think at some point, I don't think
17 it's going to happen tonight but maybe after the
18 second meeting, you know, what is our mission
19 statement? What do we want to accomplish as a
20 group and how do we hope, you know, to accomplish
21 that?

22 Other cities have a taskforce. City of Miami
23 Beach has a taskforce. Reinaldo's been, you know,
24 kind of involved in attending some of those
25 meetings and some of the people that have been

1 presenting before that taskforce or that committee.
2 Miami-Dade County has yet to form one, although
3 they just hired a Resiliency Coordinator.

4 I personally think that while our task is on
5 behalf of the benefit of the citizens of the City
6 of Miami, any true solution of sea level rise has
7 to be a global master plan for the community
8 otherwise it's probably not going to work or get
9 funded in the way that it should. So, we have to
10 take that into consideration as to, you know, what
11 is it that we want to do and how do we maybe
12 incorporate activities or things that other cities
13 may be doing that effect, you know, Miami.

14 Obviously traffic, while it's not an issue of
15 sea level rise, it's clearly effected when the
16 streets are flooded like recently, the last few
17 days. So, we have to make a laundry list, I think
18 a mission statement, of what our ideas are and what
19 kind of resolutions do we want to, you know, pass
20 or undertake.

21 Now, I have some questions, you know, for the
22 administration in terms of we have an issue before
23 us, we take a vote, we pass the resolution, then
24 what? Where does it go from there? Is it
25 something that if there's someone in the room that

1 objects to it, do they have any rights with regards
2 to appeals or who acts on the resolutions that we
3 may pass?

4 ASSISTANT CITY ATTORNEY HABER: So, this
5 is an advisory committee which means at the
6 end of the day what you're doing is you're making
7 recommendations to the City Commission. So, that's
8 how anything would be found. And, you can make
9 those recommendations in any form that you decide
10 is most appropriate, be it a resolution, be it a
11 report, however you feel is most effective.

12 CHAIRMAN: PATHMAN: Okay. So, as an advisory,
13 I assume everybody understands what that means.
14 You know, we don't have official power to enact
15 something. We will make recommendations, I assume,
16 in the form of resolution and maybe make a
17 presentation before the Commission from time to
18 time about the resolution we passed to see if they
19 will take it under advisement or implement it.

20 I think that we should also, you know, through
21 our various private lives, you know, let people
22 know that this committee exists because it's
23 obviously new and people should know that there's
24 now forum in the City of Miami that is going to
25 start addressing sea level rise issues or SLR.

1 Does anybody have any -- Vice Chair, would you
2 like to say something or any issues or things or
3 concerns that you have?

4 VICE CHAIR CALE: No. I think that's a good
5 place to get started from.

6 CHAIR PATHMAN: David?

7 MR. MARTIN: One of the questions I have is I
8 think it's great that Nzeribe's here from the City
9 Manager's Office and how we can interface with and
10 also obviously the Head of Emergency Response and
11 how we interface with other departments within the
12 City in order to have them potentially participate
13 if the agenda has to do with Land Use Initiatives
14 or if the agenda has to do with Public Works
15 Initiatives, etcetera.

16 So, I guess trying to set an agenda and trying
17 to coordinate an agenda that has active
18 participation from other City Departments I think
19 is going to be I think a goal that I think would be
20 great. Because one of the questions for me in
21 these committees is as they are advisory but, you
22 know, these resolutions and reports, you know, our
23 goal I think is not for them to just sit on a shelf
24 and just -- we'd like to understand how things can
25 be enabled in order to be effective and

1 implemented.

2 Sometimes we may, without their guidance, we
3 may be coming up with resolutions that don't --
4 aren't enabled.

5 CHAIR PATHMAN: That's a good idea and
6 obviously I think as we have discussions about
7 things we'll formulate that ideology and get their
8 input.

9 Has anyone on the Committee seen the Advisory
10 Report issued by Harvey Ruvlin's Committee at the
11 County Level? Has anyone read that?

12 MR. MURLEY: I was Vice Chair of that
13 Committee.

14 CHAIR PATHMAN: There you go.

15 MR. MURLEY: And, I was going to mention
16 it to you as Miami-Dade County Sea Level Rise
17 Report, Google and you'll find it.

18 CHAIR PATHMAN: Right. I was going to
19 suggest maybe we can be provided a copy for
20 everybody. I think it's interesting to look at
21 and review.

22 MR. MURLEY: More importantly because of
23 the statement David made about, you know,
24 these things not sitting somewhere. Commissioner
25 Sosa and several other County Commissioners took

1 the seven recommendations and turned them into
2 resolutions for directly the Mayor to make
3 quarterly reports. So, they're on the October
4 County Commissioner Agenda.

5 So, Staff can probably -- they're not
6 particularly substantive because they're the first
7 quarterly reports but they will be available to
8 this Committee and they are, you know, gathering
9 information from the County and the Region and the
10 State.

11 So, it will be a pretty good source of
12 information.

13 CHAIR PATHMAN: I think we should follow up
14 -- if Staff can help us follow up with that? It's
15 important to know what the County's doing so we
16 don't run head on into them and also know whether
17 we agree or disagree as a Committee with things
18 that they're proposing that might affect the City.
19 So, we should really follow that.

20 Reinaldo, I know you've been intimately
21 involved with what's going on in Miami Beach. Any
22 comments that you want to make about what you know
23 -- or some of those things that you might want to
24 share with the group?

25 MR. BORGES: Yes. I think on the County side,

1 as well, as we know Commissioner Cava has been very
2 proactive and we should follow along with some of
3 the things that she's initiating with the County
4 Commission. I think that, you know, there's a lot
5 of intelligence coming out of that effort that, you
6 know, follows along with what Harvey did.

7 In terms of the report that Harvey did, you
8 know, I don't know if -- most of you may be
9 familiar with it. As an architect, when I read it
10 it's like how does it affect what I do tomorrow?
11 Really, it doesn't. The biggest challenge with
12 this issue as we may know is implementation and
13 sort of adaptation of code standards and
14 regulations that affect the way that we design
15 infrastructure and buildings within the city.

16 In that sense, Miami Beach and this is a
17 portable document format that I can send to any of
18 you that may be interested, this is a draft report
19 that AECOM has issued most recently to the City Manager.
20 It's kind of an interesting process and we may want to
21 discuss this because what the City Manager did is,
22 you know, through the Public Works Director they
23 hired AECOM. They gave them an initial task which
24 has been expanded.

25 And, right now there are like seven components

1 of codes that they're looking at in modifying.
2 And, at the chamber, you know, alerting the
3 business community about this, we're trying to make
4 sure that everybody understands what this means and
5 how it's going to affect development and, you know,
6 how you really move this thing forward.

7 But they have, for example, the City of Miami
8 Beach Building Ordinances are being looked at, the
9 Florida Building Code which we met with Mariano,
10 the Building Official about many times, the
11 Comprehensive Plan, the MIMO Design Guidelines
12 (phonetic) the Stewart Preservation Issues, of
13 course.

14 So, this is a City specific report which I
15 think really gets into how the rubber meets the
16 road. I mean, this is really how Public Work
17 Standards are evolving in a barrier island, how the
18 buildings will be designed differently whether it's
19 in a residential neighborhood or a commercial
20 neighborhood.

21 So, it's kind of something that I think Miami
22 has been lacking, you know, I feel like if you look
23 at -- there's one in San Diego. You can Google.
24 San Diego has a very comprehensive report and what
25 was impressive about the report that San Diego

1 produced which was kind of different than what
2 Harvey produced and this is not a critique on
3 Harvey, it's just the way things are in South
4 Florida.

5 It's that San Diego Report included probably
6 like twenty different municipalities that all were
7 around the table, all participated, all
8 collaborated, all understood the map because this
9 is about understanding the map.

10 And, then also as Commissioner Suarez says,
11 the Copenhagen one and I have this in a PDF, as
12 well, the Copenhagen Adaptation Plan won an award,
13 you know, for not just its complete design and
14 layout but the content that it has. And, it has a
15 lot of applicability as a format to the kind of
16 things that perhaps Miami could look at. You know,
17 I think that it's similar to what AECOM was doing.

18 CHAIR PATHMAN: If I could ask you, maybe
19 you could create a link that you could send to all
20 of us?

21 ASSISTANT CITY ATTORNEY HABER: He can't do
22 that.

23 CHAIR PATHMAN: Through you. I wasn't
24 going to do it directly but to you send a link that
25 we could share through all the Committee Members so

1 that they could read at their leisure some of the
2 reports that you and I have already read or are
3 familiar with like the AECOM report. I think it
4 will educate everybody.

5 MR. BORGES: And, these are PDFs so we can
6 shoot them to Ajani and you will. So, I mean,
7 there's just a lot of information. I'm trying to
8 as part of the effort at the American Institute of
9 Architects sort of synthesize all this information
10 and try to make it available and useful.

11 And, a lot of it is sort of very real based on
12 the reality on how we build our cities. There's
13 also a lot of academic information that FIU and UM
14 are producing through their students which I think
15 is highly innovative and productive and fantastic
16 and encouraging. The thing is, is that as we know,
17 students sometimes go into fantasy land. So, you
18 know, we need to be very reality focused, I think
19 in some of the initiatives that we may take.

20 That's kind of been what the American Institute
21 of Architects has been trying to do is sort of look at
22 the reality of how development works, you know, how --
23 I'm so delighted that we have David Martin sitting in
24 this room because David is one of the few innovative
25 developers that really has the courage to be in

1 this room.

2 CHAIR PATHMAN: Maybe the only one.

3 MR. BORGES: Which is really amazing.

4 MR. MARTIN: I may not be here next month
5 after we saw the slideshow.

6 MR. BORGES: But, indeed, you know, there's a
7 lot of conversation. We just had an incredible
8 event last week where, you know, Jay Parker from
9 Douglas Element was saying there's about 250
10 billion dollars of investment money that wants to
11 be in South Florida in real estate development.
12 So, it's like -- the scary idea is, you know, how
13 do we do that? How do we do that in a way that is
14 intelligent, that is resilient, that is
15 sustainable, that will expand the life of all of
16 these assets.

17 CHAIR PATHMAN: You had a comment?

18 MR. STEWART: With regards to the conversation
19 about materials and the things available, our
20 Information Technology Department is creating a website
21 for this Committee. So, we'll have the depository to
22 put these things on so we can share.

23 I'm not sure if the domain name is final yet
24 but more than likely it's going to be
25 miamigov.com/sealevelrisecommittee but I'll confirm

1 that with all of you by next week and then we can
2 house anything that any of the committee members
3 give to put up there.

4 CHAIR PATHMAN: Before we move further on
5 on the agenda and maybe open up for some of the
6 people here from the public, I think that we need
7 to formulate what our next agenda is going to be.

8 MR. MURLEY: And, you haven't picked a day.

9 CHAIR PATHMAN: Well, we will. We'll get
10 to that. Do you want to be the Chair?

11 MR. MURLEY: No. I just want to make sure we
12 get the day.

13 CHAIR PATHMAN: We'll get there. We'll get
14 there. I've got a list here. This was all thrust
15 upon me in the last fifteen minutes.

16 But, let's get the day so that Jim is happy.

17 MR. MURLEY: I want to put it on my computer.

18 CHAIR PATHMAN: Okay. What day next month?
19 I'm realizing next month is a short month because
20 of the holiday. When does it work for everybody?

21 ASSISTANT CITY ATTORNEY HABER: Also, I
22 mean, if this is logistically helpful, for
23 scheduling these kind of meetings you can just
24 provide your dates of availability to Ajani who can
25 then figure out what works. That doesn't always

1 require.

2 CHAIR PATHMAN: We're all here now. If we
3 can agree and it would make your life a lot easier.

4 UNIDENTIFIED SPEAKER: So, are we talking
5 about November?

6 CHAIR PATHMAN: November. Yeah. I don't
7 want to wait too far into the month being that
8 we're meeting the first week.

9 UNIDENTIFIED SPEAKER: November 2nd?

10 UNIDENTIFIED SPEAKER: The 2nd looks good.
11 That's a Monday.

12 MR. MURLEY: I can do that.

13 CHAIR PATHMAN: Monday works for me, the
14 2nd. We could try to pick a day that we meet
15 regularly, you know. Now, if that works for
16 everybody it could be the first Monday of every
17 month at six o'clock. Does that work for
18 everybody? Of course people can call and say it
19 doesn't work and try to have, I guess, a quorum.
20 We could try that?

21 UNIDENTIFIED SPEAKER: I think that's a good
22 idea.

23 UNIDENTIFIED SPEAKER: Good idea.

24 VICE CHAIRMAN CALE: Yeah.

25 CHAIR PATHMAN: Okay. Is everybody in

1 agreement on trying the first Monday of every month
2 at 6:00 p.m.? Okay.

3 UNIDENTIFIED SPEAKER: Do we have to make a
4 motion for that?

5 CHAIR PATHMAN: I like to make motions.

6 UNIDENTIFIED SPEAKER: I make a motion that we
7 meet the first Monday of every month.

8 VICE CHAIRMAN CALE: I would love to second
9 that.

10 CHAIR PATHMAN: Okay. Second. All those
11 in favor say aye.

12 (Thereupon, the committee members responded in the
13 affirmative.)

14 CHAIR PATHMAN: All those opposed? Anybody
15 abstain? No. The motion passes.

16 UNIDENTIFIED SPEAKER: I'll make an amendment.
17 At 6:00 p.m.

18 CHAIR PATHMAN: I said at 6:00 p.m. Okay.

19 MR. MURLEY: I'm very happy. Thank you,
20 Mr. Chair.

21 CHAIR PATHMAN: Thank you, sir.

22 UNIDENTIFIED SPEAKER: Mr. Chair, is there a
23 time limit for these meetings or no?

24 CHAIR PATHMAN: No. There isn't. I would
25 imagine as we get going the meetings will last

1 longer than they will, let's say, tonight.
2 Especially after we figure out what our mission is
3 and our agendas and how, you know, global we want
4 to be with sea level rise issues, which is why I
5 wanted to get into agenda.

6 I think all of us probably have something
7 already in their mind that they would like to see
8 on the agenda and we may hear from the public
9 that's here things that they would like to see.

10 I'll start with myself, you know, one of the
11 things as I said earlier that I think is very
12 important is understanding the economics of sea
13 level rise. So, for me trying to digest the future
14 issues related to flood insurance, banking, and
15 taxation I think are going to be a major impact
16 long before the water gets here and will dictate,
17 you know, the economic stability of the City in the
18 not too distant future.

19 And, when I say not too distant future, you know,
20 one of the things I believe is that within the next
21 the next ten year it's likely that the Federal Flood
22 Insurance Program which is administered by Federal
23 Emergency Management Agency and which borrows money from
24 the Treasury and never pays it back, is already 30 billion
25 in the red not including this year, this fiscal year.

1 So, it's likely that that program will either
2 change dramatically or will be abandoned and flood
3 insurance will become something for the private
4 sector. When that happens, insurance will sky
5 rocket and that will then have an affect on
6 banking. In my law practice I represent a number
7 of banks, I've been asked from time to time, you
8 know, how serious is the sea level rise issue and I
9 think you'll see an impact of, you know, banks not
10 wanting to give 30 years mortgages. They'll give
11 you a 30 year amortization and they will not risk
12 collateral 30 years down the road.

13 That will have a huge effect economically.
14 And, then, of course, taxation as the City moves to
15 try to combat these issues and hopefully take a
16 number of our ideas and implement them that's going
17 to cost money. Where's the money going to come
18 from? So, that's one of the main areas I have. I
19 know and I don't want to speak for Reinaldo but
20 I'll ask him to be brief and go next. But, you
21 know, as an architect, you know, he has a lot of
22 ideas when it relates to design. And, as a zoning
23 lawyer I have a lot of issues that relate to
24 zoning, as well.

25 But, I know that's one of his passions. So,

1 I'll give Reinaldo a couple of minutes and if you
2 could?

3 MR. BORGES: Yeah. Well, being in the City of
4 Miami, of course, and I'm not in Miami Beach. I
5 live in Miami.

6 CHAIR PATHMAN: You live in Miami Beach.
7 You just don't know it.

8 MR. BORGES: I have had conversations with our
9 talented Francisco, our Zoning Director, and our
10 fearless leader with Miami 21 and Zoning Guidelines
11 in the City. Sort of initiating the conversation
12 that I think is coming to him, which is how do we
13 modify Miami 21 to allow us to design buildings
14 that have more flexibility and adaptability into
15 the future.

16 He's incredibly stimulated by the question.
17 Of course, right now he is the busiest planning
18 director in this part of the world because, as we
19 know, Miami has got a lot of stuff on its plate.
20 So, along with the fact that he's got limited time
21 and resources, I think that through this Committee
22 we could try to incentivize Francisco to try to
23 find time and resources to participate in this
24 conversation and initiate something.

25 We know we have, you know, like I used to have

1 to work really hard to design a sustainable
2 building because clients were like why? Why do I
3 want to do that? It's like the Miami 21 Code, you
4 know, facilitates that for me so my client says,
5 well, yes we have to do it, it's in the Code, it's
6 already prescribed in the Code.

7 And, I think the same way with resiliency, you
8 know, once we codify a lot of these issues it
9 becomes a lot easier, you know, to make sure that
10 we're building a more intelligent and more
11 resilient city.

12 So, I think planning, you know, is something
13 that is vital. I did speak briefly with our
14 fearless building official who's also an engineer
15 by training and very passionate about the way
16 buildings behave. And, I think with the Building
17 Code issue is another one.

18 And, you know, Mr. Iglesias seems to be a
19 little bit of a denier that anything is happening,
20 which is always a challenge, you know. But, you
21 know, I think we could start inviting individuals
22 like that that perhaps could engage in conversation
23 and maybe start to project an agenda that the City
24 Staff has that we could also hopefully stimulate
25 and encourage, you know.

1 CHAIR PATHMAN: Jose, do you have anything
2 that you'd like to see that we can get started with
3 our next agenda and try to formulate our kind of
4 mission?

5 MR. REGALADO: As far as the next agenda, I'm
6 not sure because I haven't -- but what I've seen a
7 lot whenever I've traveled to places it's kind of
8 just to try and figure out this is a game of, you
9 know, throwing things in the bucket and hopefully
10 -- because we can't do drastic change over night
11 and it's expensive.

12 So, the ocean reacts, you know, everything is
13 connected to it. Right now they just did a -- they
14 were able to remove carbon out of -- the oceans of
15 carbon sink so they're able to start removing
16 carbon out of it through a machine but it actually
17 increases ocean acidity which is bad. So, it's
18 like this constant battle thing. So, I think we
19 really just need to use ingenuity.

20 I would love to talk to you, actually, about
21 transportation. I think that's a great thing that
22 we need to start talking. So, I'm just saying that
23 the -- sorry I'm jumping from thing to thing.
24 COP21 is also in Paris in December. I may try and
25 go if it would please the Board to represent you

1 and just be an observer. I have the time where I
2 can go.

3 That's it. Just try and use -- see if we can
4 use technology or something.

5 CHAIR PATHMAN: So, your issue would be
6 technology and adaptation at Sea Level Rise?

7 MR. REGALADO: Yeah.

8 CHAIR PATHMAN: Pete?

9 MR. GOMEZ: I probably have a different take
10 than mostly everybody on the Board. I'm finishing
11 up my Master's Program and I did some studies on
12 this topic a little bit but I look at it from, you
13 know, first responders' point of view and how this
14 affects us.

15 So, every time you build a building I'm like
16 okay, there's another city going up and within the
17 City how are we going to respond to it, how are we
18 going to take care of all these people? So, I look
19 at it from that perspective is as the sea level
20 rises and we have to take another component into it
21 that people are moving into closer communities.
22 So, our population is also increasing besides this
23 problem of the sea level rise.

24 What I also look at is what's causing the sea
25 level rise, you know, how do we as a city, as a

1 community try to turn back that, you know, carbon
2 footprint. I don't have the answer. I don't know
3 if the City's willing to take on that challenge
4 because we do have a lot of things that produce
5 emissions.

6 So, I think that's a big problem. How do we
7 get that message out to the community, to the end
8 users of those apparatus? So, I look at it in that
9 way. Identify what the problem is. Let's get a
10 good definition of sea level rise and what's
11 causing it and then do we deal with it and how do
12 we deal with it at what level.

13 CHAIR PATHMAN: Okay. How would you define
14 your issue that we'd like to have maybe as an
15 agenda item?

16 MR. GOMEZ: Well, like I said, I look at it
17 from responses. How do we in the emergency
18 response world deal with the sea level rise? In
19 other words, we have flooding and that's usually
20 what you're going to see but the flooding causes
21 issues where people are stuck in buildings. We've
22 got to go out and get, you know, that causes
23 manpower. There's manpower issues for us and
24 getting apparatuses out there and getting the right
25 equipment out there.

1 So, those are all, you know, from my
2 perspective -- those are monetary issues, you know,
3 budgetary items that we need to address from my
4 perspective. Logistically and budget.

5 MR. STEWART: Logistics during
6 emergencies.

7 CHAIR PATHMAN: So, emergency response to
8 SLR and budget?

9 MR. GOMEZ: Yeah. I'll give you another
10 example. Recently we had -- luckily the City
11 Manager's on board with all this. I asked for a
12 small budget to be able to do some mitigation
13 efforts just for the City. And, within my office
14 we're also constantly applying for grants,
15 pre-disaster mitigation grants so that we can get
16 out there and help whoever we can help.

17 We recently got a small grant, only \$275,000,
18 to be able to do some mitigation in low income
19 housing. We just got that. I would like to see,
20 like you said, some kind of major budget so we can
21 do some massive projects like flood control. We
22 have a problem with flooding, how do we address
23 that? That's big. The 2000 No Name storm caused
24 millions of dollars of damage to the City in
25 equipment alone and we were able to apply through

1 our office to get those dollars reimbursed by the
2 Federal Government because we were able to get a
3 disaster declaration.

4 But, if we don't get a disaster declaration on
5 that, which we're not going to get the money and,
6 you know, this administration especially with the
7 relationship it has with this governor is not going
8 to give us a declaration if we were to ask for it
9 right now. That's the way it is. That's the
10 politics of emergency management.

11 CHAIR PATHMAN: Good points. David?

12 MR. MARTIN: So, one simple thing that I would
13 like to make part of the agenda is what are the
14 objectors or deniers saying about sea level rise
15 and what is our response? It's kind of a script
16 that we need to have and I think I'd like to be
17 better educated on so that there's, you know, some
18 of the sarcasm and everything.

19 I was with a very important market study
20 appraisal firm and they told me, David, it's about
21 resource allocation. So, the City of Miami has a
22 budget, they need to provide services, they need to
23 provide quality of life. And, if there's no, you
24 know, there could be resources dedicated to
25 designing and coming up with solutions.

1 But, these huge investments that freak
2 everyone out from a tax point of view I think is --
3 so, anyway, so objections and responses. I think
4 just having a quick, simple fact sheet that we can
5 develop I think would be nice.

6 Number two, I think civil engineers. We work
7 with a lot of different civil engineers that have
8 amazing ideas and sometimes they're so busy with
9 their private practice they don't really
10 contribute. And, we have some very good ones here
11 that have a lot of experience in how we can get
12 that private sector civil engineering community
13 that works, you know, all the time with the City
14 and the Public Works Departments, etcetera, and the
15 South Florida Water Management. And, Department of
16 Environmental Resources Management, excuseme, not
17 DERM, Regulatory and Economic Resources.

18 I think that having some, you know, credible
19 civil engineering teams come and present and talk I
20 think would be nice as part of our agenda. Third,
21 you know, I think that -- I think that this budget
22 issue is a significant issue, you know. I always
23 argue that, you know, we always talk about
24 affordable housing, we talk about work force
25 housing, we talk about attainable housing.

1 And, sometimes housing that is low impact is
2 say low density but very high end. It creates a
3 huge annuity for communities, you know. So, the
4 question is, you know, and it's a question for our
5 commissioners, it's a question for our budget
6 directors. How can we start to trap some of this
7 new development tax revenue that we see out there
8 and try to start setting up a bucket for sea level rise?

9 So, being able to work with a budget director
10 of the City and see how they're forecasting new
11 development and how the revenues associated with
12 this new development, I know percentage goes to the
13 school board, a percentage goes to the City, a
14 percentage goes to the County but it would really
15 be great that, you know, ten percent of this new
16 development or this incremental can be kind of --
17 it's kind of a resolution.

18 Say, you know, City Commission says new
19 development tax revenue is incremental, tax
20 revenues that are currently not being used to
21 service the citizens, a percentage of that can go
22 towards the -- I think echoing what he's saying,
23 bringing the budgetary people that are really
24 forecasting tax revenues which I know are very
25 cyclical in our community. We just got assessed

1 recently for this year and I don't know if
2 anybody's seen their tax bill but it's in some
3 cases ten to thirty percent higher than it was last
4 year.

5 So, it's a really surprising thing. But, it's
6 a big challenge for the Budget Director but I'd
7 like to see if he can have a role in one of the
8 agendas, one of the meetings.

9 And, there's a bunch of other stuff but I'll
10 let everybody talk.

11 CHAIR PATHMAN: Madam Vice Chair?

12 VICE CHAIRMAN CALE: So, I guess two things
13 come to mind. The first is it would be really nice
14 to get some kind of overview presentation. Like, I
15 know anecdotally what areas tend to flood and what
16 areas seem like they're being impacted but don't
17 have a good sense maybe citywide what areas we're
18 really seeing some impacts already.

19 So, I know there are a lot of great sea level
20 rise mapping tools but maybe to have some
21 presentation that shows an overview of where in the
22 City we're starting to see, you know, the most
23 sunny day flooding or, you know, impacts from
24 flooding.

25 And, then maybe if there's City Staff that

1 could kind of speak to issues where we know we're
2 maybe already having problems with saltwater coming
3 up into the storm water drainage systems or if
4 there's roadways that might need to be replaced
5 sooner rather than later because they might be
6 close to the coast and, you know, having that sea
7 level rise start to erode a potential roadway.

8 So, something where maybe we can get an
9 overview of, you know, here's the elevation in the
10 City, this is where we're seeing impacts, and then
11 here are some potential things that the City Staff
12 are already having to deal with or we know we're
13 going to have to deal with. I think something that
14 would give that kind of overview for everybody
15 across the City would be great.

16 And, then another thing not necessarily for
17 the next agenda but I think just a good
18 informational item for this Board would be an
19 overview of, you know, like we live in an area
20 where one of the largest worldwide environmental
21 restoration projects is going on, Everglades
22 Restoration.

23 And, the County, the Four County Compact
24 identified Everglades Restoration as one of the
25 most important tools for adapting to and dealing

1 with the impacts of climate change in sea level
2 rise. So, just a presentation that would overview,
3 this is Everglades Restoration, this is how it's
4 going to kind of interface with these changes we're
5 seeing in the system.

6 So, for example, the water supply for the City
7 of Miami, you know, we're dependent on the Biscayne
8 Aquifer which is going to be recharged more by
9 Everglades Restoration. We're already seeing
10 saltwater intrusion pushing into the aquifers.
11 Some well fields and other areas have already had
12 to be moved further inland and Everglades
13 Restoration will provide more water recharge into
14 those aquifers to push back against the saltwater
15 intrusion.

16 So, you know, speeding up that process is
17 going to be beneficial for the City for protecting
18 our water supply. So, something that would just
19 give an overview of how Everglades Restoration
20 connects to sea level rise adaptation I think would
21 be useful.

22 CHAIR PATHMAN: Okay. Jim?

23 MR. MURLEY: Picking up on the Vice Chair's
24 comments, one of the things that makes South
25 Florida unique and I think to our benefit since

1 we're coming along in a time sequence after a lot
2 of work's been done at the regional level, both at
3 the Water Management District working at that level
4 and then down to the Four County Compact.

5 We can, I'm sure, put their link up. What I
6 would recommend, Mr. Chair, in terms of a future
7 speaker when you think it's appropriate is maybe
8 someone like Nicole Hefty from the County
9 Resilience Office because I think she could both
10 brief you on where the County is with their
11 resolutions implementing the report, which is where
12 the detail comes.

13 And, the Compact itself because the Compact is
14 just about to issue a new regional projection of
15 sea level rise that comes from a consensus
16 committee and I think that could be shared and that
17 will help with inundation and other things.

18 But, just basically we're very fortunate to
19 have our counties working together and to have a
20 very active role now for the cities to be involved.
21 So, I'm not going to -- I think somebody there
22 should be the speaker and we will get a rich amount
23 of information and it will help us understand how
24 the cities were all kind of involved.

25 I would add, also at a future time both University

1 of Miami and Florida International University I think
2 have -- there's a Sea Level Rise Institute at FIU and
3 there's a new Dean of Engineering and new Dean of
4 Architecture, basically, almost new at UM. They're both
5 very interested in this issue. So, I think, you know,
6 briefing, you know, keeping it at a practical level
7 I think is an opportunity. There may be some
8 students that want to work with us.

9 That would -- those would be my suggestions.
10 And, if you want to have fun and learn about sea
11 level rise, the Compact Summit is in Key West on
12 December 1st, 2nd, and 3rd. Great speakers, great
13 place to go, and I'll give all the information.

14 CHAIR PATHMAN: The Assistant City Manager
15 is going to pay for all of us to go.

16 MR. MURLEY: That's what I heard. Ajani, you
17 probably already have it but if you can? Thank
18 you.

19 CHAIR PATHMAN: In listening to everybody,
20 obviously there's a wide spectrum of issues. We're
21 not going to get them all resolved in the next
22 meeting. So, I think we should try to focus on a
23 few of them and I think as we develop what our
24 goals our and what our mission is, then we would
25 bring in some of these speakers to educate us and

1 the public and hear what they have to say and, you
2 know, formulate ideas and maybe even incorporate
3 some of the things that they're doing so that we
4 know what their initiatives are.

5 But, I think we have to get our house in order
6 first. This is our first meeting and we have to
7 create an agenda, you know, for the next one, the
8 next meeting, and it has to be noticed to the
9 public so they know what we're talking about.

10 I think some of the things that, you know,
11 jump out at me. One of them is what Pete said that
12 what is the immediate emergency need for the
13 community? Because they're experiencing the
14 flooding now from rainfall. It's not really a
15 hundred percent related to sea level rise and
16 everything and what we just saw this weekend is not
17 related to sea level rise. It's, you know, the
18 gravity, the -- pull of the moon and high tide and
19 so on.

20 But, there are flooding issues and they then
21 those issues have to be dealt with at the City
22 right now. So, I think that's something that
23 should be on our agenda and maybe Pete, you can,
24 you know, we can work together preparing something
25 through Staff that -- a presentation to maybe

1 discuss those issues, you know. How do we deal
2 with really the first needs of the community, which
3 is really the emergency needs.

4 The other thing that I think is important was
5 the economics of what I said. Is that the people
6 need to understand that the insurance is going to
7 change and it's going to change rapidly. It's
8 going to happen long before we start having issues
9 from sea level rise. Most of the reinsurance --
10 climate models and are reassessing. And, if
11 anybody knows anything about insurance companies,
12 their goal is to make a lot of money first.

13 And, what is that going to come from? It's
14 going to come from the insurance companies and
15 banks that are selling insurance and requiring you
16 to have insurance long before there's a real peril
17 but, you know, that's something we need to focus
18 on.

19 And, then I would say that trying to get an
20 understanding of the zoning and something Reinaldo
21 knows, the building and planning because, you know,
22 I know David that you're involved, your family is
23 involved, your company with building a lot of in
24 Miami-Dade County and in Miami. And, you know, we
25 are -- the City is going through an urban renewal

1 like it's never seen at valuations never seen
2 before and the Code does not require anything to be
3 resilient.

4 So, potentially, and I know this is a passion
5 for you as an architect, that, you know, new
6 design, new ideas have to start coming out and
7 there has to be incentives of the building
8 community, development community working with
9 government. Because potentially a lot of what's
10 being built is an obstacle to the future for
11 solutions.

12 I think that's one thing that we should kind
13 of take up on our agenda immediately and then the
14 other thing that I thought that may be something to
15 try to understand is the mapping that you said.
16 That it would be good to have kind of an overview
17 and say well, here's the City of Miami, what are
18 the worst areas that are going to be affected?

19 So, those would be and please feel free to
20 comment. This is not about me making the agenda
21 but those are the things I think our next agenda we
22 can start touching on those things. Potentially
23 invite, depending on how long it's going to last,
24 someone -- one person to speak. We shouldn't have
25 more than one speaker initially because it's just

1 too much us to do so before we have that and then
2 also hear from the public.

3 So, does anybody have any comments on that?

4 MR. GOMEZ: In reference to the mapping, I
5 could be wrong but I think we're already working
6 on it because we -- the Building Department,
7 Peter Iglesias is working on updating the CRS,
8 correct?

9 MR. IHEKWABA: Yes.

10 MR. GOMEZ: And, we're working on creating
11 a new mapping for it.

12 MR. IHEKWABA: Can I come in?

13 CHAIR PATHMAN: Sure. Absolutely.

14 MR. IHEKWABA: Again, my name is Nzeribe
15 Ihekwaba, Civil Engineer by training and profession
16 a Professional Engineer with a PHD in Structural
17 Engineering. For your information, Miami-Dade
18 Water and Sewer has done a lot of modeling of the
19 sea level rise impact on the City of Miami.

20 UNIDENTIFIED SPEAKER: AECOM.

21 MR. IHEKWABA: I'm probably going to reach out
22 to Miami-Dade Water and Sewer, which is where I
23 used to work, to see if we can have them come in
24 and make a detailed presentation to this committee
25 on the sea level rise impact on this City in terms

1 of saltwater intrusion, the impact on Biscayne Aquifer
2 which is the primary source of drinking water and
3 portable water supplied to the City.

4 And, also like Pete mentioned, we're going to
5 reach out to several department directors of the
6 City, the Planning Director, the Building Official
7 who's dealing with the Department Director, as
8 well, as well as the Public Works Director. Let
9 them come in and make technical presentations to
10 this committee.

11 As a matter of fact, do you see these ordinances
12 that I created or resolution that created this Committee
13 specifically require the City of Manager in Section
14 9 to work together with you and to also give you
15 technical and policy advice upon your request. So,
16 if it's the will of this Committee and with your
17 directive we can have staff through Ajani who's
18 your liaison to the City Department -- to the City
19 Manager's Office, we can come in on your scheduled
20 days and give you presentations.

21 In terms of what is currently available are
22 future plans of the City, we have to address these
23 issues. We are willing and we're available to do
24 that.

25 CHAIR PATHMAN: I appreciate that. Thank

1 you. It's very important and informative for us as
2 we, you know, continue to grow in this committee
3 and our understanding of the things that are needed
4 by the City.

5 But, I would like to try to see if we can
6 agree tonight before we -- like try to let some of
7 the people that have showed up tonight from the
8 public speak, is to create an agenda for our next
9 meeting in November and those topics.

10 I think that there could be a plethora of
11 speakers that we could bring in but I don't know
12 that we should do that first. I think we all have
13 to get to know and understand what goals we want to
14 achieve and what we want to do because I'm sure
15 everybody here has been involved in this issue and
16 there's no end anymore to the amount of speakers
17 and people from different departments. They all
18 have great ideas and we have to listen to a lot of
19 them and formulate our own opinions.

20 But, I think we need an agenda to kind of get
21 us going and then, you know, formulate what our --
22 again, I think we have to have like some idea. I
23 don't know if it's a mission statement or what but
24 something as to what our goals are as an advisory
25 committee.

1 So, you know, I think there's some general
2 things. Obviously, we have the new agenda like we
3 did tonight and I think that we, you know, I would
4 like one thing to -- if Staff can help us with is
5 to keep us aware and have one section of our
6 meetings where before we get started and to the
7 heart of it you advise us anything that you know
8 that's going on in the City itself through its
9 Committees, it's Commission so, you know, we're not
10 speaking out of turn and so that we're not aware of
11 something that may already be in the works or voted
12 on.

13 So, I'd like a Staff Report or something if
14 you could prepare that and we can talk about that
15 or work with that.

16 Yes?

17 MR. BORGES: Can I make a suggestion?

18 CHAIR PATHMAN: Sure.

19 MR. BORGES: I mean, I think that there's so
20 many components to this issue, like FIU has the
21 President said something like 800 or 900 professors
22 that have a piece of sea level rising in their
23 program. For me, of course, one of the hyper-
24 concerns that I have is that we do have a city that
25 is getting built every day, that is getting

1 designed and permitted with billions of dollars of
2 investment.

3 And, I'm also thinking that in this community
4 sometimes everybody sort of in the territorial
5 realm and sometimes we forget to integrate the
6 learning that others are doing. And, you know, I
7 really committed myself to studying everything that
8 AECOM is doing for the City of Miami Beach and
9 they're paying hundreds of thousands of dollars for
10 these experts to do what they're doing.

11 So, an idea is that, you know, Marcia who you
12 already have met because she came and presented to
13 our Sea Level Rise Taskforce could give us a quick
14 overview of the key points that the City of Miami
15 Beach through the leadership of Mayor Levine and
16 the rest of the Commission have asked them to do.
17 They've been at it now for almost a year.

18 And, it really ignites a lot of different
19 issues that I think we can learn from for free. It
20 doesn't cost the City of Miami anything. And,
21 wouldn't it be beautiful that suddenly the City of
22 Miami Beach starts to share some of the learning
23 with Miami without us having to reinvent things?
24 The same geology, same concerns. So, that's a
25 proposal to you that maybe because, you know, look,

1 I was amazed when I went to Harvey's --

2 MR. MURLEY: It was actually Commissioner
3 Sosa's Committee.

4 MR. BORGES: Yeah. I mean, it was like to
5 learn that we forget the Everglades has a lot to do
6 with protecting the urban realm, you know, people
7 are like really? Does that mean you're an
8 environmentalist, Mr. Architect, yeah, of course it
9 is. It means I am.

10 But, I think for the most part how we build
11 our cities and how modify our codes to me besides,
12 of course, emergency management and how do we
13 evacuate, how do we deal with flash flooding and
14 all kinds of other issues effectuated, rainstorms
15 and so on.

16 This is so fundamental that, you know, if
17 there is something that is most ambitious to me is
18 sort of learning from this as a committee and then
19 from there maybe establishing other things. Of
20 course, you know, the financial hardship, the
21 investment issues, and we talked about it a lot. I
22 mean, we've been thinking that incentivizing
23 developers and investors is intuitively important.

24 How do you do that? Well, you know, you
25 create all kinds of incentive programs. This

1 started to do that. I mean, when I first proposed
2 it at the Dutch Dialogues it was kind of like how
3 do you incentivize developers in Miami Beach when
4 everybody wants to reduce density and intensity in
5 Miami Beach and everybody's concerned about
6 evacuating an island that is very dense and you
7 don't -- perhaps intuitively want to densify it.

8 Well, they're starting to talk about that.
9 How do you create an incentive for someone that is
10 investing significant money into a development to
11 develop something that is going to be more
12 resilient, more sustainable through time?

13 CHAIR PATHMAN: I think that's good and
14 it's along the lines of what the Committee has said
15 about other people coming and speakers and learning
16 from a plan that's already in place. I think
17 there's potentially -- while it's a plan for
18 another city, we also have to address what the
19 city's concerns on how they want to, you know, move
20 forward. I think it's something we should be
21 looking at in terms of the plans but there's some
22 political things that we will discuss I think in
23 the future that relate to the relationship between
24 the cities and so on.

25 But, what I still think is important at least

1 for the next meeting is having an agenda to start
2 creating, you know, what it is that this group is
3 going to do. Again, there's a lot of speaking that
4 we're going to have come in and I think that should
5 be one of the items on the next agenda. Who do we
6 want to start with? Who do we want to have come
7 in? Table them, invite them, you know, give them a
8 platform to speak on. One certainly can be with,
9 what's her name, Marcia from AECOM.

10 But, I'd like to have, you know, a consensus
11 from the group to create the agenda, you know, for
12 next month on the issues that we all went around
13 the room and discussed. Which are the ones that we
14 should start addressing, have in there, you know,
15 our idea of creating what our goals our, you know,
16 in essence what our mission statement is.

17 I think we should also try to agree on a
18 timeframe of meetings, you know, we don't want to
19 be here until midnight unless some nights maybe
20 that will be the case.

21 But, I think that we have to have an
22 understanding so we can be, you know, like I said
23 we could have an understanding about emergency
24 issues, interfacing with departments within the
25 City and outside the City. It could be dealing

1 with issues related to impending issues related to
2 insurance, mapping, and dealing with building and
3 zoning.

4 I think that's a good agenda.

5 UNIDENTIFIED SPEAKER: Those four topics.

6 CHAIR PATHMAN: Yeah. To start with and
7 then we should have a public speaking component to
8 allow the public to speak on what we discussed at
9 the meeting and have comment.

10 I think that in the beginning there should be
11 the Staff Report, obviously attendance and those
12 kind of things. And, then also every member I
13 think should be given since they're all so involved
14 in the community in so many different things, two
15 minutes to say are you aware of what happened this
16 week, you know, hot topics.

17 We may want to say, okay, let's bring that up
18 first, you know, just real quick discussion and
19 we'll put that on a future agenda or if it's an
20 emergency thing we'll bring it up. You know, maybe
21 someone has something to say.

22 So, that's what I'd like to do Ajani. If we,
23 you know, can agree on that tonight and coordinate
24 that. Those are the topics.

25 Now, it's getting late. I'd like to give the

1 public who was nice enough to come up to our first
2 meeting any opportunity to speak. Yes?

3 UNIDENTIFIED SPEAKER: Mr. Chair, can I just
4 say one?

5 CHAIR PATHMAN: Yes.

6 MR. MARTIN: With the mapping, if we can do
7 it at stages? I mean, it won't be maximum, you
8 know, glacial melt as far as -- do you understand
9 what I'm saying? As the sea level rises, it will
10 rise incrementally.

11 CHAIR PATHMAN: Sure.

12 MR. MARTIN: Some places will have -- actually
13 be risen faster in other areas.

14 CHAIR PATHMAN: I think your idea of
15 mapping was the greatest concerns of the City.
16 Where we're talking about that will have the
17 first effects.

18 MR. MARTIN: That are most
19 susceptible?

20 CHAIR PATHMAN: Yeah.

21 VICE CHAIR CALE: And, maybe that unified
22 sealable projection from the County is a good, you
23 know, a good level.

24 CHAIR PATHMAN: At some point we're going
25 to do some history about -- by the way, just a

1 quick segway. Does everybody that's on the
2 Committee believe in sea level rise? I just want
3 to make sure that's the case. Okay.

4 MR. MURLEY: But, David's point is a real
5 good one about having that cheat sheet. Very
6 good one.

7 CHAIR PATHMAN: Yeah. Well, that's
8 something that, you know, we definitely have to
9 develop.

10 But, I want to make sure we're all on the same
11 page, at least thoughts that we have that.

12 CHAIR PATHMAN: Yes?

13 MR. MURLEY: First of all, I think to some
14 degree we have to let the Chair do this with the
15 Staff because of availability of speakers. I mean,
16 I like what you described and I'm ready to let you
17 put it together. Just one suggestion.

18 I was impressed with the City's Strategic Plan
19 and the degree to which we're building towards a
20 report or -- I think if we fit it back into the
21 plan, use their subject areas, then it may be that
22 individually and collectively our work will get
23 there, you know.

24 If we come up with a document that's organized
25 differently or, you know, has the subjects then

1 they'll have to translate it back to the strategic
2 plan. I'm glad to see the City has that. That's
3 just something for you to consider.

4 CHAIR PATHMAN: Yeah. While that
5 presentation was being made, I was looking through
6 it and it's a really global plan that is far beyond
7 sea level rise.

8 MR. MURLEY: Yeah.

9 CHAIR PATHMAN: And, so, at some point, at
10 the appropriate time, I don't think it's going to
11 be the next meeting but we need to look at that,
12 like you said, and I did make some notes about that
13 that discuss, okay, how do we fit into what they're
14 proposing that relates specifically to what this
15 committee is being tasked to do.

16 MR. MURLEY: Good.

17 CHAIR PATHMAN: So, I agree with you. See,
18 we agree a lot.

19 So, I'd just like to see -- does everybody
20 agree so far in what we're going to try to do next
21 meeting? Okay.

22 MR. MURLEY: Do you want a motion?

23 CHAIR PATHMAN: No. That I don't need a
24 motion. I just have to work with Staff on. No
25 motion for that.

1 The reason I like motions is I'd rather not
2 someone come back and say we didn't agree on that
3 or I didn't get heard or I didn't vote. So, the
4 formality of Robert's Rules I think should be
5 invoked when possible but not everything needs a
6 motion.

7 I'd like to start from this side of the room
8 from hearing from some people from the public. You
9 can kind of make any comments you have or concerns
10 with -- I'll give you two minutes. I'm not going
11 to really hold you to that but if you could just
12 introduce yourself again.

13 MR. GOMEZ: Albert Gomez, South Florida
14 Resilience System. I'll speak fast. I know a lot
15 of people in this room and I've collaborated with a
16 few of them and I'm glad Emergency Management is
17 here. I've worked with Chuck Tare personally and
18 there's some things that were brought up.

19 On cities working together, I was bringing
20 forward all the cities for the Rockefeller
21 Foundations Hundred Resilience City's Challenge.
22 We're going to get a million dollars and they
23 wanted us, they wanted us to do it. I spoke to
24 Julie directly, the director of the Rockefeller
25 Foundation. We were short listed to get the job.

1 The reason we didn't get the job and the reason
2 they gave the million dollars to Jacksonville was
3 because the cities didn't want to submit together.

4 It was flat out, we saw it break down and it
5 was horrific. And, I saw it happening and it
6 wasn't really happening for anything and it
7 happened at the Grant Department Level. The Grants
8 Department got really campy about themselves and
9 they wanted to put the grant in for themselves.
10 And, they are the ones that split the division at
11 the City Manager's Department even though the City
12 Manager in Miami Beach was willing to do it.

13 It turned out to be the stick in the mud was
14 Miami-Dade County. And, I'm saying it straight.
15 That's how it happened.

16 So, that issue is a constant issue because
17 adaptation in this region is going to have to
18 happen with all the relevant cities and villages.

19 Now, codification, Miami Beach, all of that is
20 great but mapping. You brought up mapping. Okay.
21 So, I brought up to Ajani earlier today that I've
22 partnered with a group that's -- Conservancy that
23 knows quite a bit about which is Azavea which is a
24 data analytics company with Geographic Information
25 System Mapping Software Technology.

1 They're exploding. They're a very big company
2 at this point. They came up with a technology
3 called GeoTrellis and they created a software
4 called Open Tree Map where they're tracking trees.
5 That's good for carbon sequestration, for
6 valuation, for blue funds, for identifying the
7 value of natural environments.

8 They also are now opening up the dashboards in
9 the back end to layer maps on all different assets
10 for sea level rise, etcetera, and they're giving us
11 the opportunity to utilize that, our team South
12 Florida Resilience System. And, GIS Day at FIU is
13 on November 6th and I talked to Matthew Torro which
14 is directing that and it's specifically on sea
15 level rise on the 6th of November.

16 So, I've asked him to bring this committee
17 into that meeting and offer a demo with Azavea's
18 technology free of charge to enable that mapping.
19 That is a decision making tool. It's got back end
20 dashboards. It gives you carbon sequestration,
21 valuation, you can type in insurance data on it,
22 tax abatement, all the things that would be needed
23 to make financial fiscal decisions from a City
24 Manager's perspective.

25 So, that I think would be a good kind of

1 catalyzing meeting to start talking about a map so
2 that we can start to value that. Also that sea
3 level rise information that Douglas Rotter
4 (phonetic) might be able to give us. That would be
5 great, as well.

6 So, that's available and I'm offering it to
7 the Committee and ready to do it. I already worked
8 with Andres Gil from FIU Research so we're ready to
9 do this and they're on board. I just lectured at
10 the Resilience Colloquial at UM and I gave a detail
11 on adaptation, design, the whole nine. It was
12 directly related to mapping and asset assessments
13 and things of that nature.

14 So, but response is something that's critical
15 because it engages all departments and I think you
16 brought that up. The Emergency Management
17 Department becomes the facto, you know, coordinator
18 for the City when you know what hits the fan. So,
19 getting all the departments on board on this is
20 going to be hyper-critical. One, for disaster
21 response and mitigation but just how they're going
22 to react when it happens.

23 And, even though the tides don't have to do
24 the -- the king tide doesn't have to do with sea
25 level rise, per say, we are compounded because of

1 the gulf stream. So, we have a compounded sea
2 level rise down here. Our abatement and mitigation
3 of sea level rise right here has to do with how do
4 we get back to regular levels so that we can then
5 put in a more strategic plan.

6 Yeah. So, that's going to be critical for you
7 to understand that really all we're trying to do is
8 stem the rate, not necessarily stem sea level rise.
9 We stem the rate. That's something that we can
10 work in. So, FIU is done.

11 So, basically our agenda, South Florida
12 Resilience System, is to develop a coalition of the
13 willing. We, in Manhattan, are currently working
14 on a Housing and Urban Development Grant, a 500
15 million dollar grant with Federal Emergency Management
16 Agency to develop collectively intelligent distributed
17 grids. That's not going to happen down here. Florida
18 Power & Light is too entrenched. It's not going to happen.

19 The Everglades Water Management feeds into
20 that and breaks down the FPL dilemma but it's not
21 going to happen so we have to do an incremental
22 change, which I think was brought up, as well. So,
23 I think the biggest agenda for us to go right now
24 is since money, the FEMA has agreed -- the FEMA
25 managers that are working with my director have

1 already communicated that their next turn is to
2 South Florida and that they want to replicate what
3 they're doing in their program down here in South
4 Florida.

5 So, one of the low level topics that are being
6 brought up today in the meeting today was that
7 Joaquin is bearing down on them. So, Emergency
8 Management is doing that but the long term plan,
9 let's say long term ten years, is to develop
10 vegetation strips.

11 CHAIR PATHMAN: Albert, I need you to kind
12 of --

13 MR. GOMEZ: Okay. Vegetation strips around
14 the perimeter of Manhattan to be able to mitigate
15 wave attenuation which is storm surge which is our
16 biggest problem because sea level rise with a
17 compounded -- compounded sea level rise with storm
18 surge is going to be an epic failure and make
19 beautiful properties that are effected by a storm
20 surge destroyed and uninhabitable.

21 And, that reality needs to be controlled for
22 taxes. We have the bottom line. So, FEMA, those
23 grants are brought forward. Kresky's (phonetic)
24 ready to do administrative funding of it. I've
25 already talked to Willy Gort. He said he would

1 bring it forward to your office directly to support
2 it.

3 So, it's moving. I would love this Committee
4 to come on board with that and bring that network
5 to bear here. It's money, it's funds, and it's
6 ready to go, and it's just replicated off of what's
7 happening in New York right now.

8 So, I just let you know that I'm willing to
9 work with you guys any way you can but November 6th
10 I'm going to start throwing information to Ajani so
11 that he can distribute it out.

12 CHAIR PATHMAN: Albert, I've got to cut you
13 off.

14 MR. GOMEZ: That's it. No problem.

15 CHAIR PATHMAN: What I would like you to do
16 is if you would send an electronic mail to Ajani. I'd
17 like to hear a little bit in depth and get you on the
18 agenda, maybe not the next meeting, and talk about
19 that a little bit further. It seems like you have
20 a lot of knowledge that we'd like to tap into.

21 Just going around the room. Next? Anybody
22 else? I know we have the Nature Conservatory has a
23 presentation so I want to get to that real quick.

24 Mitch?

25 MR. MITCHELL: I applaud everything you guys

1 are doing. It's late. We needed this years ago.
2 So, in addition to the excellent work and the
3 outline that you've presented, please focus on
4 public health and the consequences of sea level
5 rise as it impacts our community health.

6 Please look at new energy systems that will
7 help power your pumping stations, like the US
8 Navy's system that is taking carbon and hydrogen
9 from water and turning it into designer fuels.
10 Please focus on how you can effectively use
11 adaptation action areas to enhance the value of
12 communities. It's already in the Statutes, it
13 could be made stronger if Tallahassee comes out of
14 its coma.

15 Please look at building materials that do not
16 when inundation occurs further acidify the ocean.
17 Please look at personal financial adaptation. The
18 tools that you need from Washington and from
19 Tallahassee to help people deal with mortgage
20 modifications because of sea level rise or ROTH
21 Type IRAs that deal with sea level rise to help
22 people save and to keep our community viable
23 economically. Very, very important.

24 Please look at how the bond rating companies
25 will impact Miami when they start asking the tough

1 questions about how we're prepared for sea level
2 rise. Please look at affordable housing when
3 people have to retreat and how we can keep the
4 community cohesive. Please look at how you can
5 consider public-private partnerships.

6 We've seen 595 as an effective example of a
7 P3. What kind of public partner -- private-public
8 partnerships can be employed in the fight against
9 sea level rise. Look at natural systems. I just
10 wrote an article that appeared in something called
11 Nature of Cities which deals with how insurers and
12 re-insurers can then turn around and partner with
13 municipalities to help create what I call
14 neighborhood footprints for the natural systems
15 that you're talking about.

16 Please look also at two other things and then
17 I'll stop. Vertical farming is very, very
18 important. Agriculture is an area that is
19 threatened by sea level rise and the second term of
20 the next president will start losing some very
21 important areas in Southeast Dade. That will
22 affect everybody. One way to bring the community
23 together is vertical farming, responsible,
24 creative, intelligent architectural solutions.

25 But, please consider having some of your

1 meetings in the various communities that are not
2 represented here, Liberty City, Overtown, Brickell,
3 all the different areas, even the areas that you
4 wouldn't normally think about. Go to the people
5 and reach out to the people because those are the
6 people that are going to look to you and say you
7 either did or you did not address my concerns as an
8 average citizen.

9 Thank you very much.

10 CHAIR PATHMAN: Thank you, Mitchell.
11 Anything? Do you have anything from the Heritage?

12 MS. MACINTYRE: I just wanted to be sure that
13 the history aspect is a part of the plan. I would
14 also mention that Flora (phonetic) is part of the
15 plan. You mentioned planting to protect the
16 coastline. That's a very simple and easy thing to
17 do that we can be doing now but nobody's thinking
18 about how this is going to impact the plant life,
19 other than you mentioned agriculture.

20 But, you know, your own garden is going to be
21 gone to saltwater if we don't do something. So,
22 don't forget that aspect of it. You guys have so
23 much on your plate. I'm just exhausted.

24 CHAIR PATHMAN: Anybody?

25 MS. NELSON: I feel privileged to be here with

1 you all.

2 CHAIR PATHMAN: Can you give us your name
3 again?

4 MS. NELSON: I'm sorry. Joyce Nelson.

5 CHAIR PATHMAN: Okay. Thank you, Joyce.

6 MS. NELSON: I feel so privileged to be here.
7 Go ahead.

8 MS. MACINTYRE: I forgot one thing. Another
9 source of information for you all is concerned
10 scientists. They have put together a report on the
11 impact on historic places of climate change.
12 There's a lot of case studies from here all the way
13 out to Alaska. You'll find it very interesting.

14 CHAIR PATHMAN: Okay. Thank you. Joyce?

15 MS. NELSON: I feel so privileged to be here
16 with you wonderful people and I can say many, many
17 different things but I'll stick to one thing like
18 Dolly did. We have to be concerned about the
19 people but we also have to be concerned about the
20 environment, the wildlife, what's going to happen
21 to the ecosystem.

22 CHAIR PATHMAN: Anybody else?

23 MS. CASSIE SNOW-BHAT: I'm Cassie Bhat again. I
24 know you guys have a lot on your plates. It's a long
25 agenda. Addressing Sea Level Rise is a big one. I have

1 two things to offer for your consideration or potential
2 topics for this community to work on.

3 Number one, I absolutely agree about the need
4 to do something about the infrastructures that's
5 being built, you know, at -- be it the nature --
6 there's also all the infrastructures that's already
7 here that needs to be protected or adapted in some
8 way.

9 The second thing is I think there's a great
10 opportunity here in Miami for greater public
11 awareness and engagement in the sea level rise
12 issue. I think it's actually not the case that
13 people aren't -- don't think it's a problem or
14 don't think it's happening, which is the case in
15 plenty of other cases that I've worked.

16 But, almost that here's it's a little too
17 scary and overwhelming. So, if there are ways to
18 make -- it's not so much the show them the maps
19 then they'll see problem. It's actually the maps
20 are the problem in some cases. So, identifying
21 ways to make this seem more doable to get people to
22 buy in instead of hiding from the problem.

23 CHAIR PATHMAN: Thank you. Do we have a
24 presentation that is on the agenda that you want to
25 make? Let's do that now. How long is it?

1 MR. GREG GUANNEL: I can boil it down.

2 CHAIR PATHMAN: Okay. Let's do that and
3 then we'll be able to adjourn.

4 UNIDENTIFIED SPEAKER: By the way, tomorrow is
5 the National Day of Action and FIU has a mangrove
6 restoration program setup for the Biscayne Bay
7 Campus. So, it would be a good way for you to see
8 a natural environment adaptation technique that
9 could be used very easily in South Florida for
10 storm surge mitigation. Just an FYI. So, that's
11 tomorrow and you can get there at 8:30 a.m. and
12 just sign up and see it first hand.

13 UNIDENTIFIED SPEAKER: So, after this the
14 meeting is?

15 CHAIR PATHMAN: We're adjourned. In the
16 future I'd like to keep the meetings to --

17 UNIDENTIFIED SPEAKER: Can we start a meeting
18 and kind of identify how long so then I can just if
19 I have to pick up my children?

20 CHAIR PATHMAN: Yeah. I would say that
21 most meetings I'd like to keep them two hours.

22 UNIDENTIFIED SPEAKER: Okay.

23 CHAIR PATHMAN: And, then that's why we
24 have to plan agendas so that if we have a speaker
25 we maybe push something else or maybe one month we

1 have to have more than one meeting where we just
2 have a few speakers lined up and we're not taking
3 and business.

4 We'll see. As you can see, there's a lot and
5 this is the first meeting. There's a lot to
6 address and, you know, people are going to expect
7 us to do it.

8 MR. STEWART: Everyone got a chance with the
9 sign in sheet?

10 CHAIR PATHMAN: Yes. I think everybody
11 signed it.

12 MR. GUANNEL: Well, thank you. It's late so I
13 will try to keep it brief. Thanks for the
14 opportunity to present at this first meeting. It's
15 an honor given the amount of stuff you talked about
16 tonight.

17 Very briefly about myself. I'm the Urban
18 Conservation Director for the Nature of
19 Conservancy. I'm a civil engineer, a coastal
20 engineer by training, and now I'm a working urban
21 environment. Tonight I will be talking about what
22 the Nature of Conservancy has been doing and it's
23 current sort of thinking about action within urban
24 communities to try to increase community resilience
25 but also provide some solutions.

1 So, very briefly about The Nature Conservancy.
2 What we did is we initially thinking about conserving
3 land and then conserving the ocean so we are really
4 focused on natural resources and conserving natural
5 resources initially but through time we basically
6 realized that we actually need to worry about how
7 natural resources are used for people and how to
8 conserve natural resources for people.

9 So, we moved onto fresh water now to climate
10 change. A lot of the work lately has been focused
11 on climate change because it impacts everything.
12 So, we work everywhere in the world, we work in
13 South Florida in particular. Very briefly, all the
14 work that we do eventually our hope is that it will
15 benefit all creatures but, again, you may use the
16 natural system so we start and we think about
17 humans and natural system which brings us to
18 ecosystem services.

19 So, we've been thinking a lot lately about
20 ecosystem services. Basically, how can we preserve
21 ecosystems because of their service that they
22 provide us? So, anything from tourism to
23 agriculture to fisheries to actually cities and how
24 can ecosystem benefit cities, how ecosystems within
25 cities can help improve the well being of

1 communities, and how can urban system minimize
2 impacts on ecosystems so that we can, you know,
3 have a thriving community.

4 So, you all know the challenges. Hurricanes,
5 sea level rise cause flooding but rains also cause
6 flooding, saltwater intrusion, and heat. It's
7 going to get hotter. So, those are some of the
8 impacts that we currently have and that we
9 currently suffer or will suffer in the future. So,
10 the thinking that we're having is how can we help
11 alleviate some of those impact?

12 And, we want to alleviate some of those
13 impacts really by trying to use natural systems or
14 when we do these make sure that we do not
15 negatively impact natural systems because they
16 provide us with so many services.

17 And, feel free to interrupt with any questions
18 if I'm going too fast.

19 So, I just want to recognize that good
20 solutions are being implemented currently and so
21 what we want to try is basically to find a way to
22 as we implement the solutions, we do not negatively
23 impact natural systems but that we can also think
24 as natural systems as a way to, basically, protect
25 us.

1 So, when you look at this map of Southeast
2 Florida, everything that's black is basically urban
3 environment and everything in green can be
4 considered basically vegetation and we have all
5 sort of habitats.

6 So, the point that I want to try to make here
7 is that as we're thinking about sea level rise,
8 climate change, and all the impact that the city is
9 going to suffer, the Nature of Conservancy really
10 think that it's important that we really keep in
11 mind the fact that we live in a green environment.
12 That we live in an environment where there is a lot
13 of natural systems and that we depend and we use
14 these natural systems every day, every single day.

15 So, it can be just recreation is the pleasure
16 of being in a natural setting. We can think of
17 trees as being a way to alleviate some of the
18 stressors that we have currently in terms of heat
19 reduction but in terms of just increasing well
20 being -- of community so that they are more
21 resilient and more able to face the future that
22 they have.

23 But, they can also help clean the air which is
24 not really a problem here but the trees and urban
25 forest provide a host of services that I think we

1 are trying to promote and increase their use and
2 the value of those when we think about adaptation.

3 Mangroves, there's lots that you already know
4 about mangroves in terms of the way that they
5 protect against storm surge, the way that they
6 collect sediment, and help clean water but they
7 also serve as habitat for all the fisheries that,
8 you know, we depend on. The fisheries industry is
9 a multimillion dollar industry here so anything
10 that we impact natural systems will eventually have
11 consequences on the economy that we have.

12 And, then if you think about coral reef, they
13 do provide some -- services but they also, again,
14 serve as habitat for fisheries and, you know, which
15 again goes back to tourism. So, basically, we live
16 in an environment where we really have to make
17 people move to South Florida for the environment.

18 So, as we think about adapting and facing the
19 future, you really want to think about the services
20 that they provide us and how to integrate them in
21 our adaptation plan. So, a lot of work is actually
22 currently being done and that's something that, you
23 know, this is the direction we're going. It's
24 basically promote work for adaptation, promote
25 solutions.

1 A lot of work is being done to really create
2 shorelines that promote existence of habitat,
3 create new habitat while at the same time help us
4 prepare for the future. So, this map is just
5 basically what I just said. How natural systems
6 can provide different sort of benefits at the same
7 time and, again, a fair amount of work is being
8 done currently by different counties and cities but
9 also -- cities and more and more are trying to
10 embark into this journey of really preserving the
11 environment for the betterment of themselves but of
12 their community.

13 So, one resource that we want to make -- we
14 would like to make you aware of is this portal
15 called Maps of Coastal -- which, you know, as the
16 gentleman was talking about was -- but also a host
17 of different groups that the Conservancy is really
18 the creator of this whole system.

19 And, I'm just going to talk very briefly about
20 it and maybe skip some slides. Basically, it's a
21 portal that -- it's a mapping portal that provides
22 information to different type of agencies about
23 different sort of concerns that they may have when
24 leaving coastal cities.

25 And, it's an information portal that gives

1 information about, you know, type of habitat that
2 you have but it's also an information portal that
3 really helps you think about how your community
4 will -- what your community will be on a different
5 sort of scenarios for sea level rise by taking into
6 account both the flooding that you will experience
7 but also what the habitats will be. Again, it's
8 this connection of people and habitat because we
9 are basically extremely linked to each other.

10 I'm just going to go very briefly. This is an
11 example of an app or two that we created that
12 basically helps you identify how much mangroves and
13 coral reef help reduce the impact of natural
14 hazards. So, I'm not going to go through it
15 because of time but the bottom line is that it's a
16 tool that you can run, you can choose a site, you
17 run it, you choose different sort of hurricanes,
18 sea level rise condition, whatever sort of offshore
19 -- that you have. It uses, basically, physics to
20 then compute an answer for you that tells you how
21 much, you know, certain restoration effort will
22 help you protect or mitigate against the impact.

23 So, you can have map like this one that shows,
24 you know, where reef are most effective at
25 protecting you against storms versus least

1 effective and then we can then decide, okay, where
2 do I want to -- maybe as I'm thinking about my
3 adaptation plan, think about maybe restoration
4 natural habitat. This is an example for coral reef
5 but we are doing the same thing for mangroves, we
6 are doing the same thing other types of habitats
7 that exist in the region so that as we think about
8 protection, we also think about natural systems and
9 adaptation to other systems.

10 So, what does it mean? Moving onto the City.
11 Again, we have information about different type of
12 projects that exist so it's a mapping tool portal
13 that provides a lot of information and we're moving
14 into a new territory now. We're developing a tool
15 with a scientist at Florida International University
16 and Florida Atlantic University and other universities
17 to create, basically, a living shoreline tool.

18 So, a living shoreline for those who don't
19 know is basically an alternative to hard structures
20 and it basically provides the same benefit as house
21 structures but in addition they create habitats.
22 So, it's this win-win sort of opportunity that we
23 are trying to figure out.

24 So, we have a bit of a process base model to
25 basically say, okay, based on where you are within

1 the region, what type of solution is more
2 appropriate? Sometimes there's nothing that you
3 can do. A seawall is the only thing that you can
4 do. But, in other cases there are different sort
5 of hybrid structure or just plain old soft
6 structures that can be implemented.

7 So, we will have this tool that will be
8 basically parcel based if you're 100 meters along
9 the shoreline from Monroe County all the way to
10 Palm Beach County you'll be able to go into a
11 particular location and say, okay, I want to get
12 rid of this seawall that somebody built because
13 that's the first reaction, what can I do instead?
14 So, it's a type of adaptation tool that we are
15 trying to provide.

16 Moving on into the City, currently we're
17 working with the University of Miami School of
18 Architecture thinking about, okay, how can we create
19 demonstration sites within the cities to show how
20 natural systems and the -- environment came together
21 work to help us deal with current and future threats
22 but at the same time increase the quality of the neighborhood.

23 So, this is an example of a site in Wagner
24 Creek in Overtown which is an area, as you know,
25 that has a fair amount of low income community.

1 So, as the City is cleaning up Wagner Creek, we're
2 working with the UM School of Architecture to think
3 about how we can actually take this opportunity to
4 create a public space, to create an area where
5 people within the neighborhood can come and
6 actually use a natural system or be within a
7 natural system.

8 The sort of thinking that we have is that we
9 can't just create a structure to, you know, deal
10 with this or that or have this or that type of
11 function but if we can use the structure which is
12 really a commodity because it's going to be -- if
13 we can use this structure as a way to actually
14 create a neighborhood it's even better and if we
15 can use this structure to create a neighborhood but
16 also increase and within this neighborhood add a
17 fair amount of natural system that provide a host
18 of services it's even better. Because what it will
19 do is it will actually increase community
20 wellbeing, increase community resilience so that
21 they will be able to better live with the type of
22 future and the threats and the stress that they
23 have.

24 So, it's, again, using human knowledge plus a
25 natural system benefits to create a better

1 environment. So, in addition to working in Wagner
2 Creek, we are trying to work in Hialeah at a Major
3 Transit Station with the same principal. Trying to
4 bring green infrastructure, to reduce flooding in
5 the water. We are also working and started
6 discussions with the -- system and the type of
7 discussion that we are going to have with them,
8 hoping to engage them with and start working on is
9 how to help make their green plan -- a reality.
10 Really increase the amount of parks.

11 Think about parks as way for people to go but
12 also as way for communities to meet so that when
13 there's disasters, there is no sort of I don't know
14 you, you're not from my neighborhood, which we saw
15 a lot happening in New Orleans during Hurricane
16 Katrina. So, it does to the idea of community
17 resilience, building community resilience but also
18 thinking about them as emergency. So, in case of a
19 hurricane or in case of flooding as a way that the
20 community knows that it can go to.

21 So, we're exploring different ideas and the
22 last one that we're exploring is financing
23 mechanism. The Nature of Conservancy has a lot of
24 financing mechanism, trying to basically spur
25 private investment into the public. So, we're

1 trying to figure out, okay, what can be done
2 because money and budget is such a big problem.
3 So, we're trying to develop some tools that would
4 spur investment into public space so that we
5 actually can do it even though the public doesn't
6 have the fund.

7 And, then this is my last slide, my last
8 point. Reorganizing -- December 12th followed up
9 with the Habitat Restoration Project in -- Key on
10 December 13th. And, the point of this event is
11 really to try to start communicating, reaching out
12 to low income communities, and start communicating
13 to them a lot of what I just said but also try to
14 find solutions. Try to find solutions that would
15 increase their resilience.

16 So, you know, how can we increase the amount
17 of community garden? How can we when you design
18 buildings use the opportunity to actually maybe
19 create gardens or other sort of amenities or other
20 sort of structures that would actually increase the
21 wellbeing? So, we hope to start this conversation
22 with different community groups and with low income
23 community to, again, try to find the sort of
24 intersection between natural systems, wellbeing of
25 community, and what we want the city to be in the

1 future.

2 UNIDENTIFIED SPEAKER: Is that the City seal?

3 MR. GUANNEL: Yeah.

4 UNIDENTIFIED SPEAKER: It's going to be in the
5 City of Miami?

6 MR. GUANNEL: Yes. It's going to be in the
7 City of Miami. Yes.

8 And, so this is scientist that you were
9 referring to.

10 UNIDENTIFIED SPEAKER: Yeah. I couldn't see
11 the location.

12 MR. GUANNEL: The location, so this will be
13 finalized so we will have it. We're just
14 finalizing. The location is going to be finalized
15 next week.

16 So, that's my last slide which is basically
17 saying that, you know, what the Nature of
18 Conservancy is doing is basically we're hoping to
19 work with, again, willing partners to try to come
20 up with solutions that can be implemented right now
21 but also solutions that can be implemented way in
22 the future and see what we can do to really try to
23 improve the conditions and better be prepared for
24 the future that awaits us.

25 So, that's it.

1 CHAIR PATHMAN: Thank you very much. We
2 appreciate that. We'd like to keep the
3 Conservatory involved in our mission and things
4 that we're doing. So, we'd like your
5 participation.

6 Just two quick housekeeping things before we
7 adjourn. One, if everybody who was here tonight
8 would be -- that's from the Public give us your
9 card. We'd like to, you know, have your
10 information and keep you in contact with what the
11 community is doing.

12 And, two, just for next time we meet, the
13 Board Members think of how long of a term you want
14 your Chair and Vice Chair to have whether it's one
15 year or two year because we should rotate. I
16 recommend a two year but we don't need to vote on
17 it now. We should figure out what we're going to
18 do.

19 Okay. With that, thank you everybody. Thank
20 you everybody from the public. Thank you all the
21 members. We'll see you in a month.

22 (Thereupon, the meeting was concluded.)
23
24
25

1 CERTIFICATE OF COURT REPORTER

2
3 THE STATE OF FLORIDA:

4 :ss.

5 COUNTY OF BROWARD :

6
7 I, NICK BRUENS, certify that I was authorized
8 to and did transcribe the foregoing recorded events.9 I do further certify that the foregoing is a
10 true and accurate transcript of the events as provided
11 to me on the CD taken at the time, place and the date
12 hereinabove set forth.13 I do further certify that I am not an attorney
14 or counsel for any of the parties, nor related to any of
15 the parties, nor financially interested in the action.
1617 Dated this 26th day of October, 2015
1819
20 Nick Bruens

Typist

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23
24
25 NBR/JS

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