

Transcript of Hearing - Day 1

Date: September 26, 2017

Case: Cellco Partnership d/b/a Verizon Wireless

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OFFICE OF ZONING AND ADMINISTRATIVE HEARINGS
                                                                     1 Rockville, MD
               FOR MONTGOMERY COUNTY, MARYLAND
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                                                                    3 JOSEPH DAVIS
                                                                    4 172 Tuckers Road
  CELLCO PARTNERSHIP : Case No. CU-T-17-01
                                                                    5 Pawley's Island, SC 29585
   d/b/a VERIZON WIRELESS
   -----x
                                                                    7 SUSAN LEE
                                                                    8 VP West Montgomery County Citizens' Association
                         HEARING
                                                                    9 12900 Circle Drive
10
           Before Hearing Examiner Tammy Citramannis
                                                                     10 Rockville, MD 20850
                    Rockville, Maryland
12
                  Friday, September 26, 2017
                                                                     12 WILLIAM LANDFAIR, Land Planner
13
                        9:41 a.m.
                                                                     13 VIKA Maryland
                                                                     14 20251 Century Boulevard, Suite 400
15
                                                                     15 Germantown Maryland 20874
17
                                                                     17 PAUL DUGAN
                                                                     19 ROBERT POSILKIN
19
20
                                                                     20 9115 Guilford Road
                                                                     21 Columbia, MD 21005.
22
                                                                    22
                                                                     23 BRIAN SIVERLING, Engineer
24 Pages: 1 - 347
25 Transcribed by: Molly Bugher
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20 6 Snug Hill Court
21 Potomac, MD 20854
22
23 BILL CHEN, ESQ.
24 Counsel for Opposition
25 200A Monroe Street, Suite 300
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_	Conducted on September 26, 2017			
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1	CONTENTS	1 use. They've referred it to me because we are having the		
2	PAGE	2 conditional use hearing here, to provide them with my		
3	TESTIMONY OF BILL LANDFAIR 051	3 recommendation on whether the administrative modification		
4	TESTIMONY OF PHILIP SAVARD 134	4 should be granted. The notice of hearing for today was		
5	TESTIMONY OF BRIAN SIVERLING 181	5 issued August 1, 2017. Technical Staff reviewed the		
6	TESTIMONY OF ROBERT POSILKIN 257	6 application, the amended application, which was filed June		
7	TESTIMONY OF PAUL DUGAN 271	7 29, 2017. They have reviewed that and they have		
8		8 recommended approval with seven conditions. They did that.		
10	EXHIBITS	9 That would be Exhibit 197. At this time I'm going to I		
		10 see we have people, parties of record sitting at the table.		
11		11 So I will ask the applicant to identify themselves.		
		12 CATHY BORTEN: Good morning. Cathy Borten on behalf		
	145D Showing cabinets for structure 183	13 of applicant Verizon Wireless.		
	145F Setback Exhibit 183 145G Landscape plan 184	14 GREG DIAMOND: Good morning. Greg Diamond on behalf		
		15 of the applicant, Verizon		
	145F Setback Exhibit 194 180D Resume of Brian Siverling 181	16 TAMMY CITRAMANNIS: But can you		
	•	17 GREG DIAMOND: Wireless.		
	180E Resume of Paul Dugan 271 180Fi CV of Edward Steele 315	18 TAMMY CITRAMANNIS: Okay. Great. Can you put your		
	180Fii Report of Edward Steele 315	19 give your address as well? Thank you.		
	180G Resume of Robert Posilkin 257	20 CATHY BORTEN: Sorry. I'm at 137 Kent Oaks Way,		
	192A Resume of Philip Savard 134	21 Gaithersburg, Maryland		
	179A-M Photo Sims 143	22 TAMMY CITRAMANNIS: Okay.		
	191J Setback area illustration 255	23 CATHY BORTEN: 20878.		
25	Setback area irrastración 233	24 GREG DIAMOND: And with law offices at 7500 Woodmount		
123				
		25 Avenue, Suite 902, Bethesda, Maryland 20814.		
1,	6 PROCEEDINGS	8 1 TAMMAY CITD AMANINIS: Voyley consequenting?		
2	PROCEEDINGS	1 TAMMY CITRAMANNIS: You're representing?		
3	TANNY CITRAMANNIC. Application of Calles Doutsonskin	2 GREG DIAMOND: Cellco partnership doing business as		
4	TAMMY CITRAMANNIS: Application of Cellco Partnership doing business as Verizon Wireless and East Gate Recreation	3 Verizon Wireless.		
5	Association, case number CU-T-17-01. The application is	4 TAMMY CITRAMANNIS: Okay.		
6	for conditional use for a telecommunications tower pursuant	5 MS. CAPPIELLO: Good morning. My name is Elizabeth		
7	·	6 Cappiello. I'm with Baker Donaldson and I'm here on behalf		
8	to the 2004 zoning ordinance, 59 73.1 and 59 352. They are seeking to install an 80 foot tower, telecommunications	7 of East Gate Recreation Association Inc., and our law		
9	tower, and an equipment compact compound in the leased	8 offices are at 901 K Street Northwest, Suite 900,		
	area on the property which is owned by East Gate. The	9 Washington, D.C. 20001.		
	property is located at 10200 Gainsborough Road, Potomac,	10 TAMMY CITRAMANNIS: Is Mr. Barnard not joining us?		
	Maryland, in the R200 zone and is identified as parcel C of	MS. CAPPIELLO: He is not here today, though he will		
	Block J in the East Gate of Potomac Subdivision. The	12 be here tomorrow.		
	property has an existing special exception on it. It was	13 TAMMY CITRAMANNIS: Okay.		
	granted in 1978 and modified in, I believe, 1980 and '83.	14 MS. CAPPIELLO: And I will not be.		
	That is case number S596. The special exception is to	15 TAMMY CITRAMANNIS: Oh, okay. Tag team, okay.		
	operate as a swimming/tennis club. In order for a	16 CHERYL WETTER: Cheryl Wetter, I'm here as a party of		
	conditional use to be permitted, the existing special	17 record. My address is 6 Snug Hill Court, Potomac, Maryland		
	exception must be modified. In September, the applicant	18 20854. I'm in opposition to the Cellco tower.		
	filed a request. East Gate, the property owner, filed a	TAMMY CITRAMANNIS: Nice to put a face to the name.		
	request with the Board of Appeals who actually granted the	20 CHERYL WETTER: Lots of writings, right.		
	special exception and under the old regulation is it's	21 TAMMY CITRAMANNIS: Yes.		
	still within their purview. They filed a an	22 BILL CHEN: Good morning ma'am, Hearing Examiner. My		
	administrative modification asking for an administrative	23 name is Bill Chen and I'm legal counsel for Greer Delaforia		
	modification of the existing one to allow this particular	24 (phonetic), Howard Finkel, Janine Resnick, Monica Finkel,		
1		25 (inaudible) Tedesco (phonetic), Annette Perwin (phonetic),		
1		25 (maganote) redesco (prioriette), Armette Ferwin (prioriette),		

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Dana Ettinger, GeraLynn Franchesini (phonetic) -- I

2 apologize for butchering the pronunciation -- and Jamie

3 Perry. My office is located at 200A Monroe Street, Suite

4 300, Rockville, 2850.

5 TAMMY CITRAMANNIS: Okay. Thank you.

6 MR. DAVIS: I'm Joseph Davis and my address is 172

7 Tuckers Road, Pawley's Island, South Carolina 29585. And

8 I'm here with the -- with Bill Chen in --

9 TAMMY CITRAMANNIS: Oh, okay.

10 MR. DAVIS: -- in opposition

11 TAMMY CITRAMANNIS: You're not representing anybody?

12 MR. DAVIS: Correct.

13 TAMMY CITRAMANNIS: You're one of the experts. Okay.

14 I see we have a number of people in the audience. I'm not

15 -- just let me -- let me finish and then I will -- if I --

16 if there's any questions. Individuals, I see that there is

17 a number of people. There should be a sign-up sheet over

18 here because you will be given an opportunity, if you are

19 interested in testifying, at the appropriate time I will

20 call people's names and you'll come up and give us your

21 testimony, your statements. Also, I wanted to just give a

22 brief description of what these proceedings are. I've

23 received a lot of letters of opposition. Read them all.

24 So I have a pretty good idea; some of the concerns, but you

25 have an opportunity today to repeat them on the stand. It

10

1 is quasi-judicial. And what does that mean? That just

2 means it's a little more informal than if you are at the

3 circuit court in front of another judge; however, we do

4 have formalities on how we proceed, which means we're --

5 this is going to be in orderly proceeding. It's recorded.

6 We have a court reporter in the back. So thank you for

7 reminding me that you couldn't hear me because if you could

8 hear me, he probably couldn't hear me. There might be

9 other -- I don't know if he is recording through these or

10 has separate mics. Do you have separate mics or are you

11 recording to these?

12 COURT REPORTER: (Inaudible).

13 TAMMY CITRAMANNIS: Okay. So it's important that,

14 when you come to testify, all testimony comes from -- is

15 taken at the witness stand. I'm not going to take any

16 testimony from the audience. And why is that was? One,

17 it's not orderly and two, all testimony is under oath

18 meaning you're promising to tell the whole truth, nothing

19 but the truth. You are also subject to cross-examination.

20 All their witnesses are subject to cross-examination. You

21 would be subject to cross-examination. This is the

22 opportunity for your voice to be heard and you will be

23 heard. I promise you that, but we will follow in order

24 because, you know, we have two days in which to do all of

25 this. And right now, I think we're up to 200 exhibits.

1 You also have an opportunity to cross -- to ask questions

2 on cross examinations. For instance, when the applicant

3 puts on a witness, Mr. Chen, Ms. Wetter, are going to be

4 able to ask cross-examination questions, clarifications,

5 whatever. I will also allow the individuals in the

6 audience -- you all too can ask a question. Just a

7 reminder, it is an opportunity to ask a question that has

8 not been asked. If all the questions have been asked, it's

9 not your opportunity to make your statement. I know it

10 gets a little confusing for some people, but I will just

11 make sure that you understand that. I did want to ask if,

12 since we do have Mr. Chen who is representing nine of your

13 neighbors, if you have a question that he hasn't asked,

14 which I'm pretty sure he is going to be pretty thorough; if

15 he hasn't asked a question -- you have a reputation. If he

16 hasn't asked a question, we can do one of two things to

17 keep things going. You can either pass the question along

1/ keep unings going. Tou can entier pass the question along

18 to Mr. Chen and if he is willing to ask it on your behalf,

19 that's great. Would that be a problem with you Mr. Chen?

20 BILL CHEN: No.

21 TAMMY CITRAMANNIS: Not at all. Then that way we can

22 keep things going. Again, your testimony will be of

23 another -- later in the proceeding. What's other -- we

24 have exhibits. If you have additional exhibits, they have

25 to be marked. If you're referring to an exhibit, I need --

1 it's imperative that you refer to the correct exhibit

3 happens here today. I do make the decision in the

4 conditional use. I make a recommendation in the special

number. The basis for my decision is going to be what

5 exception. So, as you can see, we have all these mics.

6 They are very sensitive. The court reporter has asked me

7 to ask you to please state your name and if there is an odd

8 spelling, just go ahead and spell it for him. And I know

9 everybody is passionate about this. I ask that we have no

10 outbursts. You will have your opportunity to have your

11 voice be heard. We will take a break sometime before

12 lunch. We will take about an hour lunch. No more than an

13 hour lunch. And we will go until 6:00 this evening

14 depending on where we are in the proceedings. We can

15 certainly reevaluate that towards the afternoon. The order

16 of the proceedings, we're going to deal with preliminary

17 matters, opening statement if any of the parties of record

18 want to make them. Applicant will put on their case in

19 chief. The opposition, Ms. Wetter, and Mr. Chen will put

20 on their case; individuals; that's after Mr. Chen and Ms.

21 Wetter are done, that's when we will bring the audience in.

22 Applicant has a rebuttal. We'll do closing argument. So

23 court reporter, you can stay until 6:00, right? Okay.

24 What is a conditional use? We are here today on

25 application for conditional use which is statutorily --

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1 which is a statutorily permitted use if certain general and

- 2 specific conditions are met. Those conditions are spelled
- 3 out in the zoning ordinance and in the report of the
- 4 amended Technical Staff Report. A conditional use used to
- 5 be called a special exception, but the term special
- 6 exception is really a misnomer, so it was changed to
- 7 conditional use in the 2014 zoning. It is not an exception
- 8 or variance from the zoning ordinance, nor a change in
- 9 zoning, but rather a conditionally permitted by the
- 10 ordinance if certain conditions are met. The applicants
- 11 have the burden of proving that they've met all those
- 12 conditions. My role is not to determine whether
- 13 telecommunication towers in general should be prohibited in 13 And I do apologize.
- 14 residential zoning. The zoning ordinance already allows
- 15 this use in the R200 zone as a conditional use. My role is
- 16 to determine whether the specific use proposed, i.e. the
- 17 construction and operation of the telecommunication tower
- 18 at this location within this neighborhood, will meet the
- 19 standards set forth in the zoning ordinance. Standards 20 both specific to this type of conditional use and standards
- 21 for conditional uses in general. The courts have said that
- 22 this is not a plebiscite. Meaning this is not a popularity
- 23 contest in the sense that those have the more on the side
- 24 for or against win. That's -- I am going to stick to the
- 25 criteria. That's all that I can consider. I'm glad that
- 1 everybody's here, but just so you understand. The issues
- 2 that are not before me, and I'm sure they will come up in -
- 3 but -- and I have put these in my orders, in previous
- 4 orders where the issues have been raised. The issue
- 5 regarding environmental health issues related to the RF
- 6 emissions, I know there's a great deal of concern about
- 7 that. The FCC has sole jurisdiction over this issue and I
- 8 cannot base my decision on that. Issues relating to the
- 9 East Gate Board of Directors' actions, elections, decision-
- 10 making process, I've addressed this as well. This is a
- 11 matter for the circuit court, and in fact, I believe it was
- 12 -- a declaratory judgment was filed. That -- how they
- 13 acted is -- is not my -- part of my decision-making
- 14 process. While if you do, once I do make my decision, as I
- 15 said, everything is on the record so that you will have a
- 16 right to appeal it. Parties of record will have a right to
- 17 appeal it to the Board of Appeals for oral argument, but no
- 18 new evidence will be taken. It's on the record. With
- 19 that, I will go into preliminary matters. Do we have any 20 preliminary matters?
- 21 BILL CHEN: Just --
- 22 CATHY BORTEN: We do.
- BILL CHEN: -- this is not really a preliminary
- 24 matter, but Madam Examiner, what you should know is you
- 25 have another party of record present today and that is

- Susan Lee from the West Montgomery County Citizens'
- Association.
- TAMMY CITRAMANNIS: Where is she?
- BILL CHEN: She is here. She prefers, I understand,
- to sit back there.
- TAMMY CITRAMANNIS: Oh, I'm sorry.
- SUSAN LEE: (inaudible)
- TAMMY CITRAMANNIS: Okay. Wait a minute. Wait a
- minute. See that -- this is -- we have to make sure the --
- 10 the court reporter can hear you. So we either have to --
- 11 how about we move your -- the expert back a seat and have
- 12 Ms. Lee come take his place since she is a party of record.
- SUSAN LEE: No, I did (inaudible) That's why I'm
- 15 (inaudible)
- TAMMY CITRAMANNIS: Okay. Thank you Mr. Chen. 16
- 17 BILL CHEN: I just (inaudible). Excuse me. A
- 18 gentleman just informed me that he is with a civic
- 19 association apparently not involved with the East Gate.
- 20 And apparently, he wants, at some point, to testify.
- 21 TAMMY CITRAMANNIS: (Inaudible)
- 2.2. BILL CHEN: I just was --
- 23 TAMMY CITRAMANNIS: Well --
- 24 BILL CHEN: -- (Inaudible).
- 25 TAMMY CITRAMANNIS: -- He can testify at the
- 1 appropriate time. Okay.
- CATHY BORTEN: We do have some preliminary matters if
- you would --

14

- 4 TAMMY CITRAMANNIS: Okay.
- 5 CATHY BORTEN: -- be willing to go to those.
- 6 TAMMY CITRAMANNIS: Okay. So identify just --
- CATHY BORTEN: Sorry --
- 8 TAMMY CITRAMANNIS: Just so that he gets --
- 9 CATHY BORTEN: Sure. Cathy Borten on behalf of Cellco
- 10 --
- 11 TAMMY CITRAMANNIS: Okay.
- CATHY BORTEN: -- DBA Verizon Wireless, representing -
- 13 I'm sorry, I already said that. So the first matter
- 14 would be, we have an outstanding motion to add Mr. Phillip
- 15 Savard, the photographer, which we filed a couple of weeks
- 16 ago and I know this last week, there were some responses
- 17 back and forth. We just wanted to get a ruling on that.
- 18 See if you wanted any further discussion
- TAMMY CITRAMANNIS: Yes, I do you want further
- 20 discussion. And with regards to Mr. Chen, or -- you all
- 21 can tell me -- based on what I was reading in your motion,
- 22 you don't have a problem if Mr. Chen has his own expert, 23 but you don't want him to be able to produce any evidence.
- CATHY BORTEN: What -- Madame Hearing Examiner, that
- 25 would be ideal. However, if -- if Mr. Chen is being

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1 allowed to have an expert, bring in his or her own photo

- 2 simulations, is something that you feel is necessary in
- 3 order to allow Mr. Savard to testify, then we don't have a
- 4 problem with that. I would just note for the record, that
- 5 is you are aware, this proceeding isn't tied to the
- 6 stricter rules of evidence. It really is a question of
- 7 fairness, but again, if Mr. Chen's expert being allowed to
- 8 bring in photo sims is something you feel you need for him
- 9 to be able to do in order to allow Mr. Savard to testify,
- 10 we don't have a problem with that.
- 11 TAMMY CITRAMANNIS: Okay. Mr. Chen.
- 12 BILL CHEN: Thank you. Amazing how the word fairness
- 13 can be twisted. What -- my position and my clients'
- 14 position is very, very simple. The applicants filed photo
- 15 simulations months ago. In fact, I believe some were filed
- 16 with the original application. It's going on a year. They
- 17 with the original approaches. It's going on a year. The
- 17 need those photo simulations for their case. They are
- 18 normal types of evidence. They have never identified an
- 19 expert witness for those photo simulations until literally,
- 20 two weeks before the hearing. Now, they can't get those --
- 21 well, Madam Examiner, you're the presiding -- the presiding
- 22 officer and obviously, this proceeding as you've explained, 23 is going to go the way you want it to go. However, my
- 24 clients' position is that those photo simulations cannot be
- 25 introduced in evidence unless there is a witness to
- 1 establish a foundation for the evidence to be subject to
- 2 cross-examination. So when Ms. Borten talks about
- 3 fairness, respectfully, she is not really using the word in
- 4 what I would consider to be the normal context because
- 5 until she identified an expert witness two weeks ago, in my
- 6 preparation for this hearing, I did take into consideration
- 7 the fact that, yes, they are photo simulations, but, hello,
- 8 where's the witness. So that brings us to the position
- 9 that my clients (inaudible). My clients do not have an
- 10 expert on this issue, okay. I've tried. I will tell you
- 11 that I contacted one individual who looked at the
- 12 application and felt they could not, given frankly, the
- 13 dearth of information, provide a photo simulation. So as I
- 14 sit here today, I don't have a photo simulation expert. I
- 14 Sit here today, I don't have a photo simulation exper
- 15 think it's highly irregular to identify an expert for 16 evidence that was known. I mean, quite candidly, Ms. --
- 17 Ms. Borten and Mr. Diamond, they do many of these cases.
- 18 To not know you need to have the person prepared for photo
- 19 simulations at the time you file the application, I find --
- 20 I said -- in one of my papers I said perplexing. But the
- 21 bottom line on this is that I think that the applicants are
- 21 Society fine on this is that I think that the approprietates are
- 22 coming before you today with an expert literally, on the --
- 23 pretty close to the evening before the hearing with an
- 24 expert that they had to know about that they needed this
- 25 expert. And my clients, as I sit before you today, I must

- 1 tell you, in two weeks, we don't have an expert and I don't
- 2 anticipate that we will have an expert.
- 3 TAMMY CITRAMANNIS: So you will -- you're not -- you
- 4 don't want to put up -- put on an expert or you don't --
- 5 you need --
- 6 BILL CHEN: I don't have an expert.
- TAMMY CITRAMANNIS: You don't have an expert.
- 8 BILL CHEN: Right.
- TAMMY CITRAMANNIS: But that's because you didn't have
- 10 the -- and you can't get anybody or you're still looking?
- BILL CHEN: Oh, we've been scrambling for the last two
- 12 weeks to find an expert they can do what has to be done to
- 13 present evidence before you. I mean, what you're talking
- 14 about is bringing somebody -- finding somebody who will do
- 15 it, number one. Number two, they would then have to come
- 16 out, take -- as I understand the technology of this -- take
- 17 photographs and go to the plans of what is being proposed.
- 18 And assuming they have the equipment, they then, as I
- 19 understand it, and I apologize because I'm -- I'm a lawyer.
- 20 I'm not a technician -- you can insert these proposed
- 21 structures into a photograph to scale. In fact, as I
- 22 understand the statement from Verizon, this gentleman that
- 23 they have, this is what he does. It's great. I've got to
- 24 find somebody and I don't have someone that I can present
- 25 on that issue.

18

- 1 TAMMY CITRAMANNIS: Okay.
 - BILL CHEN: And I guess to be square up responsible, I
 - 3 thought I had, but my clients are prejudiced by not having
 - 4 the ability 15, 14 days before the hearing, to, with a
 - 5 counterpart.
 - 6 TAMMY CITRAMANNIS: And I agree with you actually. I
 - 7 agree with him on that point. You all have -- are
 - 8 presenting, want to present an expert. You said you want
 - 9 to present him as an expert, not just as a fact witness;
 - 10 two different things. Had you produced that with your
 - 11 prehearing statement -- I mean, there is a reason for that.
 - 12 Just give me a moment. So we have one of two choices. He
 - 13 is able -- he is given some more time to find an expert and
 - 14 we set the hearing then for that particular thing. What's
 - 15 that -- but with that is -- or the other option is, you
 - 16 don't get to bring in your expert because you offered him
 - 17 too late. I don't think that that is what would be in the
 - 18 best interest or you -- you offer him strictly as a fact
 - 19 witness and he cannot give any opinion. But I believe that
 - 20 they are entitled to offer opposing expert testimony when
 - 21 an issue that goes to the conditions. Okay. Ms. Lee, I'll
 - 22 get you to check in a minute. I'm sorry.
 - 23 CATHY BORTEN: Thank you, Madam Hearing Examiner. We
 - 24 have no objection to setting in a separate hearing. We
 - 25 don't want to delay this hearing, obviously, but --

TAMMY CITRAMANNIS: We're not delaying this --

- CATHY BORTEN: -- you know --
- 2 TAMMY CITRAMANNIS: -- (Inaudible) tomorrow.
- BILL CHEN: Right.
- CATHY BORTEN: Thank you -- setting a separate date to
- have his expert come in and testify.
- TAMMY CITRAMANNIS: Okay.
- CATHY BORTEN: So my question would be then, would you
- want us to not bring -- have our expert testified today at
- 10 all on that matter or we go ahead and we have another
- 11 hearing date for Mr. Chen to bring in his expert?
- TAMMY CITRAMANNIS: Personally, I believe we should --
- 13 you should put your case on to the end and we will set it
- 14 in for his expert to testify and to cross-examine and we
- 15 will limit it to that. The issue though, you need to waive
- 16 the shot clock in order to do that.
- 17 CATHY BORTEN: That's fine.
- 18 TAMMY CITRAMANNIS: So I have -- the shot clock is
- 19 waived.
- 20 CATHY BORTEN: Yes.
- 21 TAMMY CITRAMANNIS: We don't worry about the shot
- 22 clock anymore.
- CATHY BORTEN: Understood.
- 24 TAMMY CITRAMANNIS: That's -- okay. You're not in.
- 25 You need to say yes.
 - CATHY BORTEN: I said it for us.
- TAMMY CITRAMANNIS: Perfect. 2
- BILL CHEN: Madam Examiner, please, thank you very
- much. What I will do is at a break or at the end of
- today's proceedings; I'll confer with my clients and, you
- know, get back to you, but thank you very much.
- TAMMY CITRAMANNIS: And -- and with that too, I will
- also check with the office to get hearing dates so that --
- BILL CHEN: Thank you, very much.
- TAMMY CITRAMANNIS: And it will be limited to that.
- 11 And I think that in fairness, that is really the way that
- 12 we need to go. All right. And I --
- CATHY BORTEN: Madam Hearing Examiner, we do have one
- 14 other preliminary matter and that's just that Mr. Chen had
- 15 identified an expert in his original prehearing statement
- 16 back, I think in December; Mr. Noonan, James T. Noonan.
- 17 And it's our understanding that he will not be testifying.
- 18 So we just wanted to move to strike from the record any
- 19 documents submitted by or on behalf of Mr. Noonan and
- 20 exclude any references to anything he may have testified to
- 21 at the hearing.
- 22 BILL CHEN: I don't have a -- I don't have a problem
- 23 with that.
- TAMMY CITRAMANNIS: That's a very good point. Yes, we
- 25 will -- he did officially withdraw himself, so should all

- 1 of his documents.
- BILL CHEN: Just for the record, Mr. Noonan is a very
- 3 fine -- was a very fine gentleman. There was divine
- intervention and Mr. Noonan is no longer with us.
- 5 TAMMY CITRAMANNIS: Oh, I'm sorry.
- 6 BILL CHEN: And that is what -- the back story on
- that.
- 8 TAMMY CITRAMANNIS: I thought he was on vacation.
- BILL CHEN: No, he's not.
- 10 TAMMY CITRAMANNIS: I'm real sorry to hear that.
- BILL CHEN: But I -- I agree with Ms. Borten that 11
- 12 certainly any -- we do not -- I will tell you, we do not --
- 13 my clients do not intend to rely upon any information from
- 14 Mr. Noonan. I know he did file a prehearing or the
- 15 requisite summary of his opinions. That was another year
- 16 ago I guess, or something like that. But certainly, I know
- 17 that's in the record. We're not going to rely upon that.
- 18 TAMMY CITRAMANNIS: Okay. So we'll strike --
- 19 CATHY BORTEN: That would be 76Q and R, I believe.
- 20 TAMMY CITRAMANNIS: Okay. (Inaudible).
- 21 CATHY BORTEN: And then I believe Ms. Cappiello just
- 22 has a preliminary matter as well.
- 23 TAMMY CITRAMANNIS: Okay.
- 24 MS. CAPPIELLO: Hi. Good morning.
- 25 TAMMY CITRAMANNIS: Good morning.
- 1
 - MS. CAPPIELLO: Elizabeth Cappiello again on behalf of
 - East Gate Recreation. I just wanted to address briefly, I
 - know you said in your opening remarks that issues related
 - to East Gate's corporate structure and its compliance with
 - the bylaws are not at issue today in front of yourself.
 - But we did file a motion in limine yesterday and I
 - apologize for the late nature, but seeking a ruling to --
 - to specifically exclude any evidence on those issues
 - 9 because those issues are before the Circuit Court currently
 - 10 and we don't think they are appropriate here. So --
 - 11 TAMMY CITRAMANNIS: So that case is still active? 12 Okay.
 - 13 MS. CAPPIELLO: Yes, it's currently stayed, but yes.
 - 14 TAMMY CITRAMANNIS: Okay.
 - 15 BILL CHEN: But that --
 - TAMMY CITRAMANNIS: All right. Well I need to give
 - 17 Mr. Chen an opportunity to respond since I -- what I -- I
 - 18 got them sometime yesterday afternoon.
 - BILL CHEN: Thank you. I basically agree with Ms.
 - 20 Cappiello. And I don't think we had raised that particular
 - 21 issue in this proceeding. So on behalf of my clients, I
 - 22 heard your introductory also and bluntly, I have no
 - 23 problems with that position on behalf of my clients.
 - 24 TAMMY CITRAMANNIS: Miss Wetter, you want --
 - 25 CHERYL WETTER: I'm okay with that. It's in the

22

27 1 applicants, but my attitude on this is pretty much ad hoc. records. 2 We'll take it as we go along, right. TAMMY CITRAMANNIS: Ms. --3 TAMMY CITRAMANNIS: Okay. Same with applicant? SUSAN LEE: No -- no issues. Thank you. TAMMY CITRAMANNIS: I don't think your mic is making 4 CATHY BORTEN: Yes, ma'am. any noise. Oh, there it is. TAMMY CITRAMANNIS: All right. I did want to ask; on SUSAN LEE: There it is. the issue of the generator being a non -- being an inherent 6 TAMMY CITRAMANNIS: Okay. You could just -- I to use, I am -- want to take judicial notice of the fact apologize. We forgot Ms. Lee. If you could identify that I could find no OZHA decisions since 2011 where a yourself. generator was a backup source. I'm throwing this out there 10 SUSAN LEE: I actually got (inaudible). 10 because to me, that -- I don't know that I don't know the TAMMY CITRAMANNIS: And --11 basis for Staff saying that it is an inherent adverse 11 12 SUSAN LEE: Up close, closer, faster. 12 effect. So you have that and if you can find a case where 13 TAMMY CITRAMANNIS: Yes. 13 we have dealt with a backup generator for a 14 SUSAN LEE: My name is Susan Lee. I'm currently the 14 telecommunications tower, please bring it to my attention. 15 vice president of the West Montgomery County Citizens' 15 Otherwise, I'm going to take judicial notice that we have 16 Association and I'll be presenting a statement on their 16 not done that. We've only had battery backup. So I am 17 behalf and I have no objection to the -- the issue at hand 17 definitely going to expect the parties to really address 18 with regard to --18 that issue because I don't have anything to support that it 19 TAMMY CITRAMANNIS: Okay. 19 is inherent. Any questions on that? Okay. So let me see 20 SUSAN LEE: -- the limitation. 20 if -- real quick, make sure we've -- have we addressed all 21 TAMMY CITRAMANNIS: Do you have -- did you -- did you 21 the preliminary issues for everybody at the table? 2.2 state your address? 2.2. BILL CHEN: (Inaudible). SUSAN LEE: Oh, excuse me. 12900 Circle Drive, 23 CATHY BORTEN: No. I'm sorry. Just a quick question. 24 Rockville, Maryland 20850. 24 TAMMY CITRAMANNIS: Okay. TAMMY CITRAMANNIS: Thank you, Ms. Lee, and again I'm 25 CATHY BORTEN: We do have an affidavit of posting. I 1 -- I apologize. Having no objection, the motion in limine don't know if you like to handle that preliminarily --TAMMY CITRAMANNIS: Yes, I will. Believe it or not, 2 will be granted and actually, technically, it's moot 2 3 because I had already ruled on it, but this is just that is on my list. I just overlooked it. It's at the 4 reaffirming while everybody is in the room, that issues top. Yes, so you do have an affidavit --5 regarding East Gate's corporate structure, their decisions, 5 CATHY BORTEN: Yes, ma'am. 6 whether they properly elected the board, whether the board TAMMY CITRAMANNIS: -- of posting. Can I please have 7 acted properly or not, issues before me while I know they that? Did -- did Ms. Johnson stamp it? If not --8 are personal to the residents who live there, this is not CATHY BORTEN: She did not. 9 the forum. There is another forum and it sounds like it's 9 TAMMY CITRAMANNIS: -- I'll stamp it. Okay. 10 -- it's already in Circuit Court. So we have that 10 (inaudible) 11 clarified. Another thing is, do we have stipulation on the 11 CATHY BORTEN: (Inaudible) yesterday. 12 experts from the parties as to whether --TAMMY CITRAMANNIS: And everybody, I am -- I am 13 BILL CHEN: Have you moved --13 operating alone so we have to be very patient. If I ask 14 TAMMY CITRAMANNIS: -- there is going to be --14 you to stop because I've got to make sure -- yeah. Yeah. 15 BILL CHEN: Have you moved -- pardon me. Have you 15 Mark it in. 16 moved beyond preliminary matters? BILL CHEN: Exhibit number? 16 17 TAMMY CITRAMANNIS: No, this is --17 TAMMY CITRAMANNIS: That's what I'm going to -- pull BILL CHEN: (Inaudible). You want to just keep it --18 out my exhibit list. The last exhibit that I have on -- on 18 TAMMY CITRAMANNIS: This is a preliminary matter. 19 the exhibit list that was presented to me yesterday, is 19 20 BILL CHEN: Fine. 20 Exhibit 200. So this would be Exhibit 201. TAMMY CITRAMANNIS: If you don't have any (inaudible), 21 SUSAN LEE: If I might point out, I just picked up the 22 that's fine. We can go on. I just thought I would throw 22 exhibit list today, this morning. 23 it out there. 23 TAMMY CITRAMANNIS: Correct. SUSAN LEE: And it has a -- 201 as the --BILL CHEN: I would -- just on behalf of my clients, 24

25

BILL CHEN: Yeah.

25 we've not had any conversations with counsel for the

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SUSAN LEE: -- motion in limine. So it may be that --

- 2 TAMMY CITRAMANNIS: Oh, thank you.
- SUSAN LEE: -- it should be --
- TAMMY CITRAMANNIS: We will make this 202. So you
- will have a more update exhibit list than I do. So the
- motion -- okay; 202. Thank you, Ms. Lee. Okay. So at
- this point, having no other preliminary matters --
- BILL CHEN: Madam Examiner?
- TAMMY CITRAMANNIS: Yes.
- 10 BILL CHEN: I do. I have some preliminary matters.
- TAMMY CITRAMANNIS: Oh, okay. I thought you said you 11
- 13 BILL CHEN: No. I want to -- in part, what I'm about
- 14 to address harkens to your earlier ruling on the motion in
- 15 limine. Madam Examiner, you rendered an order. I don't
- 16 know the exhibit number, but it's your order of -- and it
- 17 dealt with one of the motions Ms. Wetter filed. It's your
- 18 order of November 25, 2016, and it was -- it did a couple
- 19 of things. You grant -- you granted the applicant's motion
- 20 to amend the application, but also dealt with an issue
- 21 raised by Ms. Wetter. And it was a -- at Page 5 you made a
- 22 statement that precipitates the preliminary matter that I'm
- 23 about to get into, if I may. On Page 5 you talk about
- 24 there were some letters that come in about the authority to
- 25 enter into the lease and you -- this is the earlier ruling.
- 30
- TAMMY CITRAMANNIS: What's the number again?
- BILL CHEN: It is your -- I apologize. I don't have
- the exhibit number, but it's your order of November 25,
- 2017. It's 63? Thank you. I can --
- 5 TAMMY CITRAMANNIS: What's the title of the order?
- BILL CHEN: It's a long title. It's -- it is, Order
- 7 Granting Applicant's Motion to Amend Application for
- 8 Conditional Use and Order Denying Residents Request to
- 9 Delay the Hearing. And in addressing the issue that you
- 10 have already ruled upon, you say, none of the letters in
- 11 opposition included evidence to show that Michael Farber
- 12 did not have the authority to act on East Gate's behalf,
- 13 including the authority to file the pending application for
- 14 a conditional use. You then go on to say that you will
- 15 address, at the hearing -- the motion is denied, but then
- 16 you say, if evidence to the contrary is produced, it may be
- 17 considered at the hearing. Candidly, that precipitated the
- 18 content of my letter of December 20, which was a prehearing 18 the second one Mr. --
- 19 statement in which, frankly, I put everything in that
- 20 letter that's before the court in the lawsuit, which has
- 21 been voluntarily stayed. And I appreciate what you -- and
- 22 I think you heard me -- your ruling earlier today. Just
- 23 for the record, the -- that position or your statement in
- 24 your order, as I say, precipitated my letter of the 20th
- 25 with all of the information that's contained in it. And

- 1 certainly, as you heard me earlier today, not merely do I
- abide by your ruling obviously, but I agree with that
- ruling. And what I'm putting on the record is the
- identification of issues that are in the circuit court
- proceeding. In that December 20 letter, it is not an
- assertion that you do have jurisdiction over any of them.
- It's a matter that's precipitated candidly by your sentence
- 8 because I've not been in front of you beforehand and I'm
- not sure, because of that sentence, what you would want to
- 10 consider. Now, today we've had much more clarification on
- 11 it and I appreciate that, but just for the record, we have
- 12 disclosed those things and enumerated them solely because
- 13 of what you said in that order. And it's not an
- 14 implication that we think that the jurisdiction is
- 15 exclusively or properly before you on many of the matters
- 16 that are in the lawsuit. I think we all agree they are
- 17 not, but for clarification purposes, I've made this
- 18 statement just to make sure that that is the reason why
- 19 that information has been supplied to the hearing examiner.
- 20 TAMMY CITRAMANNIS: Okay.
- 21 BILL CHEN: That's number one. Number two, we object
- 22 to any and all information pertaining to the support
- 23 structure and related equipment and the enclosure because
- 24 the applicants have refused to supply the information
- 25 identified in my letters of July 26, August 7, and August
- 9. I, in my letters -- and you're nodding your head and I
 - believe you that you've read them -- we had taken the
 - position, my clients, that in order to adequately
 - understand the construction, we needed that information and
 - Ms. Borten has been very straightforward saying, we are not
 - giving it to you. We don't have to. We are not giving it
 - to you. Okay. That being the case, we object therefore,
 - for the presentation of any such information in this
 - proceeding. Thirdly, if I may --
 - 10 CATHY BORTEN: Well, can I --
 - 11 TAMMY CITRAMANNIS: Yeah, why don't we take it so that
 - 12 it's orderly.
 - BILL CHEN: Fine. Fine. 13
 - 14 TAMMY CITRAMANNIS: And that way she can respond.
 - 15 BILL CHEN: Yep.
 - TAMMY CITRAMANNIS: So which one are you responding
 - 17 to? The first one or the second one? Are you finished on

 - 19 BILL CHEN: Yes.
 - 20 TAMMY CITRAMANNIS: Ms. Borten.
 - 21 CATHY BORTEN: So -- sorry. As I think that we did
 - 22 explain in some of our responses, the issues related to
 - 23 structure and construction and loads and equipment, those
 - 24 are matters that come into the process at the building
 - 25 permit process. Those are not zoning questions. We will

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1 have our engineer. He will be testifying to how a

2 structure such as this one is designed; how it is designed

3 to meet the construction and building codes of the county.

4 But a cell tower is not built before the hearing. It's not

5 physically designed before the hearing because there is no

6 way of knowing what conditions are going to be placed there

7 if you in fact have the approval. That all happens at the

8 building permit stage and it's the department building --

9 sorry -- Department of Permitting Services that is charged

10 with looking at the structural soundness, the loads, the

11 wind, the -- all of those questions. And while we will

12 have testimony regarding how a monopole such as this is

13 designed, it -- the bottom line is it will have to comply

14 with all of the County construction codes, building codes,

15 in order to get a building permit. So that's when those

16 issues get addressed.

BILL CHEN: Well, part of the problem with that

18 position is there is a setback issue in this case. They've

19 even asked for a waiver. The reason why you have setbacks

20 -- specific setbacks unique to this conditional use is the

21 very purpose that these things collapse and that happens.

22 That's why you have them. And that's why in the case of

23 this type of conditional use, that type of information is

24 important because it goes to the setback issue and why you

25 have setbacks. And in this particular case it's even worse

1 because they are asking for a waiver of a setback. So

2 quite candidly, that's where we are in this. The reason

why I initially asked for that information goes to that

TAMMY CITRAMANNIS: So let me just understand. I

mean, on your position -- oh, I'm sorry Mr. Diamond.

GREG DIAMOND: Just only -- Mr. Chen has asserted that

the reason there are setbacks is because of collapse. Mr.

9 Chen is not an engineer. In fact, there are zero lot line

10 setbacks in industrial zones. Mr. Chen is making this up

11 and doesn't have an engineer, I don't believe, in support

12 of that idea that setbacks are because of collapse issues.

13 TAMMY CITRAMANNIS: Okay.

14 GREG DIAMOND: I just thought I'd --

15 BILL CHEN: We're not in an industrial zone, number

16 one. Number two, we already have supplied for the record,

17 and I do have a witness that will address the issue of

18 collapses and setbacks. So --

TAMMY CITRAMANNIS: Okay. I did read the information.

20 I do agree that the -- the nuts and bolts of it is the

21 Department of Permitting, that stage. However, in this

22 stage, the one thing that -- I don't know somebody's going

23 to testify to this. I do believe that the -- there needs

24 to be a fall zone. I haven't seen any information with

25 regards to a fall zone and I do believe that the setbacks,

1 it would be a factor in determining what the fall zone is

especially when you have other structures. So just so --

let me -- let me clarify with what you are saying. You're

saying you want any information talking about the

structure, not to be referred to.

BILL CHEN: Yeah, I --

TAMMY CITRAMANNIS: I'm not sure how --

BILL CHEN: Here's where the problem is, and it kind

of relates to the other expert. What I now understand is

10 we will hear probably a modicum of information from the

11 applicant about the structure during the course of the

12 hearing. Why couldn't that have been supplied in response

13 to my letters because for one thing, I have a witness to

14 this type of issue.

15 TAMMY CITRAMANNIS: Well, that's good.

BILL CHEN: And the witness needed that information,

17 wanted that information. And so I hope dearly that my

18 witness is nimble enough so that's they can hear this --

19 certainly, you're going to hear this information. I know

20 that. And hopefully my witness is nimble enough to hear

21 that information and deal with the on-the-fly. And you

22 know, that's where I am on this.

23 TAMMY CITRAMANNIS: Well, certainly if there is

24 additional information, that needs to be obtained, we'll

25 address it at that issue. But what I saw that you are

asking for seems to be information that was related to the

next stage. However, generally, I think it is the

applicant's needs, as it goes to safety of what you're

proposing because you have -- it's not on a barren piece of

land. It's on a land that is used. It's in a parking lot.

It's near -- I don't know the distance between -- if it

7 falls none of that information was provided. And I do need

to see that information, hear that information, and

certainly, the opposition will have the opportunity to

10 challenge it. So I'm not sure I agree with you that you

11 are entitled to know the actual composition and all of

12 that. They're going to talk about the design. I realize

13 its custom, they said that it's going to be custom-made,

14 but there should be enough information to -- that they put

15 them somewhere else that it's either fiberglass or it could

16 be steel. And does it hold the antennas? Those are safety

17 issues that are relevant in this case.

BILL CHEN: It seems to me that probably the most

19 expeditious way, and to keep his hearing on track is -- as

20 I said, I have a witness. And I sincerely hope that my

21 witness is nimble enough, and I think that is the right

22 word, to hear what's going to come out and deal with it at

23 the time.

24 TAMMY CITRAMANNIS: Okay.

25 BILL CHEN: Frankly, Madam Examiner, if I am informed

39 1 by my witness that they've not been able to deal with this 1 to have been filed no less than five days before the 2 based upon hearing it for the first time at a hearing, I'll hearing and must be no more than 90 days old. Now, in this 3 raise that issue again, but right now, it seems to me to particular case, you have a report from that organization 4 keep us going and get going today, that the way to handle that was filed months and months ago. The problem --5 this is at that point I'll deal with it with my expert. TAMMY CITRAMANNIS: (Inaudible) 29, 2016. BILL CHEN: Thank you, very much. Does that make sense to you? 6 TAMMY CITRAMANNIS: Yes, we will deal with that. Ms. TAMMY CITRAMANNIS: Okay. These dates are --8 Wetter. 8 BILL CHEN: That's not necessarily good. CHERYL WETTER: Could that information about the TAMMY CITRAMANNIS: I know. 10 building on that site, wherever they are going to claim the 10 BILL CHEN: On June 29, 2017, this application was 11 site is going to be, also include whether there are -- they 11 amended. It was amended with a new tower proposed. It 12 can go deep enough with the footings for this fall -- to 12 would be now a camouflaged tower. It has not been reviewed 13 prevent it from falling considering what is known about the 13 by that committee and I know there is a memo somewhere 14 property? Because the property was dug down 22 feet. So 14 involving the Staff of the Park and Planning Commission or 15 we are down into the streambeds there and we were told of 15 something that they sent back, that they don't think they 16 the time, that we had to sit --16 need to deal with this. Respectfully, I'm not aware of TAMMY CITRAMANNIS: Right. 17 anything in the zoning ordinance that allows a waiver by 18 CHERYL WETTER: Sit back. 18 even, by even the Transmission Facility Coordinating Group, 19 TAMMY CITRAMANNIS: Yeah. 19 of its obligation to review an amended application. And 20 CHERYL WETTER: Can it include --20 that is what you have in that amended application does have 21 TAMMY CITRAMANNIS: That is a cross examination 21 engineering implications because it's higher now. And I 22 guestion that you could probe. 22 saw the memo and I'm not trying to be coy about it. I know CHERYL WETTER: Okay. You don't need that as part of 23 their position so I think I know how you are going to rule, 24 the building? 24 but I, for the record, my clients maintain that under the TAMMY CITRAMANNIS: That is a question that you can 25 zoning ordinance that type of report must be supplied 40 ask what you've heard what their experts -notwithstanding the fact that in the opinion of an CHERYL WETTER: Okay. individual, that this type of amendment does not require --2 TAMMY CITRAMANNIS: -- have said. If it wasn't clear there is nothing in the zoning ordinance that authorizes enough, then you can ask the question and then if they have 4 it. That's (inaudible). an objection, they will object. If they don't, you know, 5 TAMMY CITRAMANNIS: Okay. Ms. Borten. you will get your clarification. CATHY BORTEN: There is nothing in the zoning CHERYL WETTER: Okay. Thank you. ordinance that requires that the Tower Committee TAMMY CITRAMANNIS: Okay. And I appreciate you doing | 8 recommendation of approval be revived in any way. It was 9 that. And he was getting a little antsy and the reason provided timely. When the design of the pole was changed 10 why, is because it sounded like you were starting to 10 from a bare pole structure, it was an 80-foot bare pole 11 testify. 11 structure. When that was redesigned to address community 12 CHERYL WETTER: Okay. 12 concerns regarding screening, to a tree pole, the metal 13 TAMMY CITRAMANNIS: So but --13 structure of the monopole remained at 80 feet. And in 14 CHERYL WETTER: Sorry, the first time. 14 fact, Verizon Wireless dropped the, what we call the 15 TAMMY CITRAMANNIS: That I appreciate -- no -- no 15 centerline, of its antennas to 76 so that the top of the 16 problem. These are -- this is a -- this is a tough thing 16 antennas would not exceed the 80 feet. Now, there are 17 to do and it's impressive that you came out. Did you have 17 branches for the tree that go above that. Those are purely 18 any questions Ms. Lee? Okay. 18 decorative to give shape to the tree, as you will hear BILL CHEN: One last matter. 19 testimony on. We did check with the Tower Committee and 20 TAMMY CITRAMANNIS: Okay. 20 asked -- in fact we resubmitted it and we were told by BILL CHEN: My clients object to proceeding forward on 21 Marjorie Williams of the Tower Committee, that it -- there

22 was no change to the engineering of the monopole and

23 therefore, we did not need to resubmit it. And with all

25 of its review and what needs to come before it and it saw

24 due respect, I think the Tower Committee knows the purview

22 a stale recommendation from the Transmission Facility

23 Coordinating Group. Under the zoning ordinance, Section 59

24 3.5.2.C.2.b.i of the zoning ordinance, the recommendation

25 of the Transmission Facility Coordinating Group is required

43 1 no reason for that to be resubmitted. I also checked with 1 with you. I mean, I --2 Mr. Estes at the Planning Commission last week after his TAMMY CITRAMANNIS: All right. 3 report came out, to confirm that he was not expecting that BILL CHEN: We've asserted the objection for the 4 we needed to file anything further because of that five day record and we stand on it. TAMMY CITRAMANNIS: Okay. Do either one of you have 5 requirement. So I wanted to make sure that by providing it 6 with the original application, that met that five day and anything? Is everybody good? We can close preliminary 7 he agreed that it did. So I think an objection at this matters for now? Okay. So this is -- the next step is, 8 point is disingenuous and without merit and we should be you all are allowed -- can make an opening statement or you 9 allowed to proceed. can waive it and go -- we can go ahead and start your case. BILL CHEN: Just in reply to that, yeah, I think it's 10 What an opening statement is, is basically what you intend 11 all well and good that two individuals think that the 11 to prove. It's not your opportunity to make a testimony. 12 zoning ordinance does not have to be complied with. The 12 Most -- most people waive it, but I have to give you the 13 zoning ordinance does not have any qualification to it. 13 opportunity. 14 The zoning ordinance is very clear. The language is not 14 BILL CHEN: Most people like that. 15 ambiguous at all. It says that at least five days before 15 TAMMY CITRAMANNIS: Oh, no, no, no. No, sorry. I 16 the hearing, there must be a recommendation from this 16 should take that back. Attorneys, if you want to give an 17 agency and that recommendation must be within 90 days and 17 opening statement --18 18 that is not the case that you have, for whatever reason. CATHY BORTEN: I'm prepared to make an opening TAMMY CITRAMANNIS: Either one of you have any points? 19 statement. 20 Okay. Anticipating this question, my review of the 20 BILL CHEN: Then --21 legislative history is that the 90-day -- the report, can't 21 CATHY BORTEN: If you prefer that we waive them --22 be more than 90 days when the application is filed. The 22. BILL CHEN: Then, by all means. 23 report was not more than 90 days old when the application 23 CATHY BORTEN: -- I can do that as well. 24 was filed on September 23, 2016. I did not find anything 24 TAMMY CITRAMANNIS: No, no, no. If you want to, I 25 that required a similar rule if amendments were made. The 25 mean, it's your -- it's your proceeding. Please. 42 44 1 zoning ordinance anticipates that you can file amendments CATHY BORTEN: I never met a microphone I didn't like 1 2 to an application. Certainly, if you find something to so I will take the opportunity. 3 support that Mr. Chen, by all means provide it. But I did TAMMY CITRAMANNIS: Okay. So hopefully it's -- it's 4 review the legislative history on that and my not too long so we can --5 interpretation from what I read is the intention was they 5 CATHY BORTEN: I'm just going to set out what we 6 didn't want it to be more than 90 days old when the intend to prove and -- and what the -- what the end result 7 application was filed, which would apply to the amendment. should be. 8 So you -- you're certainly welcome to provide something 8 TAMMY CITRAMANNIS: Okay. Great. 9 either, you know, during your proceeding, your -- your case CATHY BORTEN: Thank you. So as -- as, Madam Hearing 10 in chief. So with that --10 Examiner, as you noted and as we set out in the application BILL CHEN: Just -- just for clarification. The --11 as amended, the goal of the applicant today is threefold. 12 when was application filed? 12 One, to obtain approval for the construction of a 13 TAMMY CITRAMANNIS: September 23, 2016, I believe was 13 telecommunications tower consisting of an 80-foot-tall 14 the date. 14 monopole concealed as a pine tree, which will be capable of 15 BILL CHEN: I think the date of the report is March --15 supporting antennas of two additional carriers. Two, the TAMMY CITRAMANNIS: No, the date of the report is June 16 grant of a waiver, the 80-foot setback on the southern side 16 17 ---17 of the property, which is the setback along Democracy 18 BILL CHEN: Right. 18 Boulevard, to allow the monopole to be sited in a location TAMMY CITRAMANNIS: -- 29, 2016. They got in just 19 that takes advantage of existing screening and additional 19 20 under the wire. 20 screening that will be added and is in a location that is 21 BILL CHEN: Right. Okay. 21 the farthest from the nearby residences. And three, the 22 TAMMY CITRAMANNIS: Okay. So certainly if you can --22 modification of the existing special exception for the 23 BILL CHEN: No, I --23 community pool at the site which will not in any way affect 24 TAMMY CITRAMANNIS: -- bring me something else. 24 the operation of the existing special exception. As you've 25 BILL CHEN: Please, Madam Examiner, I'm not quarreling 25 noted, the proposed conditional use has been reviewed and

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- 1 recommended for approval by the Montgomery County Tower
- 2 Committee and Planning Staff of the Montgomery County
- 3 Planning Department, which has recommended approval with
- 4 certain conditions; and we would just like to note that all
- 5 of the conditions are acceptable to the applicant.
- 6 Throughout the process of applying for the conditional use
- 7 and requesting a waiver, the applicant has worked with
- 8 Planning Staff to ensure that the elements of the
- 9 application met Staff's request with regard to screening,
- 10 landscaping, and elements of the waiver request. Although
- 11 there is no requirement in the zoning ordinance that the
- 12 proposed use be invisible or that it be screened, the
- 13 applicant has revised its design and application of from a
- 14 bare steel monopole with visible antennas, to a tree
- 15 monopole design where the steel of the monopole is covered
- 16 in material that looks like bark and where the antennas are
- 17 hidden under simulated pine tree branches. In addition to
- 18 the tower committee recommendation and the ability to
- 19 accommodate two co-locating carriers, the evidence
- 20 presented will show that the application meets all of the
- 21 general conditions of a conditional use and the special
- 22 conditions for approval of a telecommunications tower
- 23 through our expert land planner; that the facility will be
- 24 designed to meet all applicable provisions of the code
- 25 including how landscaping and screening will -- additional

- ask that you keep in mind that the relevant law on
- conditional uses, formally known as special exceptions,
- continues to be Mossberg vs. Montgomery County. With that
- in mind, the crucial question set out as a guiding
- principle in Mossberg is whether facts and circumstances
- show that the proposed monopole at the proposed site in the
- R200 zone would have any adverse effects above and beyond
- those inherently associated with such a conditional use
- irrespective of its location and zone. The evidence
- 10 presented will show that in fact, the proposed use will not
- 11 have any adverse effects above and beyond those inherent to
- 12 the use and we believe that you will be provided with
- 13 sufficient evidence to support a grant of the conditional
- 14 use, a grant of the waiver, and a recommendation to approve
- 15 the modification of the special exception. And we thank
- 16 you.
- 17 ELIZABETH CAPPIELLO: Nothing from me.
- 18 TAMMY CITRAMANNIS: Mr. Chen, you're welcome to
- 19 (inaudible).
- 20 BILL CHEN: Well, just to --
- 21 TAMMY CITRAMANNIS: Let Mr. Chen go first.
- 22. BILL CHEN: Just a footnote. Mossberg is one of the,
- 23 as I'm sure the Examiner knows, based decisions in Maryland
- 24 on the fact that this type of proceeding is a quasi-
- 25 judicial or adjudicatory hearing. What was not before the

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- landscaping will screen. We'll address the parking issues,
- the setback issues through our expert professional engineer
- 3 who will show that there is a need for the site in order to
- 4 address gaps in the coverage area to be served and that the
- 5 antennas proposed at the site will meet the guidelines
- 6 adopted by the FCC covering human exposure to
- 7 radiofrequency electric magnetic fields through the
- 8 testimony of our expert, Mr. Dugan, also a professional
- 9 engineer. And that the presence of the tower at the site 10 will not have negative influence on the value of adjacent
- 11 residential properties based on independent research
- 12 supplied by an expert in that field. Evidence will also be
- 13 presented explaining how the site was selected and the
- 14 visibility of the site based on the photo simulations.
- 15 Finally, evidence will be presented demonstrating that the
- 16 proposed use does not increase the intensity or change the
- 17 nature or character of the existing special exception use
- 18 at the property and that that modification can be granted.
- 19 I would just like to point out that the conditional use as
- 20 you noted, reflects a determination by the Montgomery
- 21 County Council, that certain uses may have inherent adverse
- 22 effects which are acceptable in specific zones if certain
- 23 standards are met. And again, as you noted, the
- 24 telecommunications tower is allowed as a conditional use in
- 25 the R200 zone. As we go through the hearing, I would just

- court in Mossberg and what now precipitates my comment is
- Ms. Borten's last common. In Montgomery County --
- TAMMY CITRAMANNIS: Is this -- just -- I don't want to
- 4 interrupt you, but this is an opening statement.
- 5 BILL CHEN: Yeah. Yeah.
- TAMMY CITRAMANNIS: And --
- BILL CHEN: It's going right to that and it's short.
- 8 TAMMY CITRAMANNIS: It's what you intend to prove or -
- 10 BILL CHEN: Well, these conditional uses do not enjoy
- 11 any presumption of compatibility. And Mossberg did not
- 12 hold that and in fact, under the zoning ordinance, clearly,
- 13 explicitly there is no presumption of compatibility with
- 14 surrounding land use and that's all I have to say.
- TAMMY CITRAMANNIS: Okay. Ms. Wetter, did you want to
- 16 say anything or wait until your testimony? (Inaudible).
- 17 Just because you're new at this.
- 18 CHERYL WETTER: Right.
- 19 TAMMY CITRAMANNIS: This is just an --
- 20 CHERYL WETTER: Hopefully this is my last.
- TAMMY CITRAMANNIS: Opportunity to say what you intend
- 22 to prove. You are going to give a statement, I know that.
- 23 You're not putting on any experts because you didn't
- 24 declare any and -- so it's up to you whether you want to do
- 25 that now, but I -- let's not make it testimony. It's just

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Conducted on September 26, 2017 51 1 -- or you can waive it and wait until you get to your 1 (On the record.) TAMMY CITRAMANNIS: Let's go back on the record and --2 testimony. is the court reporter ready? Okay. So we're back on the CHERYL WETTER: Okay. I guess my only position would 4 be that we keep referring to this as R200 zoning, which it record. Ms. Borten, did you have -- are you calling your is, but East Gate Recreational Association is not a first witness? 6 homeowners association. Is not a residential. It's a CATHY BORTEN: Yes, thank you. I would like to call 6 7 voluntary thing. And my position is going to be that if Mr. Bill Landfair. 8 you lose members, the place will collapse basically. And TAMMY CITRAMANNIS: Okay. Mr. Landfair. I need you 8 9 this is a voluntary association where you join because you to raise your right hand. 10 want to. If there is something there that makes people 10 BILL LANDFAIR: Yes. 11 leave it for another pool, then we have a problem. 11 TAMMY CITRAMANNIS: Do you solemnly promise to tell TAMMY CITRAMANNIS: Okay. 12 the truth, the whole truth, and nothing but the truth 13 CHERYL WETTER: And as a problem for Montgomery 13 (inaudible) your testimony --14 County. So I just want to --14 BILL LANDFAIR: I do. 15 TAMMY CITRAMANNIS: (Inaudible) TAMMY CITRAMANNIS: -- under the penalty of perjury. CHERYL WETTER: -- make clear that it's not -- we are 16 BILL LANDFAIR: I do. 17 not trying to keep a tower out of our housing area. We are 17 TAMMY CITRAMANNIS: Okay. Great. State your name and 18 trying to hold a pool together and that's my position. 18 your address and then listen for Ms. Borten's questions. 19 Thank you. 19 You're sworn in. 20 TAMMY CITRAMANNIS: Okay. Take you Ms. Wetter. Ms. 20 BILL LANDFAIR: Okay. 21 Lee, anything? 21 TAMMY CITRAMANNIS: And --22 22 SUSAN LEE: I waive my rights. BILL LANDFAIR: My --23 23 TAMMY CITRAMANNIS: All right. So with that being TAMMY CITRAMANNIS: -- then we'll -- they'll be able 24 said, we will turn it over to the applicant. Again, they 24 to --25 have the burden of proof so they are going to put on their 25 BILL LANDFAIR: Okay. 50 52 1 witnesses and we'll go from there. So Ms. Borten. TAMMY CITRAMANNIS: -- ask you questions. 1 CATHY BORTEN: Are you going to swear the individual -BILL LANDFAIR: Can you hear me okay? Good. Okay. 2 - individual witnesses as they take the stand or --My name for the record is Bill Landfair and I'm with VIKA TAMMY CITRAMANNIS: Yes. Maryland. I'm a land planner. Our address is 202 51 Century Boulevard, Suite 400, in Germantown Maryland. The 5 CATHY BORTEN: Okay. TAMMY CITRAMANNIS: I will swear the -- in everybody ZIP Code is 20874. 7 once you -- I think she set it up over here -- at the end. CATHY BORTEN: Mr. Landfair, thank you. I'm showing 8 That way everybody can see the witness. And we'll have to 8 you what's been previously marked as Exhibit 180C. Can you 9 make sure that --9 identify that? CATHY BORTEN: I'm going to need to move the easels I 10 10 BILL LANDFAIR: Yes, that is my resume. 11 think. TAMMY CITRAMANNIS: Thank you. And looking at your 11 12 TAMMY CITRAMANNIS: Okay. 12 resume, can you just briefly tell us how long you were at 13 CATHY BORTEN: Down there. 13 the Maryland National Capital Park and Planning Department? TAMMY CITRAMANNIS: Oh, for --14 14 BILL LANDFAIR: I was there for about 18 years. 15 15 CATHY BORTEN: I've just got some large exhibits. CATHY BORTEN: And can you briefly describe your 16 Unless they can testify at this end. 16 duties? TAMMY CITRAMANNIS: I guess it doesn't really matter 17 BILL LANDFAIR: I worked primarily in revelatory 18 where they testify just so long as they are at a mic and --18 planning, so my duties included the review of zoning 19 when you say you have to move the easels --19 applications as well as what were known as special

- 20 exception applications at the time, as well as variances.
- CATHY BORTEN: And you said that you had the
- 22 opportunity to review and write reports on what are called
- 23 special exceptions at the time?
- 24 BILL LANDFAIR: Yes.
- 25 CATHY BORTEN: Yeah. Any estimate about how many

20 CATHY BORTEN: If he can be here and then --

21 TAMMY CITRAMANNIS: Yes, let's just --

22 CATHY BORTEN: The easels can be right here.

23 TAMMY CITRAMANNIS: Let's go off the record for a

24 second. I just want to --

(Off the record.)

53 55 1 reports of the nature you worked on? 1 for us? BILL LANDFAIR: Many hundreds. BILL LANDFAIR: Yes, the property itself is located in 3 CATHY BORTEN: Many hundreds. And can you briefly the northwest quadrant of Democracy Boulevard and describe what degrees you hold? Gainsborough Road. It also has frontage along Snug Hill BILL LANDFAIR: Yes, I have a bachelor's degree in Lane. The property, for the most part, is relatively flat political science and a master's degree in planning. with respect to its topography. Although, along its west, CATHY BORTEN: Have you been qualified as an expert in northern, and eastern sides, it does rise up rather steeply land-use and planning before the Office of Zoning and so it gives the impression of a bowl. And along the Administrative Hearings or other land-use bodies in southern edge, along the Democracy Boulevard edge, there is 10 a substantial tree-line there that screens the property 10 Montgomery County? BILL LANDFAIR: I have. 11 from view, at least from Democracy Boulevard. The property 11 CATHY BORTEN: Madam Hearing Examiner, Mr. Landfair's 12 is improved with a community swimming pool. This would 12 13 resume was submitted with the original report and with his 13 include the swimming pool itself, a rather expansive deck, 14 some accessory buildings including the clubhouse and three 14 amended report and with the prehearing statement. And I 15 would move to have Mr. Landfair qualified as an expert 15 tennis courts. And there is also surface parking. The 16 witness in land planning. 16 access for the parking lot is off of Gainsborough. 17 TAMMY CITRAMANNIS: Any objection? 17 CATHY BORTEN: And can you define the immediate 18 18 surrounding neighborhood that you studied for your report? BILL CHEN: Just some voir dire, just a quick 19 question. Mr. Landfair, were you at any time within the BILL LANDFAIR: Yes, we defined it as being bounded by 20 subdivision review division of the Maryland National 20 Windsor View Drive to the north, Democracy Lane to the 21 Capital Park and Planning Commission? 21 east, Cabin John Park to the south, and by Bucks Branch 22 BILL LANDFAIR: No, I was not. 22. Park to the west. 23 BILL CHEN: Okay. So your experience is limited to 23 CATHY BORTEN: And can you describe the zoning and the 24 zoning, review of zoning applications, special exceptions, 24 existing land uses within the neighborhood? 25 and variances as I understand it. BILL LANDFAIR: The zoning within the defined 54 BILL LANDFAIR: That's correct. 1 neighborhood is R200 and R90 and I would characterize it as BILL CHEN: Thank you, very much. single-family in character. 2 3 BILL LANDFAIR: Yeah. CATHY BORTEN: Residential? BILL CHEN: We have no problems recognizing Mr. 4 BILL LANDFAIR: Residential. 5 CATHY BORTEN: Do you know if there any other Landfair -- my clients, in that area he has identified. conditional uses or special exception uses in the immediate 6 TAMMY CITRAMANNIS: Okay. He's qualified. CATHY BORTEN: Thank you. Mr. Landfair, are you 7 area? 8 familiar with the subject property, the Site Plan, and the 8 BILL LANDFAIR: Just the one for the swimming pool. 9 proposed use of the property and the surrounding area? 9 CATHY BORTEN: So in your opinion, would you say this 10 is presently predominantly residential in character? 10 BILL LANDFAIR: I am. CATHY BORTEN: And did you prepare a land planning 11 BILL LANDFAIR: Yes. 11 CATHY BORTEN: Just looking now at the general 12 report? 12 13 BILL LANDFAIR: I did. 13 conditions for all conditional uses, does this use require CATHY BORTEN: I'm going to show you what's been 14 any parking spaces? 15 previously marked -- I accept two numbers on it based on 15 BILL LANDFAIR: No, it does not. 16 the exhibit list. It's 145B and 180B. Can I ask you to CATHY BORTEN: And do you know if existing parking 17 identify that? 17 will be affected by the proposed use? BILL LANDFAIR: Yes, that is the report revised June BILL LANDFAIR: Yes, there are some parking spaces 18 19 being displaced. 19 12, 2017. CATHY BORTEN: Thank you. I'm now showing you what's CATHY BORTEN: And will those parking spaces be 20 21 been previously marked as Exhibit 145C. Can I ask you to 21 relocated elsewhere on the property?

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BILL LANDFAIR: Yes, they will be.

BILL LANDFAIR: Yes, it will.

CATHY BORTEN: So will the overall number parking

24 spaces for the special exception use remain compliant?

22 identify that?

24 It's, as you note, Exhibit 145C.

BILL LANDFAIR: Yes, that is a plan titled Site Plan.

CATHY BORTEN: Can you describe the subject property

59 CATHY BORTEN: Is any outdoor lighting planned for 1 plan supports and upholds the existing 200 zone for the 2 this facility? property. A telecommunications facility is allowed as a BILL LANDFAIR: No. conditional use within that particular zone. The master CATHY BORTEN: Do you know the status of the special plan doesn't specifically anticipate the location of a exception in relation to this application for the telecommunications facility for this site; however, we believe that the use itself won't conflict with the conditional use? BILL LANDFAIR: Only in that there is a pending intended primary purpose of the property, which as I've modification to permit the proposed telecommunications noted, is the community swimming pool. Further, we think facility on the site and to acknowledge the changes to the the facility will provide a benefit to the larger community 10 parking arrangement. 10 by providing cellular communication in an area where we CATHY BORTEN: Under the zoning ordinance, can more 11 believe there is weak coverage. 12 than one type of land-use exist on the same property? BILL CHEN: Objection. Move to strike that. 13 BILL LANDFAIR: Yes. 13 BILL LANDFAIR: And it will also provide for co-14 CATHY BORTEN: How would you -- how would the two uses 14 location. 15 exist at this site? And when I say the two uses, I mean 15 TAMMY CITRAMANNIS: What -- what's the objection? 16 existing special exception for the pool and swim club and BILL CHEN: Testifying about need. He's a land 16 17 the proposed telecommunications. 17 planner. He just -- (inaudible). 18 BILL LANDFAIR: Well, I think they can exist without 18 TAMMY CITRAMANNIS: I do need to hear it again. What 19 --19 conflict. Obviously, the nature of the two uses is very 20 different. The community pool obviously has a lot of 20 CATHY BORTEN: I had asked Mr. Landfair --TAMMY CITRAMANNIS: What was the question? 21 activity associated with it, particularly in the season. 21 22 You have people coming and going. There is physical CATHY BORTEN: -- to testify regarding conformance 22. 23 activity on the property. There's lights. There is noise, 23 with the master plan. 24 et cetera, emanating from the property. There is traffic 24 TAMMY CITRAMANNIS: Correct. 25 associated with the operation of the pool itself. With 25 CATHY BORTEN: And he's explaining how he sees it in 58 60 1 respect to the telecommunications facility though, it's a 1 conformance with the master plan. 2 much more passive use. It is located along the perimeter 2 BILL CHEN: (Inaudible). 3 of the property by intent. Its operations will be, for the CATHY BORTEN: I think he can certainly testify if 4 most part, out of the way, if you will, of those -- of the 4 there is -- he's not getting into the technical need, but he's indicating there is a need for this use and that's 5 swimming pool. The activity taking place on the 6 telecommunications facility is fairly minimal. There are iust another element of its conformance with the master 7 only a few visits per year to the site. It doesn't have 7 plan. 8 the type of activity associated with the pool. So we think 8 BILL CHEN: I move to strike. 9 the two uses will actually co-locate quite nicely. 9 TAMMY CITRAMANNIS: Is that an expert opinion though? TAMMY CITRAMANNIS: Go ahead Ms. Borten. I again, I -10 10 CATHY BORTEN: I mean, we can ask him to withdraw that 11 - really, I know that -- please, the witness is up here and 11 part of his testimony. That's fine. 12 while that sounds like laughter, it can be intimidating. BILL LANDFAIR: I'll be happy (inaudible). 12 13 Please do not have any outbursts. I appreciate that. 13 TAMMY CITRAMANNIS: Okay. Go on. 14 Thank you. Please go ahead, Ms. Borten. 14 CATHY BORTEN: In your report, you do site certain CATHY BORTEN: Is the telecommunications tower allowed 15 elements in the master plan and one of those items is that 16 as a conditional use in the R200 zone? 16 the use would avoid an excessive concentration of special BILL LANDFAIR: Yes, it is. 17 exceptions --CATHY BORTEN: And are you familiar with the master 18 BILL LANDFAIR: Right. 19 CATHY BORTEN: -- along major transportation 19 plan covering the subject property? 20 BILL LANDFAIR: Yes, I am. 20 corridors. BILL LANDFAIR: Right. CATHY BORTEN: Will approval of the conditional use be 21 22 consistent with this master plan and conform to its 22 CATHY BORTEN: In your professional opinion, what is 23 recommendations? 23 meant by excessive concentration? BILL LANDFAIR: I think so. The property is located BILL LANDFAIR: Right. Well, it's a somewhat 25 within the Potomac Sub-region Master Plan Area. The master

25 subjective question and it can vary. And it depends really

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1 in terms of the types of uses we're talking about and we

- 2 are really speaking of conditional uses and whether or not
- 3 there is a proliferation of -- of these types of uses in an
- 4 area, particularly a residential area that might somehow
- 5 change the character or affect the character of that area
- 6 negatively. Certainly, there are areas in the county where
- 7 you have what one could consider to be an over
- 8 concentration or proliferation of certain types of uses in
- 9 residential neighborhoods, but these uses typically are
- 10 pretty benign in nature and so they are found to be
- 11 acceptable. In other places in the county where the
- 12 neighborhood is predominantly residential, it's been found
- 13 that even a few uses -- typically they might be office uses
- 14 for an example along a major corridor -- could lead to a
- 15 proliferation which changes or affects negatively the
- 16 character that area.
- 17 CATHY BORTEN: Can you give an example of that?
- 18
- 19 example, where over the years there's been a proliferation
- 20 of office uses. Notably, home occupation type uses,
- 21 medical practitioners' offices, and the like. And they've
- 22 been found to start to change that character of that
- 23 predominantly residential neighborhood. In this instance,
- 24 in this neighborhood, the two conditional uses that we
- 25 have, I don't believe they are changing or adversely
 - affecting the neighborhood through an over concentration.
- CATHY BORTEN: So on -- in -- on that note, as 2
- required under the code, would the proposed use be
- 4 harmonious with the character of this -- and not alter the
- character of the surrounding area?
- BILL LANDFAIR: Yes, I believe so.
- CATHY BORTEN: Will the proposed use, when evaluated
- 8 in conjunction with existing and approved conditional uses
- 9 in any neighboring residential detached zone, increase the
- 10 number, intensity, or scope of conditional uses
- 11 sufficiently to affect the area adversely or alter the
- 12 predominantly residential nature of the area?
- BILL LANDFAIR: No, I don't think so. As has already
- 14 been noted, there is only one existing conditional use in
- 15 the neighborhood. That is the community pool that's
- 16 located on the subject property. And I believe adding this
- 17 additional conditional use for the telecommunications
- 18 facility won't create that problem.
- CATHY BORTEN: Are you familiar with the Staff Report? 19
- 20 BILL LANDFAIR: Yes. Yes, I am.
- CATHY BORTEN: So would you agree that the
- 22 neighborhood looked at or the area looked at the Staff
- 23 Report was somewhat broader than the neighborhood that you
- 24 looked at?
- BILL LANDFAIR: Yes, it was.

- CATHY BORTEN: And that included one or two other, we
- will say benign special exceptions.
- BILL LANDFAIR: Yes.
 - CATHY BORTEN: Does that change your opinion at all?
- 5 BILL LANDFAIR: No, I don't think so. Even factoring
- in that extended neighborhood boundary and those additional
- conditional uses, I don't think in sum that they would add
- up to a cumulative effect that adversely affects the
- neighborhood.
- 10 CATHY BORTEN: Will the proposed use be serviced by
- 11 adequate public services and facilities including schools,
- 12 police, fire protection, water, sanitary, sewer, public
- 13 road, storm drainage, and other public facilities?
- BILL LANDFAIR: Yes, I think so. Primarily, I think
- 15 what we are talking about is police and fire protection.
- 16 The site does have no need for water or sanitary sewer;
- 17 although those services are well provided for in the area.
- BILL LANDFAIR: Old Georgetown Road in Bethesda for 18 Public roads are good and can certainly accommodate the
 - 19 minimal traffic that we'll see to the site which is three
 - 20 or four trips per year.
 - 21 CATHY BORTEN: I just want to call your attention to
 - 22 Page 5 of your report. In that Section 5, did you identify
 - 23 the actual stations for fire and police --
 - 24 BILL LANDFAIR: Yes, we did.
 - 25 CATHY BORTEN: -- emergency to show that it's served?

BILL LANDFAIR: Yes.

- CATHY BORTEN: Will a preliminary subdivision plan be 2
- 3 required here?

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- BILL LANDFAIR: No.
- CATHY BORTEN: Can you explain what the inherent
- adverse effects of the telecommunications tower are?
- BILL LANDFAIR: Sure. There are -- it's recognized I
- should say that there are seven the commonly held
- characteristics to consider when analyzing inherent or non-
- 10 inherent effects of a conditional use. These are size.
- 11 scale, scope, light, noise, traffic, and the environment.
- 12 As applied to a telecommunications tower or facility, the
- 13 Board of Appeals has found that the inherent physical and
- 14 operational characteristics are the antennas that are
- 15 installed on the structure; typically, the support
- 16 structure has a significant height. Number two, an
- 17 equipment platform or equipment cabinets, typically located
- 18 within an enclosed area. Visual impacts that are typically
- 19 associated with the height of the support structure. There
- 20 are recognized RF emissions by necessity. And then a small
- 21 number of vehicle trips for maintenance purposes over the
- 22 course of the year. And then generally there is also so
- 23 some form of backup power source, whether that's a battery
- 24 power source or generator.
- CATHY BORTEN: In your professional opinion, with that

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- in mind, are there any non-inherent adverse effects from
- the proposed telecommunications tower at the site?
- BILL LANDFAIR: No, I don't think so. I think what we
- 4 have here are all inherent, physical, and operational
- characteristics. We have a pole that is 80 feet in height.
- 6 This is well below the maximum height allowed, which is 155
- 7 feet. In my opinion, it's also lower than what I've
- 8 typically seen in the past or what is even found elsewhere
- 9 in the larger Potomac sub-region. The RF emissions,
- 10 although they are a fact in terms of the operation of the
- 11 use, are not really a consideration for denial and will be
- 12 spoken to by our own technical expert. And we believe will
- 13 be in compliance with FCC requirements. I've mentioned the
- 14 fact that there will be a small number of vehicle trips and
- 15 this is only for occasional servicing.
- CATHY BORTEN: In your professional opinion, will the
- 17 proposed use cause undue harm to the neighborhood as a
- 18 result of non-inherent adverse effects alone or the results
- 19 of the combination of inherent and non-inherent adverse
- 20 effects in these categories? And these are the categories
- 21 that are set out in the zoning ordinance. I apologize if
- 22 it's a little cumbersome; the use, peaceful enjoyment,
- 23 economic value or development potential of abutting and
- 24 confronting properties or the general neighborhood;
- 25 understanding the economic value is not something that

- TAMMY CITRAMANNIS: As a land planner, I'm sure he
- knows whether they are allowed in this type of use. I'm
- going to overrule that.
- BILL LANDFAIR: My understanding is, yes, they are
- found with this particular type of use and in fact, are
- found with other types of conditional uses in residential
- 8 CATHY BORTEN: Does the presence of a generator here
- substantially or at all change the nature or character or
- 10 intensity of these?
- 11 BILL LANDFAIR: No, I don't believe so.
- CATHY BORTEN: Does the presence of a generator have 12
- 13 any effect on traffic or on the immediate neighborhood?
- BILL LANDFAIR: No, I don't think so.
- 15 CATHY BORTEN: Would the approval of the conditional
- 16 use be compatible with the character of the residential
- 17 neighborhood you've identified?
- 18 BILL LANDFAIR: Yes.
- CATHY BORTEN: Looking at the special conditions for
- 20 approval of a telecommunications tower, does this use meet
- 21 the definition of a telecommunications tower under the
- 22 zoning ordinance?
- 23 BILL LANDFAIR: Yes, it does.
- 24 CATHY BORTEN: Was a conditional use application
- 25 reviewed and recommended for approval by the Montgomery

- 1 you're looking at (inaudible).
- BILL LANDFAIR: Right. No, I don't believe it will be
- disruptive with respect to any of those elements.
- CATHY BORTEN: Is that based on the -- the elements
- that are there that you already testify to?
- BILL LANDFAIR: Correct. That's right.
- CATHY BORTEN: And traffic noise, odor, dust
- elimination -- I'm sorry, illumination or lack of parking;
- any problems?
- BILL LANDFAIR: Parking will not be an issue. There
- 11 is no illumination planned. I can't imagine there will be
- 12 any dust generated by this use at all.
- CATHY BORTEN: All right. The health, safety, and
- 14 welfare of neighboring residents, visitors, or employees?
- BILL LANDFAIR: I don't believe there will be any 16 adverse effects to those people.
- CATHY BORTEN: With regard to the generator, is a 18 generator permitted in the zone?
- BILL CHEN: Objection.
- CATHY BORTEN: We're talking about the --20
- 21 BILL CHEN: No, excuse --
- 22 CATHY BORTEN: -- inherent
- BILL CHEN: Excuse me. This is land-use and I -- I
- 24 don't understand that this witness has any expertise
- 25 relative to generators.

- County Transmission Facility Coordinator Group?
- 2 BILL LANDFAIR: Yes, it was.
- 3 CATHY BORTEN: Did the group issue a recommendation?
- 4 BILL LANDFAIR: They did.
- 5 CATHY BORTEN: Are you aware of what their
- recommendation was?
- BILL LANDFAIR: It was for approval.
- CATHY BORTEN: Is there a scenic setback indicated in
- the master plan?
- 10 BILL LANDFAIR: No, there is not.
- 11 CATHY BORTEN: I'm going to show you what's been
- 12 marked as Exhibit 145F and ask you to identify that.
- BILL LANDFAIR: The exhibit is titled, Setback
- 14 Exhibit. And so it reflects the proposed exhibits for the
- 15 facility; setbacks not just from the property line, but
- 16 also from nearby residences.
- CATHY BORTEN: And looking at that plan, in terms of
- 18 the setbacks, is the proposed use it located to meet the
- 19 required setback of 300 feet from all existing dwelling
- 20 BILL LANDFAIR: Yes.
- 21 BILL CHEN: Hold on a minute.
- TAMMY CITRAMANNIS: What's the objection? 22
- 23 BILL CHEN: I don't have an objection.
- 24 TAMMY CITRAMANNIS: Thank you. Proceed Ms. Borten.
- 25 CATHY BORTEN: All right. Is the proposed use, where

71 it is proposed --1 it? You know, he is saying --2 BILL LANDFAIR: Yes. CATHY BORTEN: In his professional --CATHY BORTEN: -- located to meet the required setback TAMMY CITRAMANNIS: He's -of 80 feet from all property lines? 4 CATHY BORTEN: -- experience reviewing applications. BILL LANDFAIR: From three of the four property lines. 5 TAMMY CITRAMANNIS: I'm going to overrule it. Go From the north, east, and the west property lines. A 6 ahead. waiver has been requested for the southern property line. 7 CATHY BORTEN: I'm sorry. Go ahead and finish. CATHY BORTEN: What is the side street setback along 8 BILL LANDFAIR: So in the context of this particular 9 Democracy Boulevard? application, for example, I did look around in the Potomac BILL LANDFAIR: I believe it's 15 feet. 10 sub-region area at other tower facilities and took note of CATHY BORTEN: And you mentioned the waiver that's 11 their respective heights and I think in every case they 11 12 being requested. 12 were 130 feet. I'm speaking of monopole at the Bullis 13 BILL LANDFAIR: Right. 13 School, the monopole at the VFW site on MacArthur CATHY BORTEN: If granted, with the rate -- the 14 14 Boulevard, and a monopole located at the Avenel Country 15 setback exceed the 15 foot building setback on that side of 15 Club. CATHY BORTEN: And those exceed 80 feet? 16 the property? 16 17 BILL LANDFAIR: Yes, the setback is 28 feet and 11 17 BILL LANDFAIR: Yes, they do. 18 inches. 18 CATHY BORTEN: Are those neighborhoods where you CATHY BORTEN: So it would not be less than the 15 19 looked at these other poles also residential neighborhoods? 20 foot setback? 20 BILL LANDFAIR: They are zoned residential. 21 BILL LANDFAIR: No, it would not be. 21 CATHY BORTEN: And it - at those other areas that you 22. CATHY BORTEN: Is the setback for employment zones 22 looked at, are you aware of whether there was another 23 applicable here? 23 special exception or conditional use at the site in 24 BILL LANDFAIR: No. 24 addition to the monopole? 25 CATHY BORTEN: What is the maximum allowed height for BILL LANDFAIR: All three of those locations have the structure in this zone? conditional uses; the Bullis School, Avenel Golf Course, and the VFW. 2 BILL LANDFAIR: 155 feet. CATHY BORTEN: And what is the height of the proposed CATHY BORTEN: Looking at screening, is the screening structure? of the telecommunications tower required under the zoning 5 5 BILL LANDFAIR: Eighty feet. ordinance? CATHY BORTEN: And I think you mentioned earlier, but BILL LANDFAIR: No. I just want to recap. In your experience, is an 80-foot CATHY BORTEN: Are there existing visual mitigation monopole an unusual height in any way? 8 elements present here? BILL CHEN: Objection. 9 BILL LANDFAIR: Yes. 10 10 TAMMY CITRAMANNIS: What do you mean by unusual? CATHY BORTEN: What would those be? CATHY BORTEN: I'll rephrase the question. BILL LANDFAIR: Primarily, first and foremost, the 11 11 12 12 existing tree line along Democracy Boulevard, which is TAMMY CITRAMANNIS: Okay. 13 CATHY BORTEN: Have you seen heights 80 feet tall, 13 fairly substantial and along most of the entire frontage. 14 monopole, in your experience working with review and 14 And so it affords very good mitigation of the view of the 15 recommendation of telecommunications towers? 15 structure. BILL LANDFAIR: In my experience, this is relatively CATHY BORTEN: How about the topography of the area 17 low pole. Generally speaking, they are typically 100 feet, 17 where the pole is proposed to be situated? 18 120 --BILL LANDFAIR: It's also at one of the lower 19 BILL CHEN: Objection. 19 elevations on the site. The elevation on the property does 20 BILL LANDFAIR: -- 130 feet --20 vary. For the most part, it's fairly flat, but it does 21 BILL CHEN: (Inaudible) isn't the question. 21 rise up along the northern side as much as 30 feet. And so 22 BILL LANDFAIR: -- in height. 22 in addition to taking advantage of the existing tree line 23 CATHY BORTEN: I think that goes to exactly what I 23 along Democracy Boulevard, we are proposing landscaping

24 along that northern edge next to Snug Hill Lane. And the

25 fact that we have an elevation change there, will allow us

24 asked.

BILL CHEN: No. He -- the question was, have you seen

75 1 to take best use of that landscaping so we will have one 1 much more intensive activity taking place on the site, but 2 effect, positive effect, in terms of mitigating the view of yet this activity I think won't be impacted adversely by 3 the structure from -the telecommunications facility. So I think the two uses CATHY BORTEN: From the northern property line? can co-locate on this property pretty well. BILL LANDFAIR: -- Snug Hill Road. Correct. CATHY BORTEN: If the proposed use manned? CATHY BORTEN: Are any signs or illumination planned BILL LANDFAIR: No, it's not. 6 for the tower structure? CATHY BORTEN: Then I just -- to wrap up, in your professional opinion, will the proposed conditional use as BILL LANDFAIR: No. CATHY BORTEN: And is Verizon Wireless proposing any described in the application as amended, be in substantial 10 proposed outdoor storage of equipment? 10 conformance with the goals and recommendations of the BILL LANDFAIR: Well, there is -- there is the 11 Potomac Sub-Region Master Plan and meet the general special 12 operations area within that 20' x 30' enclosed compound and 12 conditions that apply to telecommunications towers as 13 there will be slats that will be installed through the 13 provided in the zoning ordinance in order to obtain 14 fencing that will help mitigate the view of what's taking 14 approval for the use? 15 place in that compound, but there is a switching gear and BILL LANDFAIR: Yes, I think so, for the reasons I've 15 16 other equipment associated with the operation of the 16 stated on the record. 17 structure. 17 CATHY BORTEN: I don't have any further direct 18 CATHY BORTEN: Is that equipment in enclosed cabinets? 18 questions. I reserve for redirects. 19 BILL LANDFAIR: Yes, it is. 19 TAMMY CITRAMANNIS: Mr. Chen. 20 CATHY BORTEN: With regard to the special exception 20 BILL CHEN: Thank you. Sir, you -- your last -- one 21 modification, you've testified that you are aware of the 21 of your last comments was that there was no adverse effect 22 special exception use of the property and you are aware 22 on the operations of the pool. 23 that there has been a request for modification. 23 BILL LANDFAIR: Mm-hmm (affirmative). 24 BILL LANDFAIR: Yes. 24 BILL CHEN: Where will the enclosure area be? 25 CATHY BORTEN: And do you know the scope of the 25 BILL LANDFAIR: It will be located along the southern 74 76 1 modification? perimeter of the property itself, the pool property, in an BILL LANDFAIR: It's to acknowledge the proposed area that is now occupied by parking spaces. 2 application for the telecommunications facility and the BILL CHEN: And is that area where the parking area 4 fact that there will be some minor changes to the parking 4 begins and where the entrance to the pool facility is? 5 facility for the pool. 5 BILL LANDFAIR: It's in close proximity, yes. CATHY BORTEN: And based on your understanding of the 6 6 BILL CHEN: Yeah. Couple of feet? 7 existing use and the proposed use, in your professional BILL LANDFAIR: Twenty, 25 feet. 8 opinion, will the requested modifications substantially 8 BILL CHEN: Okay. 9 change the nature, character, or intensity of the existing TAMMY CITRAMANNIS: Mr. Chen, just so that I'm clear, 10 and in the right place, you're saying from the entrance 10 swimming pool use? BILL LANDFAIR: No, I don't think so. 11 into the driveway? The distance? CATHY BORTEN: Can you just give a brief -- I think 12 BILL CHEN: No, I'm talking about the entrance way 13 you've already covered it but --13 into the pool itself. BILL LANDFAIR: Yeah, I think the two uses, in my 14 TAMMY CITRAMANNIS: Oh, sorry. Okay. 15 opinion, will work well together. The location of this 15 BILL LANDFAIR: Where -- where I think members might 16 particular facility is out of the way generally speaking, 16 actually enter into the clubhouse area. 17 from the pool operations. Yes, we are displacing a number 17 TAMMY CITRAMANNIS: Got it. Thank you. 18 of parking spaces, but those spaces will be replaced. It's 18 BILL CHEN: And you're saying it's 20 feet from that 19 not anywhere where there could be any kind of adverse 19 area? 20 effect to the operation of the pool. It's not immediately 20 BILL LANDFAIR: I'm guessing. I have a scale with me 21 adjacent to the pool deck, for example. The operation of 21 so I could scale it out for you right now. 22 the telecommunication facility, it's a very quiet, passive BILL CHEN: Yeah, want to do -- where -- and where --23 use. There isn't a lot of traffic or really much traffic 23 and in doing that, sir, could you please tell us where your

25

24 two points that you're starting from --

BILL LANDFAIR: Sure.

24 at all associated with it. There is no lights or signage

25 that calls attention to it, whereas the pool itself has a

Conducted on September 20, 2017				
77	79			
1 CATHY BORTEN: Do you want someone 1 CATHY BORTEN: Forty-two?				
2 TAMMY CITRAMANNIS: Just 2 BILL LANDFAIR: Forty-two.				
BILL CHEN: Now, where is that 42 distant and a superior of the				
4 TAMMY CITRAMANNIS: If he is going to identify 4 BILL LANDFAIR: It's again, from the fend				
5 something, I'm going to need him to use a a markers so 5 enclosing the the compound for the telecomm	nunications			
6 that I know what there means and where here means. 6 building (inaudible).				
7 CATHY BORTEN: Should we do it (inaudible)? 7 BILL CHEN: May I approach?				
8 TAMMY CITRAMANNIS: So what color what marker do 8 TAMMY CITRAMANNIS: Yes, please.	Are you okay with			
9 you have a marker Mr. Landfair? 9 that Mr I need to see where he's marking.				
10 BILL LANDFAIR: I do, yeah. 10 BILL CHEN: Sure.				
11 TAMMY CITRAMANNIS: Okay. 11 BILL LANDFAIR: This is the fence and the	nen this is the			
12 BILL LANDFAIR: Do you want me to do this on the 12 sidewalk (inaudible).				
13 setback exhibit or on the actual Site Plan itself because - 13 TAMMY CITRAMANNIS: Can you hear	r them?			
14 - maybe it doesn't make any difference. 14 (Crosstalk)				
15 TAMMY CITRAMANNIS: Put it on the Site Plan. 15 BILL LANDFAIR: Sorry.				
16 BILL LANDFAIR: Okay. 16 TAMMY CITRAMANNIS: You need to				
17 TAMMY CITRAMANNIS: Or 17 BILL LANDFAIR: I'm sorry.				
18 BILL CHEN: Is it easier to maybe use a blue marker 18 TAMMY CITRAMANNIS: speak loux	der Remember the			
19 rather than black? 19 mic is your friend.	ser. remainder, are			
20 TAMMY CITRAMANNIS: Yeah. 20 BILL LANDFAIR: Yeah, you're right. Th	ank vou So			
21 BILL CHEN: Okay. 21 I'm scaling it from the fence that encloses the	unik you. 50			
22 TAMMY CITRAMANNIS: That's perfect. Yes. I agree 22 telecommunications facility. I'm scaling across	the			
23 with you Mr. Chen. 23 driveway along the parallel to a parking space of the paralle				
24 BILL CHEN: Here, Mr. Landfair. Just give it back. 24 sidewalk that actually leads up into the entrance	•			
, , ,				
CATHY BORTEN: This is C1, which is identified as 1 this Exhibit 145C?	80			
	itaalaa Im			
	it scares I iii			
TAMMY CITRAMANNIS: Okay. So Mr. Chen, you want to 3 scaling it out at 42 feet.	41 1-1-1-1-4 4			
4 know just clarify your question now that he has 4 BILL CHEN: And it as I am viewing				
5 BILL CHEN: He 5 area, it traverses through a parking spot its	seit. Is that			
6 TAMMY CITRAMANNIS: You want to know the points on 6 right?				
7 BILL CHEN: Yes, the witness said that the enclosure 7 BILL LANDFAIR: That's correct.	11.0			
8 area for the special exception was about 20 feet from the 8 BILL CHEN: So the direct line 40 s	some odd feet			
9 entrance into the pool area. And I had asked that if he 9 BILL LANDFAIR: Right.				
10 would please mark that. Well, I didn't ask him to mark it, 10 BILL CHEN: Of the direct line would				
11 I asked if he could please identify where the endpoints of 11 straight through another parking space to				
12 that 20 foot 12 BILL LANDFAIR: Correct. Now, the				
13 TAMMY CITRAMANNIS: Okay. 13 that is one space removed from where I've				
14 BILL CHEN: estimate. 14 would actually probably extend the distance.				
15 BILL LANDFAIR: Okay. As I've marked it on the plan- 15 And that's what most people would probab				
16 - 16 actually entering into the pool.				
16 - 16 actually entering into the pool. 17 CATHY BORTEN: 145C? 16 actually entering into the pool. 17 BILL CHEN: And what is that distance	oly take as they are			
16 - 16 actually entering into the pool.	oly take as they are			
16 - 16 actually entering into the pool. 17 CATHY BORTEN: 145C? 16 actually entering into the pool. 17 BILL CHEN: And what is that distance	oly take as they are			
16 - 16 actually entering into the pool. 17 CATHY BORTEN: 145C? 17 BILL CHEN: And what is that distance 18 BILL LANDFAIR: Correct, 145C. 18 feet, did you say?	oly take as they are ethen? Forty-two			
16 -16 actually entering into the pool.17 CATHY BORTEN: 145C?17 BILL CHEN: And what is that distance18 BILL LANDFAIR: Correct, 145C.18 feet, did you say?19 BILL CHEN: Is that in blue?19 BILL LANDFAIR: Forty-two feet.	oly take as they are ethen? Forty-two that 42 feet, how			
16 - 17 CATHY BORTEN: 145C? 18 BILL LANDFAIR: Correct, 145C. 19 BILL CHEN: Is that in blue? 10 BILL LANDFAIR: In blue ink. I've taken it from the 11 actually entering into the pool. 12 BILL CHEN: And what is that distance 18 feet, did you say? 13 BILL LANDFAIR: Forty-two feet. 24 BILL CHEN: Forty-two feet. And of the 19 BILL CHEN: Forty-two feet.	oly take as they are ethen? Forty-two that 42 feet, how			
16 - 17 CATHY BORTEN: 145C? 18 BILL LANDFAIR: Correct, 145C. 19 BILL CHEN: Is that in blue? 10 BILL LANDFAIR: In blue ink. I've taken it from the 21 fenced enclosure to the point that seems to be directly 16 actually entering into the pool. 17 BILL CHEN: And what is that distance 18 feet, did you say? 19 BILL LANDFAIR: Forty-two feet. 20 BILL CHEN: Forty-two feet. And of the 21 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the parking space to 19 much of that 42 feet is the 19 much of that 4	e then? Forty-two that 42 feet, how that the line is			
16 - 17 CATHY BORTEN: 145C? 18 BILL LANDFAIR: Correct, 145C. 19 BILL CHEN: Is that in blue? 10 BILL LANDFAIR: In blue ink. I've taken it from the 21 fenced enclosure to the point that seems to be directly 22 opposite of the entrance into the pool. In fact, I'm 16 actually entering into the pool. 17 BILL CHEN: And what is that distance 18 feet, did you say? 19 BILL LANDFAIR: Forty-two feet. 20 BILL CHEN: Forty-two feet. And of the 21 fenced enclosure to the point that seems to be directly 21 much of that 42 feet is the parking space to 22 traversing through?	e then? Forty-two that 42 feet, how that the line is			

BILL CHEN: -- A parking space and that leaves,

outside the fence and to that parking space, about 14 feet.

2 3 BILL LANDFAIR: No (inaudible).

4 BILL CHEN: Fifteen feet (inaudible).

5 BILL LANDFAIR: (Inaudible) 24 and 18 is going to be 42. 6

7 BILL CHEN: Yeah, so I'm going to take 18 from 42 --

8 BILL LANDFAIR: That's 24.

BILL CHEN: Yeah, okay. And that 24 -- that 24 foot 10 wide space is for what purpose?

BILL LANDFAIR: That's for -- that the driveway --12 drive on.

13 BILL CHEN: The cars entering and exiting, is that 14 correct?

BILL LANDFAIR: Correct. That's right.

BILL CHEN: By the way, you've mentioned twice that,

17 in your professional opinion, one of the factors that go to

18 the compatibility of the most conditional use is that it's

19 on the perimeter of the property, is that correct?

BILL LANDFAIR: Correct.

21 BILL CHEN: So that -- do I take it then, in your

22 professional opinion, that locating this conditional use on

23 the perimeter is a factor in determining the compatibility?

BILL LANDFAIR: In terms of -- yes. In terms of how

25 we've located it, as has been stated on the record, there

1 is a waiver that's been requested. And one of the grounds

2 for that waiver has to be that there are alternative

3 locations, locations where you could actually meet the

4 required setback on the property. And in fact, I believe

5 we have an exhibit with us here today that will show that

6 location. The -- the problem we had with that location was

7 that it brought it closer to the operations of the pool.

8 But it also brought more out into the open in terms of its

9 visibility from neighboring residences. It also made it

10 slightly closer to those neighboring residences, which was

11 a concern for us and we are sure the community as well. So

12 we felt in this instance, we have this substantial tree

13 line along the southern edge, along the perimeter if you

14 will. We want to take advantage of it. That's why we also

15 think the tree pole will work so well in this location.

BILL CHEN: But the bottom line is it has to be on the 16 17 perimeter.

BILL LANDFAIR: We think -- I mean, it could be

19 located further into the interior of the property. It --

20 it could be made to work, but it would be more visible.

21 And of course, our concern, as is I think most everyone's

22 concern, it's how can we best mitigate the view of the

23 structure.

BILL CHEN: By the way, that tree line is along

25 Democracy, I think you said. Is that right?

BILL LANDFAIR: There are certainly trees as part of

that tree line that are within the public right-of-way for

Democracy, that's correct.

BILL CHEN: Am I correct in understanding however,

that the dwellings in the East Gate of Potomac subdivision

are not outside that tree line is that correct?

BILL LANDFAIR: I believe so.

8 BILL CHEN: So that as far as this particular

subdivision, all of the dwellings in the subdivision where

10 the conditional use is proposed are not shielded from the

11 proposed condition used by virtue of that tree line?

BILL LANDFAIR: That's correct.

13 BILL CHEN: And you also noted that there is a steep

14 rise on the property on the northern side, is that correct?

BILL LANDFAIR: Primarily on the northern side, but

16 also to some degree on the east and west sides too.

17 BILL CHEN: Are you aware of any use to which that

18 area is being used by the residents of the subdivision?

19 BILL LANDFAIR: It's primarily just open landscaped 20 area.

21 BILL CHEN: Okay. That's your -- so that --

2.2. BILL LANDFAIR: (Inaudible).

23 BILL CHEN: That's as far as you know about the use of

24 the area.

1

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25 BILL LANDFAIR: Correct. Right.

BILL CHEN: On Page 10 of your report, you list, as I

understand it, the physical and operational characteristics

that go to the inherent and non-inherent evaluation. You

list six there, but in your testimony this morning, you

said there were seven. I'm not -- this is not a trick

question. I'm not -- I'm just trying to understand. As I

counted the ones in your report, I got six, but I heard you

8 say seven.

9 BILL LANDFAIR: Right.

10 BILL CHEN: Am I missing one or --

11 BILL LANDFAIR: No. There is the size, scale --

12 BILL CHEN: Hang on a second.

13 BILL LANDFAIR: Yeah. I think I -- in terms of size

14 and scale, maybe I clumped them together little bit. I

15 mean, I noted antennas installed on or within a support

16 structure that may have a significant height.

17 BILL CHEN: Okay. So for --

BILL LANDFAIR: (Inaudible). 18

19 BILL CHEN: Just so I'm clear, your first one is size 20 and scale?

21 BILL LANDFAIR: Right. Size, scale, and scope of the

22 -- the use. And this speaks to any conditional use.

BILL CHEN: Did you have anything to do with the

24 equipment platform and the equipment cabinets for this

25 conditional use?

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87 BILL LANDFAIR: Can I speak to what constitutes them TAMMY CITRAMANNIS: Correct. or how they work? No, I can't. 2 BILL CHEN: Thank you. Parking. 3 BILL LANDFAIR: Parking. BILL CHEN: And the location? BILL LANDFAIR: Yes, only insofar as they are located 4 BILL CHEN: As I understand your testimony, the modification of the special exception will not change the within the fenced enclosure --BILL CHEN: That's all you know about it. amount of off-street parking that will be provided, but it BILL LANDFAIR: -- that would be about 35 feet. will be relocated. Correct. 8 BILL LANDFAIR: Yes, it will be. BILL CHEN: Okay. Apparently, you mentioned cabinets BILL CHEN: And where will it be relocated? 10 before --10 BILL LANDFAIR: It will be relocated to an area, I BILL LANDFAIR: Right. 11 believe --11 BILL CHEN: -- and generator. I take it that 12 MALE VOICE: We can't hear him. 13 information you received from some other witness. 13 BILL LANDFAIR: I'm sorry. To an area adjacent to the BILL LANDFAIR: That's correct. 14 tennis courts. BILL CHEN: Okay. Okay. So you're not the right BILL CHEN: It's in the area where the site begins 15 15 16 person to make inquiry about these matters? 16 that steep sloping, is that correct? BILL LANDFAIR: No. 17 BILL LANDFAIR: Correct. 18 BILL CHEN: Okay. There are a couple of places in 18 BILL CHEN: By the way, as I understand the 19 your report, and this, Counsel, goes to an objection I 19 application and the enclosure area, that with the approval 20 raised earlier about statements that you make about the 20 of this conditional use, the applicants, or certainly 21 area has a need for such facility. I -- I take it to the 21 Verizon, will have the authority to add two additional 22 extent I raised that issue earlier and I think the examiner 22 carriers. Is that right? 23 sustained that this was --23 BILL LANDFAIR: Correct. 24 TAMMY CITRAMANNIS: Yeah, I did. BILL CHEN: And that also means that there is a change 25 BILL CHEN: Okay. I take it then that the report 25 in the enclosure area. Is that correct? 86 88 1 should be likewise considered by the Hearing Examiner that 1 BILL LANDFAIR: That's correct. 2 that type of statement does not go to the expertise of this BILL CHEN: You've addressed that in your report as I 2 witness. Is that correct? 3 recollect. TAMMY CITRAMANNIS: In his report he --4 BILL LANDFAIR: Right. BILL CHEN: He made -- he makes statements about need, 5 BILL CHEN: Tell us what will happen upon the addition 6 yes. On Page 8 and Page 11, for instance, he states that, of their two additional carriers to that enclosure area. comparable to what he was about to say in his testimony BILL LANDFAIR: Right. That -- that enclosure will expand further to the west. My understanding is that it 8 about it, filling in a need for such facility and --BILL LANDFAIR: Gaps in service, I think it is. 9 will not necessarily expand to a size that's double what it 10 10 is today, which is 20 feet by 35 feet, but that it will BILL CHEN: Yeah. CATHY BORTEN: We're not offering necessarily, Mr. 11 have to expand in some amount to accommodate the cabinets 12 Landfair as an expert in that; it is part of the 12 for those two additional arrays of antennas. 13 information that he receives in analyzing the proposed use BILL CHEN: And I believe, in your report you 14 --14 identified that size. Aren't I correct on that? 15 TAMMY CITRAMANNIS: Okay. 15 BILL LANDFAIR: I might have. CATHY BORTEN: -- of the area. 16 BILL CHEN: I thought you did. 16 17 BILL CHEN: So okay. 17 BILL LANDFAIR: Yeah. BILL CHEN: Thought I had (inaudible) marked. 18 TAMMY CITRAMANNIS: Okay. 18 19 BILL CHEN: So accordingly --19 BILL LANDFAIR: I'm thinking it was 20 feet by --20 TAMMY CITRAMANNIS: Yes. 20 BILL CHEN: (Inaudible) 21 CATHY BORTEN: Our committee report (inaudible). 21 BILL LANDFAIR: -- 25, 30 feet. 22 BILL CHEN: -- the Examiner's understanding of this BILL CHEN: Give me one second. 23 report --23 BILL LANDFAIR: Okay. I'm fairly sure we have an 24 TAMMY CITRAMANNIS: Right. 24 exhibit that actually shows that delineation. Yeah, it's -25 BILL CHEN: -- is adjusted by that. 25 - it doesn't give a (inaudible) though.

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Transcript of Hearing - Day 1

Conducted on September 26, 2017

- BILL CHEN: Give me one second. I apologize
- (inaudible) Madam Examiner. Just give me --
- BILL LANDFAIR: It will be the same (inaudible).
- BILL CHEN: I believe --
- 5 BILL LANDFAIR: (Inaudible).
- 6 BILL CHEN: I believe --
- BILL LANDFAIR: Is the length of that I'm unsure of.
- BILL CHEN: I think it's an additional 20 feet by 29
- 9 feet; does that sound right to you?
- BILL LANDFAIR: That sounds about right, yeah.
- CATHY BORTEN: What page are you referring to? 11
- BILL CHEN: I'm looking at the justification. I
- 13 couldn't find it in this report.
- CATHY BORTEN: Oh, okay.
- BILL CHEN: But I -- I think it's in there somewhere, 15
- 16 but the witnesses just confirmed that I've got the right
- 18 BILL LANDFAIR: I -- I think that's right.
- 19 BILL CHEN: And how many additional parking spaces 20 will it take out?
- BILL LANDFAIR: At 29? Well, each parking space is
- 22 about $8\frac{1}{2}$ feet in width. So it would be $8\frac{1}{2}$ by 24 would be -
- 23 at least four spaces I think would be affected.
- 24 BILL CHEN: Are those four spaces shown on exhibit --
- 25 CATHY BORTEN: Objection. Just real quick. We have

- 1 the engineer --
- TAMMY CITRAMANNIS: Oh, okay. 2
- CATHY BORTEN: -- who signed and sealed the plans and
- he will be testifying to --
- TAMMY CITRAMANNIS: Okay.
- 6 CATHY BORTEN: -- the technicalities --
- TAMMY CITRAMANNIS: Yeah.
- CATHY BORTEN: -- on the plan.
- TAMMY CITRAMANNIS: Does that work?
- 10 BILL CHEN: Yeah, that -- that works for me. I --
- CATHY BORTEN: That's beyond --11
- BILL CHEN: I just said he was testifying about these
- 13 matters and I think it's fair cross-examination, but
- 14 certainly if they
- 15 --
- 16 BILL LANDFAIR: No, that's -- that's fine.
- BILL CHEN: -- have another witness that has the
- 18 information, that's fine by me.
- TAMMY CITRAMANNIS: Yeah, I --
- BILL LANDFAIR: I'm referencing the Site Plan. It 20
- 21 actually shows three spaces that are affected.
- TAMMY CITRAMANNIS: Okav. 22
- 23 BILL LANDFAIR: Yeah.
- 24 TAMMY CITRAMANNIS: And I think that's -- that's a
- 25 good point that you have somebody else who can give -- give

- 1 you finer details. You know, he has the overview.
- BILL CHEN: So I can -- there will be somebody else
- who I can get into --
- TAMMY CITRAMANNIS: That's what --4
- 5 BILL CHEN: -- and that type of stuff.
- TAMMY CITRAMANNIS: Ms. Borten just --6
- 7 BILL CHEN: Okay.
- TAMMY CITRAMANNIS: -- confirmed.
- BILL CHEN: Well, it dovetails with the modification
- 10 of the special exception. That's -- that's why I --
- TAMMY CITRAMANNIS: Okay. 11
- 12 BILL CHEN: Where I was going with this. And this
- 13 tournament has been identified as the parking expert.
- CATHY BORTEN: Where? 14
- 15 BILL CHEN: It's in their prehearing statement they
- 16 filed. It's where he's listed as William Landfair, VIKA
- 17 LLC. And I -- and he goes on to say, Mr. Landfair will
- 18 testify that telecommunications tower use meets yada, yada,
- 19 yada. Specifically, he will provide testimony as to how
- 20 the use complies with sections 6.25 parking. I mean, that
- 21 ---
- TAMMY CITRAMANNIS: And I think he did testify to 2.2.
- 23 that.
- 24 CATHY BORTEN: He did.
- 25 BILL CHEN: Yeah, that's why I'm getting into this.
- 1
 - TAMMY CITRAMANNIS: (Inaudible).
 - BILL CHEN: Because with the expansion, it has an 2
 - implication --
 - TAMMY CITRAMANNIS: But --
 - 5 BILL CHEN: -- for most of the parking spaces.
 - CATHY BORTEN: He's testified to whether this parking
 - 7 required for the use which is what -- and he is testified
 - that there is no parking required --
 - 9 TAMMY CITRAMANNIS: Right.
 - CATHY BORTEN: -- for this use. Meaning, when you 10
 - 11 apply for use, they may say to you, well, in order to serve
 - 12 the use, you need to have this many parking spaces. That's
 - 13 what he's testifying to.
 - 14 TAMMY CITRAMANNIS: Okay. I mean --
 - 15 BILL CHEN: Well, just so I'm clear on this, because
 - 16 as part of his direct testimony, he testified that on the
 - 17 modification of the special exception, the only impact will
 - 18 be to change the parking.
 - 19 TAMMY CITRAMANNIS: Correct. He did say that.
 - 20 BILL LANDFAIR: I did, yeah.
 - BILL CHEN: Now, where I'm trying to go with this, and
 - 22 I think it's logical, is; okay, how many spaces are going
 - 23 to be lost and where are they going to be located?
 - 24 TAMMY CITRAMANNIS: I think that's -- yeah.
 - 25 BILL CHEN: That's what I'm trying to get to.

Transcript of Hearing - Day 1 Conducted on September 26, 2017

TAMMY CITRAMANNIS: But I think he's (inaudible)

- 2 BILL LANDFAIR: We would plan to --
- TAMMY CITRAMANNIS: (Inaudible).
- BILL LANDFAIR: Three -- three spaces, as shown on the
- Site Plan, would be affected. And I think our plan would
- be, when the time comes, to relocate those spaces to the
- area behind the tennis courts where we are already
- relocating the other parking spaces.
- BILL CHEN: Okay. Now, if I knew that and certainly 10 if you have another witness that can address this, that's
- 11 fine. But does the depiction on exhibit (inaudible). I
- 12 apologize (inaudible) my site. I can't read it. Does the
- 13 depiction of the parking space relocation on Exhibit 145C,
- 14 which I understand is actually C1; does the depiction of
- 15 the additional parking spaces over in that area in the
- 16 north where the steep slope begins is that depiction of
- 17 additional parking or relocated parking include the parking
- 18 that would be lost by the expansion of the enclosure area?
- BILL LANDFAIR: It's showing eight spaces and there is
- 20 a notation on the plan that says, new parking lot
- 21 extension, eight new spaces. And I think it's implied that
- 22 that would address the three spaces lost to future
- 23 expansion for co—location as well as the four spaces that
- 24 are affected by the use that we are discussing today.
- BILL CHEN: Okay. So it's your testimony that the new
- 1 located spaces take into consideration both the proposal 1
- with the 700 square foot enclosure, plus and including the
- expansion.
- BILL LANDFAIR: Correct.
- BILL CHEN: Okay. By the way, you talked about the
- road system around the conditional use.
- BILL LANDFAIR: Yes.
- BILL CHEN: There is a problem on Seven Locks Road
- 9 isn't there, sir?
- 10 BILL LANDFAIR: In terms of --
- 11 BILL CHEN: Congestion --
- 12 BILL LANDFAIR: -- congestion?
- 13 BILL CHEN: -- going back to Montrose. That's pretty
- 14 well known, isn't that right, sir?
- 15 BILL LANDFAIR: Yes. Yes.
- BILL CHEN: Same thing on 270, which is just about two 16 17 lights away.
- 18 BILL LANDFAIR: Yes.
- BILL CHEN: By the way, you also mentioned that in
- 20 this enclosure area, it's going to be a chain-link fence --
- 21 BILL LANDFAIR: Correct.
- 22 BILL CHEN: -- with slats.
- BILL LANDFAIR: Green slats, right, that are inserted
- 24 into the chain links to help further mitigate the view of
- 25 the equipment itself, the cabinets and such. Candidly,

- 1 it's going to benefit primarily, the visitors to the pool
- -- it won't provide a lot of additional mitigation off-
- site, but it's really designed just as a further measure of
- mitigation of the cabinet area.
- BILL CHEN: I was a little bit confused in your report
- because I think you, at one place you said what you just
- say, but I thought in another place it sounded like you
- were -- they were alternating slats or (inaudible).
- BILL LANDFAIR: Well, by alternating, I mean the slabs
- 10 when they're inserted into the chain-link; they are
- 11 alternated between the links themselves.
- BILL CHEN: Ah, okay.
- 13 BILL LANDFAIR: They are just simply slipped into the
- 14 chain-link.
- 15 BILL CHEN: Thank you.
- BILL LANDFAIR: And it's just suspended there. 16
- 17 BILL CHEN: You also mentioned that there would be
- 18 landscaping installed on the northern side.
- 19 BILL LANDFAIR: Correct.
- 20 BILL CHEN: What is being proposed?
- 21 BILL LANDFAIR: I think we have a landscape plan.
- BILL CHEN: Oh, is that another -- wait a minute. Is 2.2.
- 23 that another witness?
- 24 CATHY BORTEN: Mr. Siverling was going to testify --
- 25 BILL CHEN: Fine. We can --
 - CATHY BORTEN: -- as he worked on that plan.
- BILL CHEN: We can deal with that. 2
- 3 TAMMY CITRAMANNIS: Okay.
- 4 CATHY BORTEN: Thank you.
- 5 BILL CHEN: That's fine.
- BILL LANDFAIR: But it is located along the northern
- edge of the property.
- BILL CHEN: Okay, but the -- this other gentleman will
- 9 address it. That's fine. You also testified that the
- 10 modification of a special exception to permit another
- 11 special exception on the same site, is authorized.
- BILL LANDFAIR: It's allowed, yes.
- 13 BILL CHEN: Allowed. Where is that allowed?
- 14 BILL LANDFAIR: I believe it's allowed under the
- 15 zoning ordinance.
- 16 BILL CHEN: Can you give us the provision?
- 17 BILL LANDFAIR: Given time. I don't have my ordinance
- 18 with me, but --
- 19 BILL CHEN: Okay.
- 20 BILL LANDFAIR: Yeah.
- 21 BILL CHEN: Okay. I -- fine.
- 22 TAMMY CITRAMANNIS: Where --
- 23 BILL CHEN: I have no problem --
- 24 TAMMY CITRAMANNIS: Where do you (inaudible).
- 25 BILL CHEN: -- if the gentleman wants to get it and

99 1 just let us know through counsel, the specific section of 1 off-site. the zoning ordinance that he is relying upon. BILL CHEN: I'm -- I'm looking at I don't -- I suspect TAMMY CITRAMANNIS: What page are you referring to? 3 you do not have the ordinance in front of you, but I just BILL CHEN: Well, his testimony this morning was that 4 want to make sure you and I and the zoning ordinance are in you can have two special exceptions on the same site. And accord. But as I read, and this is section, counsel, I just asked, what's the authority for that. And he said 3.5.2.C.I, entitled, defined. It says, as I understand it 7 8 TAMMY CITRAMANNIS: Okay. 8 TAMMY CITRAMANNIS: You want to give it to him to read 9 it? BILL CHEN: -- there is a provision in the zoning 10 ordinance. He doesn't have his ordinance with him right 10 BILL CHEN: Sure. Mr. Landfair, do you mind? 11 now so I got him off-base. And I said, look, just provide BILL LANDFAIR: Yeah. 11 BILL CHEN: Limited capability; I'm handing you a copy 12 it and give it to counsel so we can have what that section 13 is. 13 right off the Internet. Or the electronic version of the TAMMY CITRAMANNIS: Okay. Thank you. You don't know 14 new zoning ordinance, unfortunately. 15 all the numbers of the zoning ordinance? BILL LANDFAIR: Right. 15 BILL LANDFAIR: Um --BILL CHEN: The section I just identified let me hand 16 17 TAMMY CITRAMANNIS: If they add one more B 17 it to you. And I think it contains the definition. And 18 (inaudible). 18 what I'm interested in is what physically constitutes a 19 BILL LANDFAIR: Yeah, yeah, it's -- I should because 19 telecommunications tower conditional use. 20 it's -- the ordinance is a lot smaller than it used to be 20 BILL LANDFAIR: You want me to read it to you as 21 and ironically, I think I knew the old ordinance better 21 defined? GREG DIAMOND: Objection. The ordinance speaks for 22 than the new ordinance. But it's a lot of verbiage. A lot 22. 23 of stuff. 23 itself. BILL CHEN: What is the definition of the conditional 24 CATHY BORTEN: The ordinance speaks for itself. 25 use that's before the examiner? 25 BILL CHEN: Okay. Well-100 98 BILL LANDFAIR: What is the definition? TAMMY CITRAMANNIS: Yeah. 1 BILL CHEN: All right. Then, I'm looking at --2 BILL CHEN: Yeah. 2 BILL LANDFAIR: For a telecommunications facility? 3 (Crosstalk) BILL CHEN: Yeah, what is -- what is it? What does it 4 BILL CHEN: Somebody asked me and I was just trying to 5 consist of? What's the definition of this? Tell us what make it easy. 6 TAMMY CITRAMANNIS: Yeah, but you are asking me to --6 CATHY BORTEN: Just testified to what's -- what has BILL LANDFAIR: It is a facility that provides for telecommunications. In other words, it includes -been available. BILL CHEN: Let me -- let me help you for minute. 9 TAMMY CITRAMANNIS: -- And define it. It is defined. 10 BILL LANDFAIR: -- in some elements --10 Is there a question about the definition for him? BILL CHEN: I'm not --BILL CHEN: Yeah, I do. Yeah, I do. Sure. 11 11 TAMMY CITRAMANNIS: (Inaudible) wants to verify or 12 BILL LANDFAIR: Right. 12 BILL CHEN: I'm not trying to trick you. I just 13 have a different understanding. 14 physically --BILL CHEN: I was just reacting to it. I thought it 15 BILL LANDFAIR: Right. 15 was (inaudible), but that's okay. BILL CHEN: What does this conditional use consist of? TAMMY CITRAMANNIS: I did say it. 16 BILL LANDFAIR: Okay. It consists of antennas which 17 BILL CHEN: As I understand it, the conditional use 18 are affixed to a support structure and in addition, in 18 consists of the supporting structure and related equipment. 19 support of that support structure, there are cabinets and a 19 Is that right? 20 power source, a backup power source. The cabinets, the 20 BILL LANDFAIR: Correct. 21 power source, and the sort structure are typically located 21 BILL CHEN: Okay. 22 within an enclosed, secured compound. Support structure 22 BILL LANDFAIR: Yeah. 23 23 typically, it is a monopole type structure, but it can also BILL CHEN: So we're not just talking about a tower or 24 be other types of structures. In this case, it's a tree 24 a monopole, we are talking about the, quote, related 25 pole for the purposes of further mitigating the view from

25 equipment.

BILL LANDFAIR: Yes.

BILL CHEN: And that related equipment needs to be

within an enclosed area.

BILL LANDFAIR: Yes. Yeah.

BILL CHEN: And you've identified that some of that

equipment includes a generator in this case.

BILL LANDFAIR: Or a power source. It's a generator

in this instance, yes.

BILL CHEN: Okay. And again counsel, this is not the 10 right witness. No, I'll save it. But do you know the

11 size.

CATHY BORTEN: We don't know the questions. 12

13 BILL CHEN: Okay.

14 CATHY BORTEN: If you've got questions --

15 BILL CHEN: Yeah, I've got --

CATHY BORTEN: -- specifically about the generator, I 16

17 have -- the engineer will testify regarding the generator.

BILL CHEN: Okay. Let me see where this goes. You

19 mentioned the generator.

20 BILL LANDFAIR: Yes.

21 BILL CHEN: Okay. What's the size of the generator?

22 BILL LANDFAIR: I don't know.

23 BILL CHEN: What are the other equipment that will be

24 within the enclosed area?

BILL LANDFAIR: Cabinets, switching gear for the tower

1 asked, sir, because at Pages 16 and 17, you say that the --

as shown, the submitted site plan, the equipment compound

has sufficient area to accommodate all necessary equipment

for the applicant and identifies an area for equipment for

future carriers should any co-locate. I take it your --

the basis for that statement is information you've obtained

from someone else.

BILL LANDFAIR: Correct.

BILL CHEN: Did you have any involvement, sir, in

10 preparing the request for the setback waiver?

BILL LANDFAIR: Only in terms of general consultation

12 with our legal counsel, but I did not prepare the actual

13 waiver request. So I'm familiar with the waiver request.

BILL CHEN: You are familiar with the waiver?

15 BILL LANDFAIR: I am familiar with the waiver request.

BILL CHEN: And I take it that was your input in

17 assisting the applicant with the setback waiver request; it

18 was telling them how to do it.

19 (00:58:17) MR. SAVARD: Objection.

20 BILL CHEN: Well, I'm just trying to --

21 TAMMY CITRAMANNIS: Rephrase or --

BILL CHEN: Okay. Can you tell us what -- what was 2.2.

23 your input in (inaudible)?

BILL LANDFAIR: The input was consultation with

25 Technical Staff and then also consultation in terms of

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1 itself.

2 BILL CHEN: Do you know the sizes of any of those

things?

BILL LANDFAIR: We have exhibits that actually

accurately define them. They're not -- they're not very

6 large. They -- they are small cabinets, self-contained. I

would guess they are maybe typically, five feet by six feet

8 by three feet, but --

TAMMY CITRAMANNIS: (Inaudible).

CATHY BORTEN: I would rather not have Mr. Landfair

11 testify if he can't answer the questions.

TAMMY CITRAMANNIS: You don't need to be guessing.

13 BILL LANDFAIR: Well, we have exhibits that I could

14 refer to that would actually --

BILL CHEN: But they're going to come in through

16 another witness. Is that right?

17 CATHY BORTEN: Yes.

BILL CHEN: Okay. Did you have anything to do sir,

19 with establishing the size of the enclosure areas?

20 BILL LANDFAIR: No.

BILL CHEN: Okay. Do you know, sir, what type of

22 equipment will be located within the expanded enclosure

23 area?

24 BILL LANDFAIR: No.

25 BILL CHEN: It's easy. Now, the last question I creation of exhibits that would clarify the waiver itself.

And just general review and debate as to the merits of the

waiver and how best to proceed with the waiver.

4 BILL CHEN: What was your consultation with the Staff?

And when you say staff, I presume you're talking about the

6

BILL LANDFAIR: Technical Staff--

8 BILL CHEN: -- Technical Staff

9 BILL LANDFAIR: -- Of the Planning Department, right.

BILL CHEN: What was that consultation about? 10

11 BILL LANDFAIR: That was a meeting with Staff to

12 discuss ---

13 BILL CHEN: When?

14 BILL LANDFAIR: I will have to defer to my legal

15 counsel in terms of the date. It's been -- it's been

16 months.

17 TAMMY CITRAMANNIS: Before the amended application?

BILL LANDFAIR: Before the amended application. 18

19 BILL CHEN: Okay. Go ahead.

BILL LANDFAIR: It was a meeting with Staff to discuss 20

21 the merits of the waiver, whether the waiver was truly

22 justified, and then if found to be justified and we decided

23 to proceed with it -- in terms of how best to describe it

24 both in terms of supporting documents and any plans or

25 exhibits that would display it on a plan.

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Conducted on September 20, 2017				
105	107			
1 BILL CHEN: Did that meeting in any way involve the	1 within the setback area on the side that has been depicted			
2 information that is contained in an email that Mr. Estes of	2 on the plants?			
3 the Staff has issued relative to what could be placed	3 BILL LANDFAIR: I don't think so.			
4 within the setback area?	4 BILL CHEN: Okay.			
5 MR. SAVARD: Objection.	5 BILL LANDFAIR: I don't recollect			
6 BILL LANDFAIR: I don't know.	6 BILL CHEN: That's a good answer.			
7 GREG DIAMOND: He's asking him to comment on an email	7 BILL LANDFAIR: Yeah.			
8 that	8 BILL CHEN: I mean, if you weren't involved in that, I			
9 BILL LANDFAIR: I I	9 I			
10 GREG DIAMOND: He doesn't have in front of him.	10 GREG DIAMOND: I object to the characterization of his			
11 BILL CHEN: Okay.	11 answer as a good answer. It's a truthful answer.			
BILL LANDFAIR: I'm not sure I've seen the email.	12 TAMMY CITRAMANNIS: Sustained.			
13 TAMMY CITRAMANNIS: (Inaudible).	13 BILL CHEN: I I'll take a truthful, good answer.			
14 BILL CHEN: Okay. Let let I'll get it.	14 Actually, Madam Examiner, I must tell you, I don't think			
15 TAMMY CITRAMANNIS: Take a breath and	15 that this email appears to be identified in the submission.			
	16 I'll double check it			
17 TAMMY CITRAMANNIS: (Inaudible). Has it been marked?	17 TAMMY CITRAMANNIS: Okay.			
18 BILL CHEN: It's a sub exhibit of the August one of	18 BILL CHEN: in the break, but			
19 the August 25 letters, I believe. Give me a minute and	19 TAMMY CITRAMANNIS: Okay.			
20 I'll get it.	20 BILL CHEN: I don't think it is identified. I			
21 TAMMY CITRAMANNIS: So your query is whether he was	21 I've thought I would have thought it would have gone in			
22 part of that email or that email was the result of	22 with 179, Madam Examiner.			
23 BILL CHEN: Yeah.	23 TAMMY CITRAMANNIS: Okay. Well, we can check in after			
24 GREG DIAMOND: Is his name on the email?	24 the break.			
25 BILL CHEN: Well, I'm I'm just trying to find out	25 BILL CHEN: Yeah, I			
25 BILL CILLY. Well, Till Till just dyling to lind out	25 BILL CHLA. Tour, 1			
25 BILL CHLAV. Well, THI THIJUST USING TO HIM OUT	108			
106	108			
1 what happened at the meeting and what came out of the	108 1 TAMMY CITRAMANNIS: Check it during the break and			
106 1 what happened at the meeting and what came out of the 2 meeting. 3 GREG DIAMOND: It's his is his name on the	108 1 TAMMY CITRAMANNIS: Check it during the break and 2 we'll circle back for a moment.			
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Transcript of Hearing - Day 1 Conducted on September 26, 2017 1 thinking of a question now that you haven't heard, please CHERYL WETTER: Nothing has changed since the original 1 2 pass it to Mr. -- Mr. Chen. Okay, Ms. Wetter. CHERYL WETTER: Cheryl Wetter. Mr. Landfair, in your BILL LANDFAIR: I -- and when you speak of the original exception, you're speaking of the application for 4 consultation with Park and Planning, what changed it in 4 their mind about being able to suddenly put parking spaces the pool? where you're going to relocate? And let me back-step back CHERYL WETTER: Yes. to 1975 and '76 when we did this originally. BILL LANDFAIR: Okay. And I -- I just don't have that 8 CATHY BORTEN: Objection. 8 kind of history in terms of --CHERYL WETTER: Yeah. CHERYL WETTER: Okay. BILL LANDFAIR: -- in the past what Staff has found 10 CATHY BORTEN: Mr. Landfair can't testify to what was 10 11 in Planning Staff's mind and there has been no testimony 11 reasonable and objected to regarding parking. I just don't 12 that there was a discussion in that regard. 12 have that --13 TAMMY CITRAMANNIS: Okay. And can you make the CHERYL WETTER: Is it possible then that we still 13 14 sentence shorter. I mean, I'm -- what are you --14 require the same number parking spaces, but if this doesn't CHERYL WETTER: Well, he said he -- that you had 15 pass because they can't install them there, that this is 15 16 discussions with Park and Planning over this land plan. 16 all for naught? Is it possible that you can't relocate

17 BILL LANDFAIR: Mm-hmm (affirmative).

18 TAMMY CITRAMANNIS: Was you answer yes?

19 CHERYL WETTER: And --

20 BILL LANDFAIR: The answer was yes, sorry.

21 CHERYL WETTER: Okay. All right. Originally, we were

22 short on parking spaces and we had to configure a little

23 bit to get enough in based on having a membership of 350.

24 We tried to put them on extra spaces down below the tennis

CATHY BORTEN: Objection. She's testifying.

25 --

25 or just the general proximity to neighboring properties. I

24 objection might be in terms of setbacks or land disturbance

23 we object, but I don't know what the grounds of that

17 parking spaces? Are you aware that you can or possibly

20 preventing, physically the relocation the spaces.

CHERYL WETTER: What --

BILL LANDFAIR: In our opinion, there is nothing

BILL LANDFAIR: Staff could come back and suggest, no,

TAMMY CITRAMANNIS: You need to ask questions because 2 2

3

4 CHERYL WETTER: Okay.

5 TAMMY CITRAMANNIS: -- I understand what you're trying

6 to do.

CHERYL WETTER: All right.

TAMMY CITRAMANNIS: But they have to be in the form of

10 CHERYL WETTER: So were you aware that we couldn't get

11 parking before?

TAMMY CITRAMANNIS: Okay. 12

13 CHERYL WETTER: Were you aware that we couldn't get --

14 TAMMY CITRAMANNIS: That's (inaudible) not me. But

15 just -- I know it's difficult because you want --

CHERYL WETTER: Sorry.

17 TAMMY CITRAMANNIS: -- to testify. This is questions

18 only.

CHERYL WETTER: Okay. Okay. I'm sorry. 19

TAMMY CITRAMANNIS: And you will be able to, when you

21 do give your testimony, add that information. So --

CHERYL WETTER: Has something changed that allows now,

23 for parking spaces to be installed to the west of the

24 tennis courts?

BILL LANDFAIR: Not that I'm aware of, no.

don't understand why they would have a problem with the

location of those spaces.

CHERYL WETTER: Are you aware that they originally did

4 have --

18 cannot?

21

110

5 BILL LANDFAIR: No.

6 CHERYL WETTER: -- an objection?

7 BILL LANDFAIR: No.

CHERYL WETTER: Okay. Is the land in your -- well,

9 let me go to another question. Is 24 foot allowable for

10 emergency vehicles --

11 TAMMY CITRAMANNIS: Say that again.

CHERYL WETTER: -- to access the far end of the 12

13 property? Because you've now reduced the driveway to ---

14 TAMMY CITRAMANNIS: I didn't hear the amount. What --

15 CHERYL WETTER: Twenty-four feet --

16 TAMMY CITRAMANNIS: (Inaudible).

17 CHERYL WETTER: -- allowable, is that -- by land use,

18 is that acceptable for --

19 BILL LANDFAIR: Twenty feet is the minimum.

20 CHERYL WETTER: Twenty feet is the minimum --

21 BILL LANDFAIR: So 24 feet --

22 CHERYL WETTER: Okay, thank you.

23 BILL LANDFAIR: -- is acceptable. Okay. And if

24 lighting is required, has anyone, in your knowledge

25 (inaudible).

113 115 CATHY BORTEN: Objection. He has testified that 1 the zoning hearing examiner and it is not. And that is -lighting is not going to be required. that is the foundation of the question. BILL LANDFAIR: (Inaudible). CHERYL WETTER: That is not the foundation of my TAMMY CITRAMANNIS: Well, let's just let her finish 4 question. the question because I think --5 TAMMY CITRAMANNIS: Okay. It's --CHERYL WETTER: All right. CHERYL WETTER: The foundation my --6 (Crosstalk) TAMMY CITRAMANNIS: My -- what I'm hearing, and then 8 CHERYL WETTER: My question is, whether anybody has -we will decide on your objection; is that you're asking, is TAMMY CITRAMANNIS: (Inaudible). this a factor, the fact that if you put the pole in, the 10 CHERYL WETTER: -- verified whether there will be 10 property use people are going to leave and then it's no 11 lighting required on this 80-foot pole. Has anyone 11 longer a swimming pool. Does he consider that to be in 12 inquired as to whether there will be lighting required by 12 inherent or non-inherent, adverse effect. 13 the FAA? 13 CHERYL WETTER: Correct. BILL LANDFAIR: I'm not aware of it. I will have to 14 TAMMY CITRAMANNIS: Did I get that right or --15 defer to our engineer who could speak to that when --15 CHERYL WETTER: Correct. Right. Correct. CHERYL WETTER: Okay. So at this point, you cannot TAMMY CITRAMANNIS: Okay. And I think he said, no, 17 make a statement that lighting will not be required? 17 and I don't know that there is -- it is not a factor and I 18 BILL LANDFAIR: That's correct. 18 don't know that there is anything more you can go beyond 19 CHERYL WETTER: Okay. And also, do you believe that 19 that. 20 the -- is it true that the land is less stable after 20 CHERYL WETTER: Well, only back to the land use as 21 digging out a facility? You refer to the facility's --21 proposed and approved by Montgomery County, that this was 22 to draw a community together and if -- if it does not, if 22. CATHY BORTEN: Objection. 23 CHERYL WETTER: -- sight. 23 it is not allowed to do that anymore because people will 24 CATHY BORTEN: He is not testifying as an engineer. 24 not stay here, do you see that --25 TAMMY CITRAMANNIS: Sustained. TAMMY CITRAMANNIS: I think that -- I think that that 114 116 CHERYL WETTER: Okay. 1 is an argument that you can make to me --TAMMY CITRAMANNIS: I'm not sure I've heard anything CHERYL WETTER: Okay. 2 about his knowledge regarding stability of the ground or TAMMY CITRAMANNIS: -- that you think it is a nonanything like that --4 inherent adverse effect. He has said, no, and I -- I agree 5 CHERYL WETTER: Okay. with counsel that --6 TAMMY CITRAMANNIS: -- and the land opening. CHERYL WETTER: Okav. CHERYL WETTER: Okay. TAMMY CITRAMANNIS: -- that it's -- it is not a -- it TAMMY CITRAMANNIS: So that might be a question for 8 is not a factor, but it doesn't mean that you can't argue 9 somebody else if it's relevant. 9 it. CHERYL WETTER: Okay. Would you consider it a non-10 CHERYL WETTER: Okay. 11 inherent, adverse effect if people left the pool facility 11 TAMMY CITRAMANNIS: So --12 because of this tower and the pool failed? Would that be a CHERYL WETTER: Somewhat traveling parallel to this, 13 non-inherent, adverse effect to the community? 13 when you referred to Bullis and Avenel on the third one on BILL LANDFAIR: No. 14 that --CATHY BORTEN: Objection. It would be -- I'm sorry. 15 15 BILL LANDFAIR: Yeah. CHERYL WETTER: -- those are not seen as the same as a 16 I withdraw. CHERYL WETTER: It would not be? 17 voluntary community association that's been set aside. BILL LANDFAIR: I -- I don't understand the connection CATHY BORTEN: Objection. That's testimony. 18 19 in terms of -- of the non-inherent effect. In other words 19 TAMMY CITRAMANNIS: Is that a question? Put it in the 20 --20 form of a question. CHERYL WETTER: But is not necessarily something that 21 CHERYL WETTER: Right. Do you see those as different

23

24

25

BILL LANDFAIR: The nature of those three uses --

BILL LANDFAIR: -- do I see them as similar to this

CHERYL WETTER: Right.

22 you immediately --

GREG DIAMOND: So here is the basis of the objection.

24 The suggestion is the sustained -- the economic

25 sustainability of a pool is a relevant consideration for

117 119 use? 1 use, quasi-eleemosynary, I think is the term. That 2 property is similar in size to the property of the pool CHERYL WETTER: To East Gate. 3 BILL LANDFAIR: No, I don't. 3 here, but of course the nature of the VFW operations is CHERYL WETTER: Okay. So they are different somewhat different than the swimming pool. And I would say situations. 5 is a much more typically, passive type use than the BILL LANDFAIR: Yeah. community pool (inaudible). 6 CHERYL WETTER: Okay. And when you referred to the SUSAN LEE: All right. You know what the -- the base inherent, adverse effects, and you just quickly went over zoning is: are they R200? RF emissions and I know this is not something we address, BILL LANDFAIR: They are -- they are residentially 10 but the -- the FCC's guidelines for that, is that based on 10 zoned. I might actually have the zoning in my notes here 11 adults or is that based on children? 11 if you give me just one second. I'm sorry. I don't. I 12 just know they are residentially zoned. I can confirm that CATHY BORTEN: Objection. 13 BILL LANDFAIR: I can't speak on that. 13 for you. 14 CATHY BORTEN: That goes beyond the scope. 14 SUSAN LEE: That's all. Thank you. TAMMY CITRAMANNIS: Okay. So now would be an -- you 15 CHERYL WETTER: Okay. Okay. 15 TAMMY CITRAMANNIS: Sustained. 16 16 have questions? BILL CHEN: Well, I've been handed --17 CHERYL WETTER: Okay. Okay. Let me see what else I 17 18 have. Can you testify as to the stability of a tower with 18 TAMMY CITRAMANNIS: People have passed their questions 19 branches and without branches? 19 up to Mr. Chen? CATHY BORTEN: Objection. 20 BILL CHEN: I -- I -- yeah. I've got --21 CHERYL WETTER: Okay. 21 TAMMY CITRAMANNIS: Okay. BILL CHEN: Somebody handed me something. 2.2. BILL LANDFAIR: No. 22. TAMMY CITRAMANNIS: Okay. So who's passed their --23 CHERYL WETTER: That's for someone else? Okay. 23 24 24 BILL CHEN: Well, I --(Crosstalk) 25 CHERYL WETTER: So they did not to take into 25 TAMMY CITRAMANNIS: -- questions up to Mr. Chen? 118 120 1 consideration or change anything when they changed the 1 BILL CHEN: I may be able to short-circuit it if I configuration of the pole? may. They go to fuel and I'm not sure this is the right 2 BILL LANDFAIR: I -- I understand the general witness on fuel. Is that right? 4 principles of the construction, but I'm certainly not TAMMY CITRAMANNIS: They go to what? 5 expert and I didn't speak to it in my testimony --BILL CHEN: (Inaudible). 6 CHERYL WETTER: Okay. 6 GREG DIAMOND: It would be a fine issue for someone BILL LANDFAIR: So I would rather our engineer --7 else. 8 CHERYL WETTER: Okay. 8 CATHY BORTEN: (Inaudible) for someone else. BILL LANDFAIR: -- could speak to it. 9 BILL CHEN: Gotcha. CHERYL WETTER: Okay. That's fine. Okay. I don't TAMMY CITRAMANNIS: Okay. So you will save those 10 11 have anything else. Thank you. 11 questions? TAMMY CITRAMANNIS: Okay. Ms. Lee, do you have any 12 BILL CHEN: Yes, ma'am. 13 questions? TAMMY CITRAMANNIS: Okay. And is there anybody else SUSAN LEE: Just one follow-up. You just stated that 14 in the audience that has a question that you --MALE VOICE: These are for Mr. Chen. Bill, from 15 the three other sites that were approved in the Potomac 15 16 Sub-Region ---16 (inaudible). 17 BILL LANDFAIR: Yeah. 17 BILL CHEN: Can I look at them for a minute to? SUSAN LEE: -- Bullis, the VFW and Avenel were not TAMMY CITRAMANNIS: Yes, look at them for a moment and 19 similar to this site. I wonder if you could expand upon 19 then once you're done with your direct, we will take a few 20 minute break and we will figure out a time to do the lunch 20 that. BILL LANDFAIR: Well, in the case of Avenel and 21 because my goal is that we will stay until 6:00 this 22 Bullis, the properties are significantly larger. The 22 evening. (Inaudible). Is that right? No? Not --23 nature of the uses themselves; Bullis, of course, is a 23 BILL CHEN: (Inaudible). 24 private educational institution. Avenel is a golf course 24 TAMMY CITRAMANNIS: Not the right witness? 25 and the VFW is a charitable, philanthropic institutional BILL CHEN: I have no -- I think -- let me, if I may, 25

121 123 1 a necessary part of that discussion, but he is not the 1 since I've been handed then per your instruction 2 (inaudible). engineer who is designing the site, who is determining the TAMMY CITRAMANNIS: But you agreed. At the beginning setbacks. He is not the -- and I didn't ask for his 4 I asked and you said it was okay. Are you -- are you opinion in that way. So I don't think that that -deciding you don't want that job anymore? BILL CHEN: Well, I think there is another witness, BILL CHEN: That's okay. then I can go along with that. I will save this. The TAMMY CITRAMANNIS: You're so well spoken. engineer apparently is the one who should answer -- who 8 BILL CHEN: Yeah, right. Why don't I just ask the could answer the question. questions and if there is no objection --TAMMY CITRAMANNIS: Well, yeah. I mean, the engineer TAMMY CITRAMANNIS: Right. And if there is an 10 filled out the application. 11 objection, then we will deal with it at that point. 11 BILL CHEN: Okay. BILL CHEN: Is the 24-foot driveway sufficient for 12 12 TAMMY CITRAMANNIS: I mean, I don't know that --13 passing cars? 13 BILL CHEN: I'm -- what I'm doing is marking questions BILL LANDFAIR: Yes. 14 for --14 15 BILL CHEN: Why do you say that? 15 TAMMY CITRAMANNIS: I agree, but I'm just saying that BILL LANDFAIR: The minimum county standard for two-16 I'm not sure -- the relevancy of why it wasn't included. 17 way movement is 20 feet. So I would suggest that 24 feet, 17 It was ultimately included and amended. 18 which is 4 feet wider than the county standard, is 18 CATHY BORTEN: And the motion is --19 19 sufficient. TAMMY CITRAMANNIS: And the fact that it was omitted 20 in the beginning --20 BILL CHEN: Where will the service truck for the 21 conditional park if cars are parked in the adjacent spots? 21 BILL CHEN: Okay. 22. CATHY BORTEN: Objection. 22. CATHY BORTEN: A motion to amend was granted. So --23 BILL CHEN: The adjacent spots --23 TAMMY CITRAMANNIS: Correct. So why it was --24 CATHY BORTEN: I think the engineer will testify to 24 BILL CHEN: Well, this is not like --25 that. 25 TAMMY CITRAMANNIS: No, no. And I'm just telling you 122 124 BILL CHEN: -- adjacent to the enclosure? 1 so --TAMMY CITRAMANNIS: She is saying that the engineer BILL CHEN: But just for the record, okay, I must say 2 2 will be able to testify to that information. I think that this is a fair question. If this is not the BILL CHEN: Okay. So there's a follow up on that but appropriate witness who would have the information to 5 I think will -answer the question, I'm fine with passing over this 6 (Crosstalk) witness as to this question. BILL CHEN: Why wasn't a waiver requested in the 7 TAMMY CITRAMANNIS: If there is a witness out there initial application? 8 that --GREG DIAMOND: Objection. 9 BILL CHEN: Yeah. TAMMY CITRAMANNIS: -- created that document and knows 10 CATHY BORTEN: Objection. TAMMY CITRAMANNIS: I don't know that this is the 11 the answer and you can tell me what the relevancy of it is 12 --12 person who -- so I'm going to sustain that. BILL CHEN: Oh. If I may --13 BILL CHEN: I guess when we get to it, yes. 13 14 TAMMY CITRAMANNIS: I mean --14 TAMMY CITRAMANNIS: That's then we will deal with it. 15 BILL CHEN: He did talk to --15 BILL CHEN: I --TAMMY CITRAMANNIS: -- do you think the land planner 16 TAMMY CITRAMANNIS: But right now I don't think it's 16 17 knows? 17 relevant. BILL CHEN: Well, he did raise the issue of the waiver 18 BILL CHEN: I -- I'm -- I'm with -- I appreciate this 19 and once he --19 witness does not have the basis to answer the question.

23 BILL CHEN: Yeah, but it --

22 about what they were going to testify.

24 TAMMY CITRAMANNIS: Mr. Landfair got to go first and

21 witnesses on the list and I think they were pretty specific

TAMMY CITRAMANNIS: And you -- yeah, they have several

25 so --

20

TAMMY CITRAMANNIS: But the question is, why wasn't it

CATHY BORTEN: Mr. Landfair is only discussing the

21 added in the original application. I don't know if he --

23 waiver in that that is part of the overall site plan. He

25 conditions for the use and, as part of that, the waiver is

24 has testified that we meet the general and specific

125 127 BILL CHEN: In fairness to the --1 have the additional two carriers? 2 TAMMY CITRAMANNIS: Oh, no. BILL LANDFAIR: I don't. BILL CHEN: -- person (inaudible). BILL CHEN: Thank you. Other monopoles were stated to TAMMY CITRAMANNIS: I agree. Fairness to everybody. be taller in the area. Have those poles been enlarged I'm just -- let's do it at the appropriate time. since they have been installed? BILL CHEN: Doesn't the zoning and -- if I may then --BILL LANDFAIR: I don't know the specific history of TAMMY CITRAMANNIS: You can read the question and if those monopoles so I can't speak to whether they been it's objected to, we'll deal with it then. enlarged. BILL CHEN: Exactly. Doesn't the zoning ordinance BILL CHEN: There has been discussion in your 10 require a compound that accommodates equipment for three 10 testimony from you about the roads, traffic, dust, and 11 carriers, not just the -- of a future compound? Not just 11 whatnot, but never -- but there -- you have not discussed 12 the ghost -- ghost -- ghost of a future compound? 12 the construction phase of the installation of the BILL LANDFAIR: The ordinance, no. But the carriers' 13 conditional use and any disturbances that maybe associated 14 needs would suggest that, yes, for security purposes and 14 with that. Do you have any information about that? 15 such, that they will want to have their own enclosed area BILL LANDFAIR: I don't, but we have a witness who 16 to secure their equipment. 16 will be able to speak to that. 17 BILL CHEN: The other carriers? 17 BILL CHEN: Okay. 18 BILL LANDFAIR: Correct. Right. 18 TAMMY CITRAMANNIS: Okay. Is that everybody's 19 BILL CHEN: So they won't be Verizon compound, it will 19 questions? Gentleman in the back, please come forward and 20 be the compound of other carriers. 20 tell me your name. You have a question to give Mr. --21 BILL LANDFAIR: Correct. Correct. 21 MR. PRIVET: Yes, my name is Alan Privet (phonetic). 22. BILL CHEN: So instead of having Verizon making its FEMALE VOICE: Do you want to (inaudible)? 23 trucks coming, there will be --23 MR. PRIVET: Yes I live on Snug Hill Lane, 8310 Snug CATHY BORTEN: Objection. He can't testify to what 24 Hill Lane. 25 other carriers will or will not do (inaudible). 25 TAMMY CITRAMANNIS: Do you have a question? 126 128 BILL CHEN: Well (inaudible) let me get the question 1 MR. PRIVET: Yes (Inaudible). out. TAMMY CITRAMANNIS: You want to talk to Mr. Chen a 2 TAMMY CITRAMANNIS: Let me make sure. Is it -- are second? you saying his mic is on. 4 MR. PRIVET: Yes. FEMALE VOICE: I don't think your mic is on. Is it? 5 TAMMY CITRAMANNIS: That's fine. 6 BILL LANDFAIR: No, I think so. 6 MR. PRIVET: He -- yes. TAMMY CITRAMANNIS: Oh, there we go. 7 TAMMY CITRAMANNIS: Yes, he wants to ask you to talk BILL CHEN: There it is. Sorry. 8 to him. TAMMY CITRAMANNIS: You just needed to get a little 9 TAMMY CITRAMANNIS: We have cross and then we will go 10 closer. 10 off the record for a second. BILL LANDFAIR: Sorry. 11 11 BILL CHEN: Yes. BILL CHEN: Wait a minute. 12 TAMMY CITRAMANNIS: Do you have a question for Mr. TAMMY CITRAMANNIS: So what was the -- what's the 13 (inaudible) 14 question again Mr. --BILL CHEN: The gentleman has asked if I may ask a BILL CHEN: The question is, is that other maintenance 15 question on his behalf. 16 vehicles will be coming to the site for the additional 16 TAMMY CITRAMANNIS: Okay. Perfect. Thank you, Mr. 17 Privet. 17 carriers and they are not Verizon people. And therefore, 18 we don't have information about -- that's where this MR. PRIVET: Thank you. 18 19 question is going. 19 BILL CHEN: Mr. Landfair, can the 80 foot tower that 20 you've identified, be increased in height? GREG DIAMOND: Exactly. Where is the question?

24

BILL CHEN: Yes, sir.

MS. DIAMOND: Objection. It's the wrong witness.

BILL LANDFAIR: Can it be potentially increased in

25 TAMMY CITRAMANNIS: I -- I agree.

21

23

22 height?

21 That's a statement.

BILL CHEN: Well, I guess there was a question. It

23 was -- the objection was, and I said -- where I went with

24 this was, we don't know -- or do you know what will be the

25 maintenance activities of the increased enclosure when they

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Transcript of Hearing - Day 1

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Conducted on September 26, 2017

BILL CHEN: (Inaudible).

TAMMY CITRAMANNIS: Sustained. You asked it. No, I

appreciate you taking on the task.

BILL CHEN: I'll write it down on this other list them

with the appropriate witness is here, I'll ask him.

TAMMY CITRAMANNIS: So with that, I'm going to go back

over to the --

BILL CHEN: Is that okay, Madam Examiner, that with

these questions where it's been not the right witness --

TAMMY CITRAMANNIS: Absolutely. Keep them. That

11 really will help things go because then people don't have

12 to rewrite them. Yeah, they can add to them, but that's

13 okay. So we've had cross. Do you have any redirect?

CATHY BORTEN: Just -- just one or two.

15 TAMMY CITRAMANNIS: Famous last words.

CATHY BORTEN: When attorneys say, I'll be brief --16

17 TAMMY CITRAMANNIS: I know.

18 CATHY BORTEN: -- You know it's all over.

19 TAMMY CITRAMANNIS: Or one more question.

20 CATHY BORTEN: Mr. Landfair, you were asked a question

21 regarding the properties on the site side of Democracy

22 Boulevard and the tree line and whether those existing

23 trees are shielding the pole in terms of the view for

24 properties on that side of the Democracy.

BILL LANDFAIR: Yes.

CATHY BORTEN: In his expert --

TAMMY CITRAMANNIS: It doesn't make sense. It's

illogical. It could be wrong. Okay. All right. Okay.

BILL CHEN: Well, in light of that last question, I

have a question. I mean, very simply, the applicant has

said that all these other sites are bounded by the

residential, but that's not the issue. The issue is, has

he measured the distances of those conditional uses to the

nearest residential property?

10 CATHY BORTEN: That's not --

11 TAMMY CITRAMANNIS: All right. Yeah. It's --

CATHY BORTEN: That's not what I asked. That's not 12

13 the point.

14 BILL CHEN: Okay.

15 TAMMY CITRAMANNIS: And I don't think that's

16 appropriate at this time. Any other -- Mr. Landfair.

17 Okay. Thank you, Mr. Landfair.

18 BILL LANDFAIR: Thank you.

19 TAMMY CITRAMANNIS: You are dismissed.

20 BILL LANDFAIR: Thank you.

21 TAMMY CITRAMANNIS: Okay. So I think this is a good

22 time; it's 12:15. We -- I'm not sure how we -- how long

23 does -- who's your next witness?

CATHY BORTEN: We were going to put Mr. Siverling, the

25 engineer on; however, Mr. Savard is not available tomorrow

130

CATHY BORTEN: Is that the reason why the monopole was

2 redesigned to be a tree design?

BILL LANDFAIR: Yes, to a large extent. So that it

4 can fit within that tree line and be less -- less

5 noticeable.

CATHY BORTEN: And in terms of the Avenel and Bullis

7 and VFW sites, are all of those sites, regardless of the

8 size that the property is on, are they all bounded by

9 single-family residential?

10 BILL LANDFAIR: Yes.

CATHY BORTEN: And in terms of the -- all three of

12 those sites; Avenel, Bullis, and VFW, you testified that

13 they all have more than one special exception use on their

14 properties.

15 BILL LANDFAIR: Yes.

CATHY BORTEN: So would it be fair to say that if the

17 zoning ordinance didn't allow for more than one special

18 exception use on the property, that those sites couldn't

19 have the two that they have there?

20 BILL LANDFAIR: That's correct.

21 BILL CHEN: Objection.

22 TAMMY CITRAMANNIS: Is that an expert opinion?

23 BILL CHEN: Yeah.

24 TAMMY CITRAMANNIS: Or is that just his past knowledge

25 or --

so I think I'm going to take the photographer and then Mr.

Siverling. Then after that, I've got Mr. Posilken, Mr.

Dugan, and Mr. Steere.

TAMMY CITRAMANNIS: Okay. I'm just trying to

guesstimate the time. So that I say that we're going to

take lunch in an hour and I don't want to do it in the

middle of his testimony -- anybody's testimony or --

CATHY BORTEN: Mr. Savard is a shorter -- he has

9 shorter testimony than any of the others.

10 TAMMY CITRAMANNIS: Okay.

11 CATHY BORTEN: If that helps.

TAMMY CITRAMANNIS: Is it --12

13 MR. DIAMOND: Are we taking lunch right now?

14 TAMMY CITRAMANNIS: Well --

15 MR. DIAMOND: Or later?

TAMMY CITRAMANNIS: -- that's what I'm trying to

17 decide because I also want to make it so that people -- the

18 cafeteria is actually still open when we do go for a break.

19 MR. DIAMOND: Oh, yeah. (Inaudible).

20 CATHY BORTEN: That's fine.

21 TAMMY CITRAMANNIS: Because I don't want to send

22 people --

23 CATHY BORTEN: That's fine.

24 TAMMY CITRAMANNIS: -- out into Rockville to come back

25 within an hour.

135 CATHY BORTEN: It's fine to break now. digital imagery? 2 TAMMY CITRAMANNIS: We will start with an hour. Huh? PHILIP SAVARD: Yes. 3 CATHY BORTEN: We are fine to break now for lunch --CATHY BORTEN: Can you explain that? TAMMY CITRAMANNIS: Okay. PHILIP SAVARD: As far as we use pretty much digital 5 CATHY BORTEN: -- if that's your preference. from start to finish as far as that digital cameras and the 6 TAMMY CITRAMANNIS: Okay. So why don't we do that? computers and the Photoshop we do for the photo sims. CATHY BORTEN: Sure. CATHY BORTEN: And have you testified in other cases TAMMY CITRAMANNIS: I think that this might be a clean regarding digital imagery? PHILIP SAVARD: Yes. break. That way, everybody can actually find something to 10 eat. We will resume at 1:15. 10 CATHY BORTEN: And would that be for carriers? MALE VOICE: You've had incidences where you go until PHILIP SAVARD: Yes, we've done photo -- we've done 11 12 like 1:00, 1:15. 12 photo simulations for both sides, but I've testified for a 13 TAMMY CITRAMANNIS: It is 1:20. Everybody was 13 carrier before, previous, yes. 14 supposed to be back by 1:15. Ms. Wetter is not here. She CATHY BORTEN: I'd like to move to qualify Mr. Savard 15 will join us when she gets here. So at this point, Ms. 15 as an expert in digital simulation photography. 16 Borten, you are going to call your next witness? TAMMY CITRAMANNIS: Okay. Voir dire. Mr. --16 17 CATHY BORTEN: Yes, we would like to call Mr. Phillip 17 BILL CHEN: I'll except TAMMY CITRAMANNIS: You'll accept him. Ms. Lee? Does 18 Savard. 18 19 anybody know where Ms. Wetter is? 19 PHILIP SAVARD: (Inaudible). 20 TAMMY CITRAMANNIS: You can come here. 20 (Crosstalk) 21 PHILIP SAVARD: (Inaudible) 21 TAMMY CITRAMANNIS: Okay. 22 22. CHERYL WETTER: My dog expresses his appreciation. 23 TAMMY CITRAMANNIS: Just take the last chair and make 23 TAMMY CITRAMANNIS: Okay. We've asked to accept him 24 sure your mic is on. 24 as an expert in digital simulation. Does everybody over 25 here agree? (Inaudible). You're okay for that. Okay. PHILIP SAVARD: Hello. Hello. Red? 134 136 TAMMY CITRAMANNIS: Red. CATHY BORTEN: Mr. Savard, where you're hired by PHILIP SAVARD: Okay. Red. (inaudible) and Associates in connection with this case? 2 3 TAMMY CITRAMANNIS: Go figure. Okay. 3 PHILIP SAVARD: Yes. CATHY BORTEN: You want to swear him in? 4 CATHY BORTEN: And -- and in what capacity? TAMMY CITRAMANNIS: Yes. Do you promise to tell the PHILIP SAVARD: To perform a balloon test, do a drive 5 truth, the whole truth, and nothing but the truth when test, in which we take the photographs, and complete the giving your testimony under the penalty of perjury? photo simulations. PHILIP SAVARD: I do. CATHY BORTEN: And did you prepare all the photo TAMMY CITRAMANNIS: Thank you. State your name and 9 simulations for this case? 10 your address and then wait for Ms. Borten's questions. 10 PHILIP SAVARD: Yes. PHILIP SAVARD: My name is Philip Savard. Address, CATHY BORTEN: Okay. So up on the easel, I'm showing 12 1770 Deamerlyn Drive, York, PA 17406. 12 you what's been previously marked as Exhibits 145; we have CATHY BORTEN: Mr. Savard, I'm going to show you 13 H, I, J, and K on one side and L and M on the other side. 14 what's been previously marked as Exhibit 192A. I'll ask 14 And I'll ask you to identify those. 15 you to identify that please. 15 PHILIP SAVARD: Yes, those were the photo simulations PHILIP SAVARD: Yes, this is my resume. 16 16 that I made. 17 CATHY BORTEN: What is your occupation? 17 CATHY BORTEN: You prepared all of these? PHILIP SAVARD: Professional photographer, owner of PHILIP SAVARD: Yes, correct. 18 18 19 CATHY BORTEN: And what did you base the photos on? 19 ADGO photo. CATHY BORTEN: And how long have you been involved in 20 PHILIP SAVARD: We fly a five-foot helium balloon to 21 professional photography? 21 the desired height and we base the simulations on the

22 height of the balloon and the proposed structure that they

CATHY BORTEN: So when the balloon is up, what are the

23 are looking to put in there for proposal.

25 steps that you take --

PHILIP SAVARD: I've been doing it actually, since

CATHY BORTEN: And do you have any specialty in

23 '89. I have my associates agreeing and have been doing

24 balloon flies and this type of work for close to 20 years.

137 139 PHILIP SAVARD: Sure. 1 tree pole visual that seen in these photos? 2 PHILIP SAVARD: That was provided from -- by MRA. CATHY BORTEN: -- after that? PHILIP SAVARD: Sure. So we get a location where the BILL CHEN: Say that again. proposed site is going to be. We get a height of where 4 PHILIP SAVARD: The -it's going to be. We fly the balloon at that correct 5 BILL CHEN: What's the name? 6 height. I leave -- it's a two man job. We leave an PHILIP SAVARD: Morris, Ritchie, and Associates. 6 7 assistant with the balloon who is constantly measuring Sorry. 8 that. We use a laser rangefinder for that measuring. We 8 CATHY BORTEN: And when did you create this set of 9 keep in radio contact with that person so the -- so if photo sims? PHILIP SAVARD: This --10 there's any issues or anything like that, they can radio 10 11 back to me. I drive around usually, within a -- it all CATHY BORTEN: About when. 11 12 depends on the topography, but it's usually a quarter mile, 12 PHILIP SAVARD: -- I believe it was about March 2016. 13 half a mile, within a mile radius of the site. And we are 13 CATHY BORTEN: And do you know if the model that's 14 constantly looking for the balloon. I use a GPS in the 14 used, that MRA provided you is an actual tree or is another 15 vehicle to know which direction to look. Our goal is to 15 tree pole that's been used in the marketplace. 16 try and find it everywhere we possibly can and keep it at PHILIP SAVARD: I believe it's a real photograph of 17 the correct height. We really try and do this as 17 another monopine somewhere else. 18 accurately as we possibly can from start to finish. And 18 CATHY BORTEN: But not an actual tree. 19 once we see the balloon, we take a photograph of it. We 19 PHILIP SAVARD: No, not an actual tree, no. 20 submit those photographs to be selected for photo 20 CATHY BORTEN: Okay. So based on your knowledge of 21 simulation. Once they are chosen, you can see we put a map 21 the site (inaudible) and the design, are these photos an 22 in in the bottom quarter where the photograph was taken. I 22 actual representation of the proposed tree pole in the 23 use a GPS receiver on the camera that puts the metadata 23 location as shown? 24 into the actual digital file to prove where we photographed PHILIP SAVARD: Yes. 24 25 it from. That's how we get our location from where we shot 25 BILL CHEN: Objection. It's a -- he cannot testify 138 140 1 it. Then we photo simulate in the structure. At this 1 that it's a simulation. That's not what I heard. It 2 point, it was a tree pole. shouldn't even qualify. It's a singular --CATHY BORTEN: So I just -- since we are talk about 3 CATHY BORTEN: Is it an accurate representation. 4 them, I just want to make sure that we show everything. So 4 PHILIP SAVARD: It's as accurate as we -- yes. 5 -- then on the back we've got 145L, 145M, and the map. So TAMMY CITRAMANNIS: Accurate representation of a photo are these part of that same set? 6 sim. PHILIP SAVARD: Yes, correct. We did those also. 7 BILL CHEN: That's fine. CATHY BORTEN: Once you provide the balloon fly photos 8 PHILIP SAVARD: Yes, it is the --9 to MRA --9 BILL CHEN: (Inaudible). PHILIP SAVARD: What you're looking at there is the 10 PHILIP SAVARD: Yes. 10 11 CATHY BORTEN: -- what is the next step after that? 11 correct height and the correct with and as far as I know, PHILIP SAVARD: After we supply the balloon photos, 12 the correct structure that will be built there. And the 13 they make their selection of which ones they would like to 13 photograph, the arrow where it's pointing from is taken 14 have made -- made into photo sims. And at that point, we 14 from -- it's showing the correct location that I 15 make up the photo sim itself. So we take the photograph. 15 photographed it from as accurately as we possibly can do. 16 We obviously name it. We put the map in the corner from TAMMY CITRAMANNIS: Okay. 16 17 where we photographed it from, which I think I mentioned, 17 SUSAN LEE: Ms. Hearing Examiner -- I'm sorry. Just 18 we have the GPS data build into each picture. Then we use 18 as a concerned citizen. Is there any way they could 19 the structure as -- in this case it, it's the monopine, or 19 project those on the bigger screen? Because I can't 20 imagine how any of us could sort of examine them and have 20 the tree pole, and we place in there to the correct height, 21 correct width of the proposal of each job. So once we do 21 everybody go up and look at them. Do they have -- do you 22 that, then we send them the files for approval and then at 22 have them electronically so, as he is discussing them, they 23 that point, everything is -- you see it all together. We 23 could be projected in any fashion? 24 also do the map there with it. CATHY BORTEN: No. They are part of the application

25 and they are in the file.

CATHY BORTEN: What did you use as the model for the

143 TAMMY CITRAMANNIS: It's in the file. Certainly, if CATHY BORTEN: All right. I'm now showing you what 2 you have a question, if you want to -has been marked as 179. And I believe they are all under SUSAN LEE: Well, as long as folks are allowed to come A. Or do I identify those? 4 up and look at them today because the -- you know, as long TAMMY CITRAMANNIS: (Inaudible). as they are allowed to see them and see which ones are 5 PHILIP SAVARD: 179A. TAMMY CITRAMANNIS: So when he does a view, we will which ones. CATHY BORTEN: They are in the file and that's a give it a letter. CATHY BORTEN: Okay. They are all the same one -public file. TAMMY CITRAMANNIS: They all the same --TAMMY CITRAMANNIS: Yeah. I do -- just for 10 clarification as to what is the letter numbers of the 10 CATHY BORTEN: -- is what I'm saying. In the exhibit 11 exhibits. 11 list, I don't think these are broken out with subs. CATHY BORTEN: Right. The views? TAMMY CITRAMANNIS: Yes, I believe that's correct, but TAMMY CITRAMANNIS: (Inaudible) we didn't get any of 13 I like --14 the views that Mr. Savard (inaudible) to identify them --CATHY BORTEN: You want him to identify --14 CATHY BORTEN: Oh, I'm sorry. 15 TAMMY CITRAMANNIS: -- to break them out. Yes. TAMMY CITRAMANNIS: To identify them so that I know CATHY BORTEN: Okay. Sure. 16 17 because I don't think that -- were they marked in the 17 TAMMY CITRAMANNIS: So we'll --18 record with the letters? 18 CATHY BORTEN: So if you can identify --19 PHILIP SAVARD: Sure. View 1 --CATHY BORTEN: The original set are marked with 20 individual numbers and letters; with the number with sub-20 CATHY BORTEN: Is 179A. 21 letters. The setback waiver se, I believe only have one 21 PHILIP SAVARD: -- is 179A. View 2 is also 179A, and 22 number for all of them. So would you like him to identify 22 View 3 is also 179A. And View 4 is 179A and View 5 is 23 179A. 23 each view --24 24 TAMMY CITRAMANNIS: Maybe I was unclear. We are going TAMMY CITRAMANNIS: Yes, please. 25 CATHY BORTEN: -- with a number? Okay. So, Mr. 25 to have to give it a letter. They are not all going to be 142 144 1 Savard, can you identify this first --1 A. CATHY BORTEN: Oh, I'm sorry. 2 PHILIP SAVARD: It's that --2 CATHY BORTEN: -- view here? 3 TAMMY CITRAMANNIS: Yes. PHILIP SAVARD: Yes, the first one is I, view one. 4 CATHY BORTEN: I was just going by what was in the CATHY BORTEN: Can you maybe describe it? View one? 5 exhibit list. Okay, so if you look at the map --TAMMY CITRAMANNIS: No (inaudible). That was a BILL CHEN: Can you identify the exhibit? Please 7 mistake and that's why bringing up now --8 identify the exhibit. CATHY BORTEN: Okay. CATHY BORTEN: 145. TAMMY CITRAMANNIS: -- because when I go to write my PHILIP SAVARD: Yeah, Exhibit 145I. 10 report, I can't have five A's. I could, but -- so if we 10 CATHY BORTEN: I. Okay. And on the map, that's View 11 could just go ahead and mark those and then -- in numerical 11 12 1. 12 order. 13 PHILIP SAVARD: Correct. 13 GREG DIAMOND: (Inaudible). You know what that is 14 (inaudible). 14 CATHY BORTEN: And just --PHILIP SAVARD: And then View 2 is 145J. View 3 is 15 15 CATHY BORTEN: Okay. 16 145K. View 14 -- I'm sorry, 145, is I. GREG DIAMOND: Okay. 16 CATHY BORTEN: Oh. 17 CATHY BORTEN: All right. So let's just finish this PHILIP SAVARD: That's an L, sorry. And 145, View 5, 18 part then. So can you identify --19 PHILIP SAVARD: Sure. 19 is M as in Mary. 20 TAMMY CITRAMANNIS: Thank you. 20 CATHY BORTEN: -- View 1? CATHY BORTEN: And turning to 145M, is that a view of 21 PHILIP SAVARD: Sure. And Exhibit 179 View 1 is A. 22 the entrance to the East Gate Recreation Club? 22 CATHY BORTEN: Okav. PHILIP SAVARD: Yes, correct. 23 PHILIP SAVARD: View 2 is B, as in boy. View 3 is C.

24

25

CATHY BORTEN: Still 179.

PHILIP SAVARD: Still 179. View 4 is D, as in David.

24

25

CATHY BORTEN: Okay. And is this the tree pole?

PHILIP SAVARD: Correct. Yes.

4

145

1 And 5 is E as in elephant.

- 2 TAMMY CITRAMANNIS: Thank you.
- 3 CATHY BORTEN: And just to be clear, when we were
- 4 looking at Exhibit 145M, can you tell me what this is that
- 5 I'm pointing to?
- 6 PHILIP SAVARD: Yes, that is the monopine, the
- 7 structure that we put in there; photo simulated in.
- 8 CATHY BORTEN: Okay.
- 9 GREG DIAMOND: (Inaudible).
- 10 CATHY BORTEN: All right. That will -- we will
- 11 certainly do that. So actually, why don't you come up?
- 12 PHILIP SAVARD: Sure.
- 13 TAMMY CITRAMANNIS: Make sure you stay on your 14 microphone.
- 15 CATHY BORTEN: Or mine. Can you identify where the 16 monopine is in each of the views?
- 17 PHILIP SAVARD: Correct. We are on Exhibit 145, View 17
- 18 I. This is our monopine here. View J, it is right here
- 19 marked with a narrow. View 3 is K.
- 20 TAMMY CITRAMANNIS: Wait 164 --
- 21 BILL CHEN: So the Hearing Examiner needs to be a to
- 22 see (inaudible).
- 23 PHILIP SAVARD: Oh, I'm sorry. I'm sorry.
- 24 TAMMY CITRAMANNIS: I also (inaudible).
- 25 PHILIP SAVARD: I'm standing on the wrong side, I'm
 - 146

1 sorry.

- 2 TAMMY CITRAMANNIS: No, you're fine. But it's 145, A,
- 3 B, C, or D; View 1 (inaudible).
- 4 CATHY BORTEN: Okay. He can be more specific?
- 5 TAMMY CITRAMANNIS: Because I think he was doing View 5
- 6 J as opposed to --
- 7 CATHY BORTEN: Oh, okay. Okay.
- 8 PHILIP SAVARD: Sorry. Sorry. And I had my back to
- 9 you too. I'm sorry. So View 1 --
- 10 CATHY BORTEN: 145I.
- 11 PHILIP SAVARD: 145I; and this is the structure of the
- 12 monopine here. View 2, 145J, there's an arrow pointing at
- 13 it there. View 3, 145 is K, and that is right here with an
- 14 arrow pointing to it.
- 15 TAMMY CITRAMANNIS: Can you describe that? Because
- 16 the record is going to not know what you're talking about.
- 17 PHILIP SAVARD: Yes.
- 18 CATHY BORTEN: Why don't you describe where the view
- 19 is from.
- 20 PHILIP SAVARD: The view, middle of the photo and it's
- 21 from the south. It's from the south neighborhood on 145K.
- 22 GREG DIAMOND: What street?
- 23 CATHY BORTEN: Which view is it? Three?
- 24 PHILIP SAVARD: Three. Looks like Bucks Park.
- 25 CATHY BORTEN: It's coming from the neighborhood to

- 1 the west of Bucks Park Lane.
- 2 PHILIP SAVARD: Yes, it's from this view.
- CATHY BORTEN: (Inaudible).
- PHILIP SAVARD: Yeah, sorry I should have -- I should
- 5 show you on the map. That's easier to see. Sorry about
- 6 that. Then View 4 is 145L and the mono pine is here in
- 7 that photo was taken, View 4, right here on -- is it --
- 8 Democracy just south of the site. Then View 5, 145M as in
- 9 Mary. Here is our monopine here and that one was
- 10 photographed from the entrance of the pool.
- 11 MALE VOICE: (Inaudible) street address.
- 12 PHILIP SAVARD: The street address.
- 13 CATHY BORTEN: Gainsborough; is that Gainsborough
- 14 Road?
- 15 PHILIP SAVARD: Correct. I believe it's that. East
- 16 East Gate.
- 17 CATHY BORTEN: Okay. Thank you. All right. So I'm
- 18 going to bring us back to 179. Did you prepare these
- 19 photos?
- 20 PHILIP SAVARD: I did, yes.
- 21 CATHY BORTEN: And what did you base these photos on?
- 22. PHILIP SAVARD: Same as we did before: the location.
- 23 We were given a different location. We flew the balloon at
- 24 the new location and we repeated the process as before. We
- 25 did the -- we had two persons on the job. We have one

person staying at the -- the site to keep the height

- 2 correct and I do but drive test same as before, same camera
- 3 equipment with GPS locations. Putting the metadata in as
- 4 before. And we submitted the photos to Morris Ritchie and
- 5 Associates. They told me -- selected which ones to make
- 6 photo simulations of and we used the same structure, the
- 7 same monopine as before to make these photo simulations.
- 8 CATHY BORTEN: And about when did you create these
- 9 photo sims?
- 10 PHILIP SAVARD: These were August of this year of '17, 11 2017.
- 12 CATHY BORTEN: All right. So I'm just going to have
- 13 you do the same thing.
- 14 PHILIP SAVARD: Sure.
- 15 CATHY BORTEN: Can you name the street where it's 16 (inaudible) from?
- 17 PHILIP SAVARD: Yes, this is Exhibit 179. View 1 is
- 18 A, and this is the monopine structure here. This
- 19 photograph was taken just north of the property right here 20 as View 1.
- 21 CATHY BORTEN: Is that Snug Hill?
- 22 PHILIP SAVARD: This is Snug Hill, correct. Yes.
- 23 View 2 is letter B, as in boy. And this photograph was
- 24 taken just at the entrance, north entrance of the
- 25 neighborhood across the -- that is -- which (inaudible)

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149 151 1 street is there. I don't know the name of that one, but BILL CHEN: How did you know to go to the new it's the view right here. Do you know what that -location? CATHY BORTEN: (Inaudible). 3 PHILIP SAVARD: They provided me with the new PHILIP SAVARD: (Inaudible). And View 2 --4 location. 5 BILL CHEN: What do you mean by provided? On a map? CATHY BORTEN: So that's what you did (inaudible). 5 6 PHILIP SAVARD: Yeah, I'm sorry. Did someone meet you on the site? CATHY BORTEN: Just to the northeast. PHILIP SAVARD: Yeah, somebody meet -- met me on the PHILIP SAVARD: Yeah, just to the northeast right site and we also, we used coordinates --9 across from the property. View 3 is letter C and that was BILL CHEN: Okay. 10 taken just south of the intersection on the -- what is PHILIP SAVARD: -- to get our precise location. 10 11 this? BILL CHEN: Is that in for both locations that you 12 CATHY BORTEN: Gainsborough. 12 utilize -- somebody met you on the site and said, this is 13 PHILIP SAVARD: Gainsborough. South of the property 13 where the --14 on Gainsborough. And View 4 is letter D and that was taken PHILIP SAVARD: Yes, we always get there -- we usually 15 on the -- just south of the property on the main road, that 15 base it -- most jobs we do, we base it on coordinates, 16 passes below it. It was Democracy and the monopine 16 longitude, latitude spots. 17 structure is there with an arrow pointing to it. And then 17 BILL CHEN: Okay. 18 this one is the entrance again, right at the swimming pool. 18 PHILIP SAVARD: Besides the site plan. We go off the CATHY BORTEN: (Inaudible). 19 site plan also. 20 PHILIP SAVARD: The car entrance and that is View 5, 20 BILL CHEN: Okay. So that as far as your depiction in 21 the letter E as in elephant. 21 the simulations of the location of the tree, you are going CATHY BORTEN: And again, based on your knowledge of 22 on where someone told you the tree would be. 23 the site and the balloon fly, are these photos an accurate PHILIP SAVARD: Yes. We normally work off of the site 24 representation of the height and the width and the 24 plan. Correct. 25 location? 25 BILL CHEN: Say that again. I'm sorry. 150 152 PHILIP SAVARD: Yes, they are. PHILIP SAVARD: A site plan. 1 BILL CHEN: Of sims, simulated. BILL CHEN: Okay. So someone met you at the site. 2 2 TAMMY CITRAMANNIS: Photo sims. 3 PHILIP SAVARD: Yes, correct. CATHY BORTEN: Simulated, yes. 4 BILL CHEN: And said, this location. 5 TAMMY CITRAMANNIS: Right. 5 PHILIP SAVARD: Yes. COURT REPORTER: Sorry. Mr. Chen, please turn on your 6 BILL CHEN: Okay. Did they also give you a site plan microphone. customer because you just mentioned a site plan. CATHY BORTEN: And do you -- can you just clarify you 8 PHILIP SAVARD: We get both, correct. Yes. 9 know the reason that the second set of photo sims was 9 BILL CHEN: They give you both? PHILIP SAVARD: Ahead of time. We get that ahead of 10 conducted? PHILIP SAVARD: Sorry. From what I understand, we 11 time. Just then that gives me -- plus I --12 moved the location. I don't know. I don't know why they BILL CHEN: Gotcha. 13 moved it or --13 PHILIP SAVARD: Starts off obviously with an address, CATHY BORTEN: It was just to show --14 where to drive to, you know, and then we go from there. 15 PHILIP SAVARD: Just -- yes, I was just -- yes. BILL CHEN: And so I take it you eye ball the location CATHY BORTEN: (Inaudible). 16 that you are standing with the location that shown on the 16 17 PHILIP SAVARD: Just to show it from a different 17 site plan. 18 location, correct. Yes. And that -- we've done -- you PHILIP SAVARD: We do that, but we also have GPS 19 know, that happens a lot and we've, you know --19 coordinates. So we are actually using, you know, a GPS 20 advice to give us the exact coordinates. 20 CATHY BORTEN: (Inaudible). That's all I have on 21 direct. 21 BILL CHEN: And was this an 80 foot monopole or an 89

25

22 foot monopole?

24 the monopine at this point.

BILL CHEN: How tall?

PHILIP SAVARD: This was -- we were photo simulating

22

23

24 location?

TAMMY CITRAMANNIS: Mr. Chen.

PHILIP SAVARD: I'm sorry.

BILL CHEN: How did you know to go to the new

PHILIP SAVARD: It was 84 to the top of the branches I

2 believe.

3 BILL CHEN: 84. So that -- excuse me. So in all

- 4 these photographs, it's my understanding that the -- I
- 5 think your terminology is model. Is that the term you
- 6 used? The model that you used?
- 7 PHILIP SAVARD: For.
- 8 BILL CHEN: This model was supplied you said, by MRA.
- 9 PHILIP SAVARD: Yes, the tree, correct.
- 10 BILL CHEN: Yeah.
- 11 PHILIP SAVARD: Which is a photograph.
- 12 BILL CHEN: Okay. And so as I understand your
- 13 testimony, the model or the tree (inaudible) --
- 14 PHILIP SAVARD: Sure.
- 15 BILL CHEN: Is 84 feet high.
- 16 PHILIP SAVARD: Yes.
- 17 BILL CHEN: And how was the helium balloon tethered?
- 18 PHILIP SAVARD: With a winch. We tether it with the 19 winch.
- 20 BILL CHEN: And what does the tether consist of?
- 21 PHILIP SAVARD: It's a heavyweight with an actual, you
- 22 know, like a typical winch with a wheel. And it's tethered
- 23 to the ground with the weight so it obviously doesn't blow
- 24 away, and holds it down to the ground.
- 25 BILL CHEN: How is it connected to the balloon?

PHILIP SAVARD: With a -- with a string.

- 2 BILL CHEN: What kind?
- 3 PHILIP SAVARD: It's Kevlar. We use a Kevlar string.
- 4 Lightweight, but strong.
- 5 BILL CHEN: And do you have data on the wind
- 6 conditions that were taken -- that existed at the time you
- took the photographs at that location?
- 8 BILL CHEN: Yeah. It was relatively light winds and
- 9 that's why we have a person stay there. Before we take
- 10 each picture, we radio back with them to get the correct
- 11 height because obviously, balloons do move a little bit.
- 12 But that's why we -- we've always had a second person with
- 13 us. So they are there with us to read it. Yes, they stay
- 14 under the balloon and we use a laser range finder and they
- 15 read the height of the balloon, constantly reading that.
- 16 Before we take a picture, we radio back to them to make 17 sure it's at the correct type.
- 18 BILL CHEN: So that in this particular instance, that
- 19 rangefinder that your person on the ground was ranging it 20 at 84 feet.
- 21 PHILIP SAVARD: Correct.
- 22 BILL CHEN: What or who is Morris Ritchie and
- 23 Associates?
- 24 PHILIP SAVARD: They are, I guess the engineering
- 25 firm.

1 BILL CHEN: Okay.

PHILIP SAVARD: Yeah.

3 BILL CHEN: Okay. And you say that you've done this

4 type of service for, looks like predominantly

5 telecommunications, communications (inaudible).

PHILIP SAVARD: Yes we've -- and we've also done them

over the years for -- we've done them for homeowners

8 associations. We've done them for -- you know, we just

9 honestly try and do it as fair as we possibly can. So we -

10 - our goal is to get an accurate representation of what

11 it's going to look like no matter who is hiring us or what

12 we are doing the job for.

13 BILL CHEN: I ask only because your resume only

14 identifies telecommunications providers. Who else did you 15 provide --

16 PHILIP SAVARD: I -- it was literally 20 years ago and

17 I didn't want to put it on the statement. I wasn't sure

18 the name. You know, we've done it -- a lot of the times

19 it's an independent person coming to us, it's a

20 subcontractor or somebody else. So I -- a lot of times I

21 don't know who the chief person is. Sometimes attorneys

22 hire us. So, you know, a lot of times I don't even know

23 what the final carrier or whatever it's for. You know,

24 they hire us to come out to do an accurate simulation and

25 that's -- a lot of times, that's all we're told.

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BILL CHEN: But the -- what's shown on your resume or your CV, is the last 20 years work.

3 PHILIP SAVARD: Correct. Most of them are for

4 telecommunication structures, but we've done them for

5 buildings and all different types of things.

6 BILL CHEN: How -- and as I understand it, you took a

7 -- some number of photographs and submitted them to the

8 engineering firm, Morris Ritchie and Associates. And they

9 in turn told you the ones, photographs, as to which they

10 wanted to have the simulation inserted. How many

11 photographs would you take that were not used for sims?

12 PHILIP SAVARD: I -- I don't remember.

13 BILL CHEN: Was there anything in common among all of

14 those that were not utilize for simulation?

15 PHILIP SAVARD: I don't believe -- I don't believe so.

16 BILL CHEN: And did you take any photographs looking

17 at the site from 8201 Snug Hill Lane?

8 PHILIP SAVARD: I don't recall actual addresses. We

19 pretty much go with, you know, longitude and latitude 20 points.

21 BILL CHEN: As identified by Morris Ritchie and

22 Associates.

23 PHILIP SAVARD: Well, no. When we're driving around,

24 we -- the pictures are recorded by actual longitude of the

25 coordinates. We don't look at actual mailboxes or street

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Transcript of Hearing - Day 1

Conducted on September 26, 2017 157 addresses. 2 BILL CHEN: Do you know where Snug Hill Lane is? photo was taken. 3 PHILIP SAVARD: Yes, is the one just north of the 4 site. 4

- 5 BILL CHEN: And did you take any photographs from Snug
- Hill Lane directly towards the location?
- PHILIP SAVARD: Yes.
- 8 BILL CHEN: Can you identify which photographs they
- were?
- 10 PHILIP SAVARD: Sure. I'm sorry. That would be View
- 11 1.
- TAMMY CITRAMANNIS: You can actually stand on that 12
- 13 side so people --
- PHILIP SAVARD: Is that -- okay. Sorry.
- TAMMY CITRAMANNIS: -- can see you. I've got the 15 16 photos.
- 17 PHILIP SAVARD: This is exhibit (inaudible).
- 18 TAMMY CITRAMANNIS: Just make sure you identify it so
- 19 everybody knows what photo you are on.
- PHILIP SAVARD: Exhibit 145, View 1, letter I was from
- 21 Snug Hill. And --
- BILL CHEN: You know that that's when you say on 145 -22.
- 23 -
- 24 GREG DIAMOND: Let him finish answering the question.
- 25 CATHY BORTEN: Yeah.
- BILL CHEN: I'm staying on I. He's moving to a
- different photograph. 2
- GREG DIAMOND: He's answering the question.
- PHILIP SAVARD: You -- well, you asked me which ones I
- photographed from Snug Hill.
- TAMMY CITRAMANNIS: Let him answer the question. 6
- BILL CHEN: Okay. Okay.
- TAMMY CITRAMANNIS: You can circle back.
- PHILIP SAVARD: Yes. So this is Exhibit 179A. View 1
- 10 is A and that was also from Snug Hill.
- BILL CHEN: What is the address, if you know, on
- 12 Exhibit 145I?
- GREG DIAMOND: Objection. Asked and answered already.
- 14 He said he used GPS coordinates not street addresses.
- 15 BILL CHEN: Well, I just asked if he knew.
- GREG DIAMOND: And it's been answered. 16
- 17 (Crosstalk)
- 18 TAMMY CITRAMANNIS: He did answer that already. He
- 19 said he didn't.
- 20 BILL CHEN: You don't have any addresses then?
- 21 PHILIP SAVARD: We just have GPS locations.
- 22 TAMMY CITRAMANNIS: Just GPS.
- 23 BILL CHEN: (Inaudible). That works.
- 24 PHILIP SAVARD: We find them more accurate because
- 25 some addresses are really big and people have big

- 1 properties, so this tells us exactly the point of where the
- BILL CHEN: And did you take any from Snug Hill Court?
- TAMMY CITRAMANNIS: I think he just said he did.
- 5 BILL CHEN: No, that's Lane.
- TAMMY CITRAMANNIS: Oh, Court (inaudible). 6
- 7 BILL CHEN: Please. Please.
- 8 PHILIP SAVARD: I'd have to look (inaudible).
- GREG DIAMOND: So the witnesses has testified that he
- 10 didn't base the photos based on street names or addresses.
- 11 So maybe (inaudible) --
- BILL CHEN: Objection. Objection. 12
- 13 GREG DIAMOND: -- Identify where on the map.
- 14 BILL CHEN: Well, I tried that before, but he did it -
- 15 -
- TAMMY CITRAMANNIS: Okay. 16
- 17 GREG DIAMOND: Well, you could go to the map and
- 18 point.

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- 19 TAMMY CITRAMANNIS: One at a time speak. (Inaudible).
- 20 BILL CHEN: I'm just asking --
- 21 TAMMY CITRAMANNIS: You asked if he knew if he took
- 22 any pictures from Snug Hill Court.
- 23 BILL CHEN: Yes.
- 24 PHILIP SAVARD: Yes, we just go by GPS locations.
- 25 BILL CHEN: (Inaudible).

1 PHILIP SAVARD: So I --

- 2 BILL CHEN: Okay.
- PHILIP SAVARD: I don't write down street names. I go
- by actual data that gets recorded right into the photograph
- because a lot of places we go to don't have street
- addresses; rural areas, things like that. We go by exactly
- where the photo was taken from. If you look at my map, you
- will be of the exact pinpoints where the pictures were
- 9 taken from.
- BILL CHEN: Okay. Okay. What's the total number of 10
- 11 the photographs that you took for the assignment in, I
- 12 guess it was March of this year, which are the photos that
- 13 are --
- 14 CATHY BORTEN: Objection. He asked and he already
- 15 answered. He doesn't recall how many.
- PHILIP SAVARD: (Inaudible).
- 17 BILL CHEN: I'll take that as answer. If he doesn't
- 18 know, I'll take that. (Inaudible).
- PHILIP SAVARD: Yeah, I don't recall. It was 2016. 19
- 20 So --
- 21 BILL CHEN: Okay. Okay. How about in August of this
- 22 year?
- PHILIP SAVARD: I would have to check my files. 23
- 24 BILL CHEN: You don't know?
- PHILIP SAVARD: Yeah, I didn't -- I didn't bring that 25

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Transcript of Hearing - Day 1

Conducted on September 26, 2017 161

info with me.

BILL CHEN: Yeah, you just went with what the

engineering firm told you to do.

TAMMY CITRAMANNIS: Just for clarity, he said March

2016 in his direct. It's 2017, is that correct?

CATHY BORTEN: There are two separate sets. So no,

the original set would have been in March of 2016 and --

TAMMY CITRAMANNIS: Before you filed the application?

CATHY BORTEN: We -- well, we filed application in

10 September with a bare monopole.

TAMMY CITRAMANNIS: Right.

CATHY BORTEN: Then we amended it in June. 12

13 TAMMY CITRAMANNIS: Right.

14 CATHY BORTEN: So yes, the amendment for the -- for

15 this 145, would have been March 2017. That's correct.

16 Then the next set for the setback waiver would be August of

17 2017. There's three sets, but we're -- the bare monopole

18 is no longer a part of this.

TAMMY CITRAMANNIS: Okay. Thank you for that

20 clarification. I thought he had misspoke a year. I'm

21 sorry Mr. Chen. Go ahead.

BILL CHEN: When you used the term, correct height,

23 you used the word correct when you --

24 PHILIP SAVARD: Yes.

25 BILL CHEN: I take it that's based upon the PHILIP SAVARD: No. Sure. We try and make it as

accurately as possible.

BILL CHEN: That's all I've got. 3

4 TAMMY CITRAMANNIS: (Inaudible).

CHERYL WETTER: With regard to any of the simulations, 5

did you take any from Democracy Boulevard?

PHILIP SAVARD: I believe that's the main road. We

did. The road south of it. We go back --

CHERYL WETTER: Sort of south and north. I just

10 wondered if you took any (inaudible).

PHILIP SAVARD: Yes, we did. This is Democracy here, 11

12. View 4.

13 TAMMY CITRAMANNIS: If you could just -- I'm just

14 sorry. So I can hear to make sure I know (inaudible).

PHILIP SAVARD: (Inaudible). Democracy Boulevard

16 (inaudible).

17 TAMMY CITRAMANNIS: And the exhibit number if you

18 don't mind.

PHILIP SAVARD: It's Exhibit 145 and Democracy is

20 letter L, and that was the simulation here. And then this

21 is Exhibit 179 and the Democracy photograph was taken, it's

22 View 4, letter D.

23 CHERYL WETTER: (Inaudible).

24 TAMMY CITRAMANNIS: Redirect. Can you redirect?

25 CATHY BORTEN: So --

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1 information you just gave us where you use somebody at the

base --2

3 PHILIP SAVARD: Yes.

BILL CHEN: -- with a device that can tell you how

5 high --

PHILIP SAVARD: Yes, it's called a laser rangefinder. 6

BILL CHEN: Yeah. Okay. That's how you determine how 7

correct it is.

PHILIP SAVARD: Correct, yes.

BILL CHEN: Okay. When you also said width, what does

11 that mean?

PHILIP SAVARD: Because obviously, the width of the

13 structure would be visually important to -- to show

14 correctly, to show accurately. You could have a structure,

15 the structure, or any structure, to the correct height, but

16 if you don't -- if you don't simulate it to the right

17 width, doesn't visually represent what is going to

18 proposedly look like.

BILL CHEN: So when you say with, you're talking about

20 the width of the --

21 PHILIP SAVARD: Of the branches, yes.

22 BILL CHEN: Okav.

23 PHILIP SAVARD: In this instance, branches, yes.

24 BILL CHEN: Okay. That's -- I just wanted to make

25 sure I understand what you're referring to.

1 TAMMY CITRAMANNIS: Oh, I'm sorry.

CATHY BORTEN: Oh.

TAMMY CITRAMANNIS: I forgot. Do you have questions

4 of individuals?

5 BILL CHEN: I -- someone came to me with a list and I

said --

TAMMY CITRAMANNIS: (Inaudible).

8 BILL CHEN: I was listening and they went away.

9 TAMMY CITRAMANNIS: So now it's time for --

10 BILL CHEN: I -- I don't know --

TAMMY CITRAMANNIS: -- any individual questions. Does 11

12 anybody have any that they can pass to Mr. Chen in this

13 regard?

14 MALE VOICE: There is a list of questions here. There

15 is a whole list.

BILL CHEN: I've got a bunch of questions Madam 16

17 Examiner.

TAMMY CITRAMANNIS: Okay. Just as them and if there

19 is an objection --

20 BILL CHEN: Yeah.

21 TAMMY CITRAMANNIS: -- address it then.

22 BILL CHEN: I hope I can understand the handwriting.

23 Do you have a photo simulation of the tower at maximum

24 height and with the proposed maximum extended base?

GREG DIAMOND: Objection. 25

165 167 CATHY BORTEN: Objection. 1 set -- because we always adjust for branches. So --2 GREG DIAMOND: I don't know that means. CATHY BORTEN: No, I'm not talking about the branches TAMMY CITRAMANNIS: Relevance? right now. Just the bare pole that was --BILL CHEN: Well, and all -- in (inaudible) fairness PHILIP SAVARD: Yeah, but to the top. to the individual, and I don't know who it is, but I think 5 CATHY BORTEN: So that was an 80 foot pole? if there is going to be a maximum height of this tower, PHILIP SAVARD: Yes. 6 then that's a relevant question. CATHY BORTEN: And the branches extended about 84 or 8 TAMMY CITRAMANNIS: Do you have that? 83 (inaudible). PHILIP SAVARD: It's at --PHILIP SAVARD: Yes, because the monopole is inside of CATHY BORTEN: What -- what was it again? I'm sorry. 10 10 the --BILL CHEN: What is the maximum height? It's showing GREG DIAMOND: The antennas. 11 11 12 ---12 CATHY BORTEN: The antennas, I'm sorry. 13 TAMMY CITRAMANNIS: Do you have a photo sim showing 13 PHILIP SAVARD: Yeah, the antennas. 14 the maximum height that I guess the tower could potentially 14 CATHY BORTEN: Did I say branches? Antennas. 15 be, 155? I guess ---15 TAMMY CITRAMANNIS: This is direct so why don't you CATHY BORTEN: We wouldn't --16 16 let --17 PHILIP SAVARD: No, they're not -- this was the site 17 CATHY BORTEN: Okay. 18 that's being submitted for the height. 18 TAMMY CITRAMANNIS: Just ask him the question and let 19 BILL CHEN: It's fair to say it's 84 feet for all of 19 his answer be the answer. CATHY BORTEN: With the monopole, you had mentioned 84 20 them. 20 21 PHILIP SAVARD: Yes. 21 feet. 22 BILL CHEN: Is that right? 22. PHILIP SAVARD: Yes. 23 PHILIP SAVARD: Yes. Yes. The height --23 CATHY BORTEN: Is the 84 feet actually what went to 24 BILL CHEN: You don't have any others of a different 24 the bare pole? 25 height? PHILIP SAVARD: No, the -- I believe the bare pole was 25 168 166 PHILIP SAVARD: No, that was -- that's not what's 1 80 and with the branches added, it always adds an extra being proposed. height to the structure because it's concealed inside of CATHY BORTEN: Can I -- can I clarify one point? And there. You know what I mean? 4 I would normally just wait until redirect, but in order to CATHY BORTEN: Right. 5 avoid sort of a lot of misinformation to these questions, 5 PHILIP SAVARD: We --6 can I clarify something about the height with the witness 6 CATHY BORTEN: So the branches are extending beyond 7 just so that there is no confusion? At this -- I'm going 7 the 80 foot pole. 8 to do it on redirect I just --8 PHILIP SAVARD: Yes, correct. CATHY BORTEN: Okay. BILL CHEN: Go ahead. (Inaudible). 9 TAMMY CITRAMANNIS: Okay. 10 10 PHILIP SAVARD: And that's what we have to show. CATHY BORTEN: (Inaudible) by doing it. Thank you. TAMMY CITRAMANNIS: I'm just going to go ahead and let 11 TAMMY CITRAMANNIS: (Inaudible). 12 them ask their questions because I told them they could ask 12 CATHY BORTEN: Okay. So Mr. Savard, did you take 13 13 the questions and if -- if they go too far afield, we all 14 three sets of photo sims? 14 adjust it at that point. 15 PHILIP SAVARD: We --15 GREG DIAMOND: Can we try just one more --CATHY BORTEN: All together. 16 TAMMY CITRAMANNIS: Just one more --16 17 PHILIP SAVARD: Yes. 17 GREG DIAMOND: -- question? CATHY BORTEN: From the beginning of time. TAMMY CITRAMANNIS: That's clarifying question. 18 18 PHILIP SAVARD: Yes. GREG DIAMOND: Is there any possibility you're 19 20 confusing 80, 84, and 89? Just because a lot of numbers 20 CATHY BORTEN: And the first set of photo sims, was 21 that a bare pole? 21 have been thrown around and we want to make sure that you PHILIP SAVARD: That was, correct. 22 are talking about the right heights that you took the

24

23 photos.

PHILIP SAVARD: Sure. No. From what I understand, I

25 believe the top of the branches are at 84 feet and the

CATHY BORTEN: Was that set of photo sims originally

PHILIP SAVARD: I believe that one, they -- the first

24 showing antennas that went up to about 84 feet?

171 1 monopole itself was going to be 80. The bare pole was only 1 with the branching. 2 80 and then we -- we took the photos and the second 2 TAMMY CITRAMANNIS: Is that a question? 3 simulation we did at the same height as we did the first 3 SUSAN LEE: I --4 tree. 4 TAMMY CITRAMANNIS: (Inaudible). 5 CATHY BORTEN: Thank you. 5 SUSAN LEE: You based it on your 84 feet, is that BILL CHEN: The next question is; how do you propose 6 correct? to camouflage the maximum height? I think that goes back 7 PHILIP SAVARD: I based it on whatever documentation I to 155. So, is it okay -got from Morris Ritchie. So --TAMMY CITRAMANNIS: Yeah. SUSAN LEE: But you just testified --BILL CHEN: Thank you, ma'am. At what height was the 10 10 PHILIP SAVARD: And I don't --11 camera from the ground when each photo was taken and used SUSAN LEE: -- that it was 84. Eighty-four feet you 11 12 to make a sim? 12 said. 13 PHILIP SAVARD: We always do eye level. We always 13 TAMMY CITRAMANNIS: Right. He did. 14 photograph it from my level. PHILIP SAVARD: And we don't -- I don't have it right 14 BILL CHEN: Okay. And what is -- what height does 15 in front of me so if I'm getting my numbers mixed up, I --16 we could check the form because I -- back in the office, I 16 that answer? PHILIP SAVARD: Six-foot. 17 17 did it on the exact number that they told me to do it at. 18 BILL CHEN: Thank you. Did you take the original CATHY BORTEN: Just one moment (inaudible). PHILIP SAVARD: Sure. Whatever the documentation 19 photo sims of the monopole for the application submitted on 19 20 shows is what we --20 September 23, 2016? 21 PHILIP SAVARD: We did do the original ones, yes. 21 CATHY BORTEN: Mr. Savard, I'm showing you what has BILL CHEN: Were you contacted by a resident about 22 been marked as Exhibit 145E. 23 your photo simulations of the monopole not being accurate? 23 TAMMY CITRAMANNIS: E as in elephant? 24 PHILIP SAVARD: I don't believe so. CATHY BORTEN: E as in elephant. And it is titled, 25 BILL CHEN: Did you correct the -- okay. So you never 25 Elevation and Details. Everything --170 172 1 received a complaint that your photo sims were not 1 BILL CHEN: 145E (inaudible). accurate? CATHY BORTEN: 145E as an elephant. 2 2 3 PHILIP SAVARD: I don't believe so, no. 3 BILL CHEN: Thank you. BILL CHEN: That's fine. Did you undertake any survey 4 CATHY BORTEN: Have you seen this before? or investigation to ascertain the number of deciduous trees 5 PHILIP SAVARD: Yes. CATHY BORTEN: And this was given to you by Morris on all sides? 6 PHILIP SAVARD: We don't deal with any arborist or 7 Ritchie and Associates? 8 8 PHILIP SAVARD: Yes, that's what we base our -tree. 9 BILL CHEN: Again, you just take a photograph --9 CATHY BORTEN: Okay. So you based your photo sims --PHILIP SAVARD: I did, yes. 10 10 did you base your photo sims on this? BILL CHEN: -- at the time you're told to take the 11 PHILIP SAVARD: Correct, yes. 11 CATHY BORTEN: Okay. Can you come up and --12 photograph. 12 13 PHILIP SAVARD: Correct. 13 PHILIP SAVARD: Sure. 14 BILL CHEN: So is it accurate to state then, that the 14 CATHY BORTEN: -- Identify the height here for us, 15 only image in the photo sims that is not an image of a 15 please? 16 real, live piece of vegetation is the model. 16 PHILIP SAVARD: Yes. PHILIP SAVARD: Yes, everything -- we don't add 17 CATHY BORTEN: Make sure the Hearing Examiner 18 anything else, other trees or cover anything like that, no. 18 (inaudible). BILL CHEN: Okay. Thank you. PHILIP SAVARD: Sure. So we basically -- this is what SUSAN LEE: Just one follow-up based on those 20 20 I -- this is what I'm provided before I make the 21 statements (inaudible). 21 simulation, okay. And the number here is the number on the

22 top of the branch of the proposed monopine. And this is

23 the number that we get off of and I do apologize if I was

25 throughout the year. The 89 foot is the top of the highest

24 getting confused because there was two different structures

TAMMY CITRAMANNIS: Then after this, it's (inaudible).

SUSAN LEE: Because there isn't -- there has been a

24 discussion of an 80-foot tree, and 84 foot one with the

25 branches, but the application indicates that will be 89

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1 branch. So I do correct myself on that. I do apologize,

- 2 but this is the exact drawing that I went off of and that's
- 3 what we based our photo simulations on. Yes, so sorry
- about those numbers there.
- CATHY BORTEN: So just to be very clear, the photo
- sims that you testified to earlier --
- PHILIP SAVARD: Yes.
- 8 CATHY BORTEN: -- Those were based on (inaudible).
- PHILIP SAVARD: Those were based on that exact drawing
- 10 that I received from them, correct.
- CATHY BORTEN: Okay. I have nothing -- I have nothing
- 12 further at this time.
- BILL CHEN: I would like some -- in light of the
- 14 changed testimony, I become entitled to some further
- 15 examination on this line.
- TAMMY CITRAMANNIS: You can do it on the changed 16
- 17 testimony.
- 18 BILL CHEN: What type of device, sir, do you use to
- 19 calibrate the height of the model when you take this sim?
- PHILIP SAVARD: You mean the -- what type of
- 21 rangefinder do we use?
- BILL CHEN: Yes, whatever it is. 22.
- 23 PHILIP SAVARD: Yeah. No. It's got a laser
- 24 rangefinder and it's made by Nikon and we use that to read
- 25 the height of the balloon.

- 1 the tree for the 89 feet.
 - BILL CHEN: Where is your record that said 89?
 - PHILIP SAVARD: We do -- I mean, it shows up in the
 - rangefinder when we photograph it.
 - BILL CHEN: How do you crank out 89 feet on the --5
 - PHILIP SAVARD: With the winch. We use the winch. 6
 - BILL CHEN: Is there a number on the winch that says
 - 8 89 feet?
 - PHILIP SAVARD: That's what we use the rangefinder
 - 10 for; so that gives us more accuracy than an actual
 - 11 measuring stick or tape measure would.
 - BILL CHEN: Okay. So you just keep on winding the
 - 13 winch until the rangefinder says you are at a number.
 - PHILIP SAVARD: Correct. And then we put the balloon
 - 15 at the correct location.
 - 16 BILL CHEN: Okay.
 - 17 TAMMY CITRAMANNIS: I have a few clarifying questions.
 - 18 PHILIP SAVARD: Sure.
 - TAMMY CITRAMANNIS: With regards to the density of the
 - 20 tree, I noticed that in your sims, the tree -- the branches
 - 21 are very dense, whereas this is less dense. How do you --
 - 22 how is the model picked? Because there are -- they are
 - 23 different. You can definitely see the center of the pole
 - 24 here, but yet your pictures show it very dense. So how you
 - 25 decide that?

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BILL CHEN: Okay, good. So that what you're doing is

- 2 fitting in the model to -- the photograph of the height
- that the helium balloon is at.
- PHILIP SAVARD: Yes, the balloon is like a measuring
- 5 stick.
- 6 BILL CHEN: Gotcha.
- PHILIP SAVARD: So we use that to measure the height
- 8 to give us a visual from the -- like I said, the six-foot
- 9 perspective of where I'm standing. That gives me the
- 10 height where, to when I go back to the office and we make
- 11 the photo simulation --
- 12 BILL CHEN: You just fit it in.
- PHILIP SAVARD: -- we use the balloon as a --
- 14 basically a measuring stick.
- 15 BILL CHEN: Yeah.
- 16 PHILIP SAVARD: Yes.
- 17 BILL CHEN: You take the model that you are given and 18 you just --
- PHILIP SAVARD: Correct. 19
- 20 BILL CHEN: -- put it in at that height.
- 21 PHILIP SAVARD: You got it. Yes.
- BILL CHEN: Okay. And what was the height of the
- 23 tether in this case that you used?
- PHILIP SAVARD: The balloon, the five-foot helium
- 25 balloon. So the top of the balloon would show the same as

- PHILIP SAVARD: We use the actual photograph of a tree
- that they were proposing to use. I'm guessing, but I
- believe that one is just to show what's inside. It's more
- of a drawing, an engineering drawing.
- 5 TAMMY CITRAMANNIS: Okay.
- PHILIP SAVARD: Kind of a -- what do they call it more
- 7 a breakaway kind of a thing. But no, what we used as a
- real --
- 9 TAMMY CITRAMANNIS: A real tree?
- 10 PHILIP SAVARD: That exists somewhere else, correct.
- TAMMY CITRAMANNIS: But a tree that nonetheless is 11
- 12 supposed to be somewhat be replicated on the site.
- PHILIP SAVARD: Yes, it -- yes. 13
- TAMMY CITRAMANNIS: And with regards to the -- the two
- 15 -- you did three photo sims, but the two -- the one that's
- 16 the alternate site deals with the setback and the -- I
- 17 don't -- the 145 and (inaudible). How come the views are
- 18 not identical? How come it's not apples to apples, instead
- 19 you have different views on the different ones?
- 20 PHILIP SAVARD: When you move something, you're going
- 21 to see it in different locations. So if something was
- 22 moved, it's going to be seen through different vantage
- 23 points. So we are -- we try and photograph it from where
- 24 we can see it from is what we --
- TAMMY CITRAMANNIS: But why didn't you photograph it

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1 from -- so you could match it up even though you could add

2 another view so that everybody knows what it looks like in

- 3 both locations from, for instance View 1. I'm just -- do
- 4 you know what I'm (inaudible).
- 5 PHILIP SAVARD: Yes. No, I understand.
- 6 TAMMY CITRAMANNIS: Because I note that the dot moved
- 7 (inaudible) and that the views were different.
- 8 PHILIP SAVARD: Basically, we try to photograph it
- 9 where we can see it from. So if we didn't -- if we don't -
- 10 didn't take a picture from another location, it means
- 11 that it couldn't be seen. So by moving that, the distance,
- 12 there was different places that it can be seen, you know,
- 13 from its location.
- 14 TAMMY CITRAMANNIS: Okay. That's all. Do my
- 15 questions generate any questions?
- 16 CATHY BORTEN: No. We're fine.
- 17 BILL CHEN: Just tacking on to -- from the Examiner's
- 18 questions -- it is to me, right?
- 19 TAMMY CITRAMANNIS: Yeah, yeah.
- 20 BILL CHEN: Nonetheless, you could take photos of the
- 21 new location from the locations that you used for the prior
- 22 set. You could have.
- 23 PHILIP SAVARD: Could have, yes.
- 24 BILL CHEN: Okay. And that goes to your question.
- 25 Also, so that -- as I understand what you're saying, the --

- 1 PHILIP SAVARD: Or -- that's all. I don't know.
- 2 BILL CHEN: Okay. So you just utilize the photograph
- 3 of a -- it was an actual tree you are saying.
- 4 PHILIP SAVARD: No, an actual tree pole.
- 5 BILL CHEN: Okay.
- 6 PHILIP SAVARD: A man-made tree pole.
- 7 BILL CHEN: And then the engineering firm gave you --
- 8 PHILIP SAVARD: Correct.
- 9 BILL CHEN: -- that photograph.
- 10 PHILIP SAVARD: Yes.
- 11 BILL CHEN: And that's what you used?
- 12 PHILIP SAVARD: Correct.
- 13 BILL CHEN: Thank you.
- 14 TAMMY CITRAMANNIS: Ms. Wetter?
- 15 CHERYL WETTER: Cheryl Wetter. To continue the
- 16 Hearing Examiner's question, how far is Site 2 from Site 1?
- 17 Twenty-five feet? Twenty feet?
- 18 PHILIP SAVARD: I didn't -- I didn't actually measure.
- 19 We just go out and put in the -- they'd have -- you'd have
- 20 to look at the site plan and check with the --
- 21 CHERYL WETTER: I think -- can we do that? Because I
- 22 believe it's a very, very -- to get back to your question
- 23 as to why they weren't taken from the same place.
- 24 TAMMY CITRAMANNIS: Well, I think he just said why
- 25 they weren't taken. It doesn't sound -- yeah, I think that

- 1 in looking at these simulated photos, the tree that is in
- 2 those simulations, is a tree that you chose.
- 3 PHILIP SAVARD: No, it was a tree I was provided.
- 4 BILL CHEN: And that is by the engineering firm.
- 5 PHILIP SAVARD: Correct.
- 6 BILL CHEN: They gave you an image to put in there.
- 7 PHILIP SAVARD: Correct.
- 8 BILL CHEN: And that is not necessarily the same image
- 9 that is going to be the actual tree.
- 10 PHILIP SAVARD: I -- I --
- 11 CATHY BORTEN: The engineer will testify about that.
- 12 BILL CHEN: I mean --
- 13 CATHY BORTEN: He doesn't know that.
- 14 PHILIP SAVARD: Yeah, that's --
- 15 CATHY BORTEN: He's given the materials from the 16 engineer.
- 17 TAMMY CITRAMANNIS: I think he is --
- 18 BILL CHEN: Well, then let him answer that.
- 19 TAMMY CITRAMANNIS: I think he's (inaudible).
- 20 PHILIP SAVARD: Yes, I was given -- I was given the --
- 21 a real photograph of a real, pre-existing monopine or tree
- 22 pole that exists somewhere else, is what I believe they
- 23 were proposing for the site, but I don't know what will be 24 built.
- 25 BILL CHEN: Okay.

- 1 he -- he said why they were taken. They followed GPS or --
- 2 PHILIP SAVARD: Well, some of them were. We shot one
- 3 from the entrance and the southern location was shot there.
- 4 But with the tree cover, if you're not going to see it, you
- 5 know, that little bit, couple of branches in the way -- our
- 6 goal is to try and see the balloon and try and photograph
- 7 it where you can see it is what we are trying to do. So
- 8 moving at that location can make a big difference in being 9 able to see the different spots. So we -- our goal is to
- 10 try and photograph the balloon where we can see it from
- 11 TAMMY CITRAMANNIS: But -- okay. So you want to go
- 12 where you can see it, but if it's at the alternate
- 13 location, how does that go to increased or decreased
- 14 visibility if it's not taken at the same position as the
- 15 proposed view?
- 16 PHILIP SAVARD: Yeah. It all -- like I said, it all
- 17 depends on location. Sometimes it's more visible.
- 18 Sometimes it's less visible. So I -- and I can't really
- 19 testify if the first one was more visible or not. So I
- 20 don't know which -- which site would be more visible for
- 21 each location. Some of it probably was more visible.
- 22 Other ones, it was probably less visible.
- 23 TAMMY CITRAMANNIS: Okay. Ms. (inaudible). Anything
- 24 else? All right. Thank you, Mr. Savard. Let's see; your
- 25 next witness.

181 183 CATHY BORTEN: I call Mr. Brian Siverling. 1 all of them so that we can just get them all identified for 2 TAMMY CITRAMANNIS: How do you say that? the record. This is 145D. Can you identify that? BRIAN SIVERLING: Yes, those are some additional CATHY BORTEN: Siverling. 4 details that basically blow up, enlargements of some of the BRIAN SIVERLING: Siverling. 5 TAMMY CITRAMANNIS: Siverling, okay. specific information on C1. CATHY BORTEN: Okay. 6 BRIAN SIVERLING: I'll spell it for you. TAMMY CITRAMANNIS: All right. Do you promise to tell TAMMY CITRAMANNIS: Hold on a second. Whoever's cell the truth, the whole truth, and nothing but the truth in phone is ringing, please take it outside. your testimony under penalties of perjury? BILL CHEN: I'm sorry. I thought I turned it off. 10 I'm sorry. BRIAN SIVERLING: I do. TAMMY CITRAMANNIS: Just state your name and your TAMMY CITRAMANNIS: Okay. We all get one. Because 11 12 mine will start ringing. Okay. I'm sorry Ms. Borten 12 address and listen for Ms. Borten's questions. BRIAN SIVERLING: My name is Brian Siverling; S, as in 13 (inaudible). 14 Sam, I-V, as in Victor, E-R-L-I-N-G. I'm a professional CATHY BORTEN: That's all right. Can you identify 15 engineer registered in the state of Maryland. I'm a 15 what's been marked as 145E? 16 partner at Morris and Ritchie Associates. And we are the BRIAN SIVERLING: Yes, that's our sheet C3. It's an 17 engineering firm that prepared the site plan documents for 17 elevation of the proposed monopine and some additional 18 this zoning case. 18 details on the antenna and fencing. CATHY BORTEN: (Inaudible). I'm showing you what's CATHY BORTEN: And 145F. 20 been marked as Exhibit 180D. Can you identify that please? 20 BRIAN SIVERLING: Yes, that C4. That's a setback 21 BRIAN SIVERLING: Yes, that's my professional resume. 21 exhibit. Do you want to go into detail on that or do you CATHY BORTEN: Okay. Can you briefly describe your 22 just want to --23 work in the wireless communications industry? 23 CATHY BORTEN: No, we'll get there. BRIAN SIVERLING: I've been working in the wireless 24 BRIAN SIVERLING: Okay. 25 industry since 1998. Our firm has engineered thousands of 25 CATHY BORTEN: I'm just going to identify them now so 182 184 1 cell sites since that time for a variety of different that they are all on record. And 145G, can you identify 1 that? 2 carriers; Verizon Wireless, AT&T, Sprint, Nextel. So we --2 3 we basically have a full-service firm where we can provide 3 BRIAN SIVERLING: That's our landscape plan, L1. 4 all the engineering needed on the structural and mechanical 4 CATHY BORTEN: All right. Can you briefly explain the 5 -- I'm sorry. Excuse me. Structural and civil side of a difference between zoning drawings that are this exhibit 6 project. and construction drawings? CATHY BORTEN: So when working for Verizon Wireless, BRIAN SIVERLING: Sure. For one, the construction 8 you do -- can you just identify the type of work that you documents would include electrical and mechanical drawings 9 do for them? associated with the services going to the site. In 10 addition, our site plan would be developed into a grading 10 BRIAN SIVERLING: We do site development, survey, 11 structural engineering. 11 plan that would have more detail on the proposed parking CATHY BORTEN: And did you prepare, sign, and seal the 12 area such as pavement sections and things like that, that 13 zoning drawings for this case? 13 would -- that really aren't required for zoning document. BRIAN SIVERLING: I did. CATHY BORTEN: So are the construction drawings more 15 CATHY BORTEN: I would like to move to have Mr. 15 fleshed out with those construction details? 16 Siverling qualified as an expert as a professional BRIAN SIVERLING: Absolutely. They're a more detailed 16 17 engineer. 17 set of documents. BILL CHEN: I have no problem recognizing the CATHY BORTEN: All right. So has the actual tower

CATHY BORTEN: All right. I'm showing you -- let me 21 get this first -- what's been marked as 145C (inaudible). 22 Can you identify that? BRIAN SIVERLING: Yeah, that's our -- the site plan

19 gentleman as a civil engineer.

24 that we prepared for this application.

CATHY BORTEN: Okay. I'm going to take you through

23 a zoning approval Verizon will contact several tower 24 manufacturers and receive bids on the proposed type of 25 tower that they want to construct at a particular site.

CATHY BORTEN: So when does that happen?

BRIAN SIVERLING: No, it has not been designed yet.

BRIAN SIVERLING: That is typically happening -- after

19 proposed for this site been designed at this point?

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CATHY BORTEN: Okay. What would you expect the

- diameter to be at the base and at the top of the tree pole
- of the type that's proposed here?
- BRIAN SIVERLING: Based on my experience on an 80 foot
- pole of this nature, the top diameter of the trunk or the
- tree form is 28 to 30 inch diameter. The base would be
- closer to 54 to 56, somewhere in there, inch diameter.
- CATHY BORTEN: And how would it typically be anchored?
- BRIAN SIVERLING: Well, all these monopole structures
- 10 are essentially cantilevered structures. There is a -- at
- 11 the base section of the tower, there is a heavy baseplate
- 12 that is attached to the structure and then that has holes
- 13 for anchor bolts. One other thing I want to point out,
- 14 this tower has -- one of the other things -- components
- 15 that's involved with designing a tower is you have to have
- 16 a geotechnical study to determine what type of foundation
- 17 you would put to support -- to accurately support the
- 18 structure. That has not been done yet either. Again, that
- 19 is a building permit requirement and something that the
- 20 tower manufacturers would require to allow them to design
- 21 the foundation for whatever structure they're building.
- CATHY BORTEN: And will the monopole be designed to
- 23 current and relevant building code standards?
- BRIAN SIVERLING: Absolutely. Part of our documents,
- 25 our construction documents, will specify the tower needs to

- fence compound. This particular site will require --
- obviously the large circular feature is the centerline of
- the -- or the tower footprints. We are assuming this will
- be a caisson foundation. It's the typical foundation for
- this type of structure. If the geotechnical conditions
- show otherwise, there are other options. And then we have
- an equipment pad that will have a generator as well as
- we're showing two equipment cabinets with the potential of
- adding a third just as future growth. We don't know what
- 10 the future holds for -- you know, (inaudible).
- CATHY BORTEN: And I just want to clarify. That was
- 12 Exhibit 145D. I think I referenced it as C2. Will backup
- 13 batteries be used at the site?
- BRIAN SIVERLING: Yes, the -- there is -- will be a
- 15 cabinet for batteries. The final configuration may be a
- 16 single cabinet with batteries and radio equipment and it or
- 17 it may be two separate cabinets.
- 18 CATHY BORTEN: And will there be a backup generator at
- 19 the site?
- 20 BRIAN SIVERLING: Yes. There is a generator planned
- 21 for the site and it's the element the farthest to the left
- 22 within the compound.
- 23 CATHY BORTEN: Can you explain the relationship
- 24 between how the batteries and the generator, sort of what
- 25 their roles are?

- 1 be designed for IBC 2015, which is the prevailing code here
- 2 in Montgomery County.
- CATHY BORTEN: And would the -- a monopole of this
- 4 nature typically be constructed in order to address ice and
- 5 wind conditions?
- BRIAN SIVERLING: Absolutely. That's another -- there
- 7 is, as part of IBC 2015, there is a standard TIA 222, which
- 8 is referenced in the code, which is the standard used to
- 9 design all antenna supporting structures, self-supporting
- 10 or otherwise. In that standard, every jurisdiction, every
- 11 location has specific wind speeds, ice conditions that each
- 12 structure would have to be designed for.
- CATHY BORTEN: Can you just clarify for the record,
- 14 for those that don't know, what is IBC?
- 15 BRIAN SIVERLING: I'm sorry. International building 16 code.
- 17 CATHY BORTEN: Right. So will the -- there will be 18 ground equipment at the site?
- BRIAN SIVERLING: There will be ground equipment.
- 20 CATHY BORTEN: How is that contained?
- BRIAN SIVERLING: That is enclosed within a fenced
- 22 compound. (Inaudible).
- CATHY BORTEN: Yeah. Showing you what's been marked
- 24 as Exhibit C2. Does that show the compound?
- BRIAN SIVERLING: Yes, that's an enlargement of the

- BRIAN SIVERLING: Sure. The backup system for the 1 telecommunications equipment is the -- there is batteries
- that are -- it's an instantaneous backup. So there's never
- -- so you lose power in your house. There's always -- you
- don't have that with the battery assembly. It's
- automatically DC current is fed into the equipment. The
- purpose of the generator is not to power the equipment
- directly. It's too re-energize the batteries. So the
- 9 system -- the cell site is actually running off the
- 10 batteries if you lose direct power to the site.
- 11 CATHY BORTEN: So is that something that only happens
- 12 in emergency situations?
- 13 BRIAN SIVERLING: Absolutely. The only need for that
- 14 would be if we lose the direct power to the site.
- 15 CATHY BORTEN: And what type of a generator is it?
- 16 BRIAN SIVERLING: It's a diesel generator.
- 17 CATHY BORTEN: And is a diesel generator permitted
- 18 under the code?
- 19 BRIAN SIVERLING: Yes, I believe it is.
- 20 CATHY BORTEN: And is the generator something that
- 21 gets handled at permit stages?
- BRIAN SIVERLING: Yes, the specifications and all of
- 23 the documentation associated with the generator is
- 24 submitted for review at building permit.
- CATHY BORTEN: And how --25

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BRIAN SIVERLING: It's part of the electrical

CATHY BORTEN: Okay. Sorry. And how often is the generator actually run?

BRIAN SIVERLING: Well, in order -- like any motorized 5

piece of equipment, it has to be energized occasionally,

otherwise when you want it to go on, it won't. So it's

typically exercised, I believe, once a month.

CATHY BORTEN: And is that something that can be done 9 10 remotely?

BRIAN SIVERLING: Yes, it's done remotely from the

12 switch station out of Verizon's switch facilities.

CATHY BORTEN: And can the testing be done at a time

14 that would be convenient for, say the recreation club?

BRIAN SIVERLING: Absolutely. And that's just

16 something that Verizon could work out with the landlord,

17 but it can be exercised really anytime.

CATHY BORTEN: I'd like for you to briefly describe

19 the tree pole design. I think we've got it still up here.

20 So that shown on Exhibit 145E. Okay. Can you just give a

21 brief description of what 145E shows?

BRIAN SIVERLING: Sure. 145E, it's our C3 sheet.

23 It's part of the zoning documents submitted for this

24 application. We're showing an elevation of the proposed

25 structure with the lighter, kind of shaded vegetation in

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1 the back is -- a judge to make a representation of the

current trees along Democracy Boulevard that run up along

the parking area for the swim club.

CATHY BORTEN: And is this the design that you

provided to Mr. Savard for the photo simulations?

BRIAN SIVERLING: This is an example of a tree pole.

7 What I provided to Mr. Savard for the photo sims was a

8 image provided to me through Verizon Wireless, through

9 Saber Industries who is a leading tower manufacturer. This

10 is actually a tower that they have designed and the image

11 was created that well, it wasn't created, but the image was

12 (inaudible) Verizon for another site. They were going to

13 do a tree pole on Congressional Country Club, on the

14 grounds of Congressional Country Club. And this was the

15 pole that was going to be built there, but that site never 16 got built.

CATHY BORTEN: So not for the photo sims, but just for

18 the purposes of preparation. Was this provided to Mr.

19 Savard? Just the schematic of this?

BRIAN SIVERLING: Well, not theirs, but the --20

21 CATHY BORTEN: Something like this.

BRIAN SIVERLING: The image of that, the pole that we

23 are trying to -- that we are proposing to put in place,

24 this is similar. It's not -- this isn't an image. This

25 was a drawing by (inaudible).

CATHY BORTEN: I'm just trying to get at; was he

provided the image?

BRIAN SIVERLING: Oh, absolutely.

CATHY BORTEN: Yes.

BRIAN SIVERLING: Yes.

CATHY BORTEN: Okay. What will the centerline of the

Verizon Wireless antennas be in this design?

BRIAN SIVERLING: We are proposing 76 feet.

CATHY BORTEN: And can you just explain what a 10 centerline is?

BRIAN SIVERLING: A centerline is really the center

12 radiation elevation for the antennas. The antennas can

13 vary. Sometimes they are 4 feet tall. Sometimes they are

14 8 feet tall. Ideally, you have that same radiation point

15 for all of your antennas. So that's kind of just the

16 midpoint of the antennas.

17 CATHY BORTEN: And the height of the monopole

18 structure inside of the tree?

BRIAN SIVERLING: The structure itself, we'll call it

20 the trunk for lack of a better term, is 80 feet tall.

CATHY BORTEN: And how far above the monopole

22 structure or the trunk with the tree branches extend

23 maximum?

BRIAN SIVERLING: We are proposing nine feet to the

25 very tip of the highest branch elevation.

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CATHY BORTEN: So that would take the top to what

height?

1

BRIAN SIVERLING: Eighty-nine feet.

4 CATHY BORTEN: And why do the branches extend

approximately nine feet above the trunk monopole structure?

BRIAN SIVERLING: Well, gives the -- it gives the

tower manufacturer an opportunity to taper the top and

better conceal the antennas at the highest rad center.

CATHY BORTEN: I'm going to show you what has been

10 marked and identified as 145G. I think this is the one.

11 Is this the landscape plan?

12 BRIAN SIVERLING: Yes, it is.

13 CATHY BORTEN: And can you explain what this is

14 illustrating?

15 BRIAN SIVERLING: Well, what we're trying to do is

16 provide some additional screening for the tower structure.

17 Up on the north side of the property currently, the area

18 that we are showing additional landscaping is pretty much

19 wide open. There is -- there aren't -- there isn't any

20 planting there. And after submitting our original plans to

21 Montgomery County, the planning -- the planners came back

22 and said, well, can we put some additional screening on the

23 site to help obscure the view. So that's basically what we

24 are doing and we added the highs. They are quite large

- 1 to provide that screening as quickly as possible.
- CATHY BORTEN: And how are those plantings ultimately
- 3 chosen?
- BRIAN SIVERLING: Well, we (inaudible) landscape
- 5 architect in our firm that made a selection and those
- 6 selections were agreed-upon with the county.
- CATHY BORTEN: So did the Planning Staff have input on
- those plantings?
- BRIAN SIVERLING: They did. They came back and asked
- 10 us to increase the size of the original plantings and we
- 11 could only make them so big because nurseries that we
- 12 talked to nurseries in the local area to make sure we get
- 13 the sizes that were submitted and they are available.
- CATHY BORTEN: Given the topography and the plantings
- 15 that you're talking about, are the plantings sitting -- how
- 16 are the plantings sitting in terms of height in relation to
- 17 the pole?
- 18 BRIAN SIVERLING: The plantings will be above the
- 19 compound area. And as has been described earlier, there is
- 20 quite a difference in elevation from Snug Hill Lane down to
- 21 the parking area of the swim club. And you can see the
- 22 topography lines. It's quite steep there.
- CATHY BORTEN: All right. (Inaudible). All right
- 24 because I'm going to show you what's been marked as 145 --
- 25 no, that's not it. C4 (inaudible) C4. 145F as in Frank.
- - 25 -- on the site that meets both the residential 300 foot

- 1 I think you've identified this previously.
- BRIAN SIVERLING: Correct. That's the setback
- exhibit. Okay.
- CATHY BORTEN: So why was this drawing created?
- BRIAN SIVERLING: Well, the question came up; where
- 6 can we put the tower if we met both the 300 foot setback to
- a residential structure and the one to one setback for the
- 8 tower structure.
- CATHY BORTEN: And can you walk us through what --
- 10 actually, if you can get up --
- BRIAN SIVERLING: Sure.
- CATHY BORTEN: -- And make sure that you can be heard
- 13 and seen and explain where the alternate location that
- 14 needs the setback is and what it does in terms of --
- 15 BRIAN SIVERLING: Sure. Well --
- CATHY BORTEN: Distance around (inaudible). 16
- BRIAN SIVERLING: Well, the challenge we had here is
- 18 we had to be 300 feet from a residential dwelling and 80
- 19 feet from a property line. So there is a small rectangular
- 20 area. Is not quite a rectangle, but it's hatched in here.
- 21 This is the only area on the site that meets both of those
- 22 criteria. As you can see, it runs right across the
- 23 entrance to the pool and clubhouse as well as the entrance
- 24 to the tennis courts. So that was the purpose of the --
- 25 creating the exhibit was to show what possibilities we

- 1 have. And that's -- this is where the second -- or the
- third set of photo sims were taken (inaudible).
- 3 CATHY BORTEN: Okay.
- 4 SUSAN LEE: Could I go up and have him show me that
- 5 closer?
- TAMMY CITRAMANNIS: Yeah. Do you mind Ms. Borten? 6
- 7 CATHY BORTEN: No, that's fine.
- 8 TAMMY CITRAMANNIS: Just so she can see for a second.
- 9 CATHY BORTEN: Yeah.
- 10 BRIAN SIVERLING: I can highlight it if that will
- 11 help.
- TAMMY CITRAMANNIS: Actually, you can do it when it's 12
- 13 returned to --
- 14 SUSAN LEE: Okay.
- 15 TAMMY CITRAMANNIS: -- cross examination. Otherwise,
- 16 we're going to get --
- 17 BRIAN SIVERLING: Since I'm up, can I just highlight
- 18 it (inaudible)?
- 19 TAMMY CITRAMANNIS: If they want to highlight it.
- 20 BRIAN SIVERLING: Okay.
- 21 CATHY BORTEN: That's fine.
- 22. TAMMY CITRAMANNIS: Just identify that that's what
- 23 you're doing.
- 24 BRIAN SIVERLING: I'm just highlighting the area that

194 setback and the one to one setback for that.

- CATHY BORTEN: Stay here. 2
- 3 BRIAN SIVERLING: Okay.
- 4 GREG DIAMOND: On exhibit number --
- 5 BRIAN SIVERLING: Exhibit 145F.
- CATHY BORTEN: (Inaudible) all right. So if we
- compare exit 140 -- sorry. Exhibit 145C, which is the site
- 8 plan --
- 9 BRIAN SIVERLING: Correct.
- CATHY BORTEN: -- to 145F, which is the setback
- 11 exhibit, can you -- I don't -- I'm not sure if you did it
- 12 previously, but can you identify the difference in the
- 13 distance and the location towards the homes?
- BRIAN SIVERLING: Sure. 14
- 15 CATHY BORTEN: How does it work best for you?
- BRIAN SIVERLING: I think the easiest way to do it
- 17 would be to just compare the two, the setbacks from the two 18 sides.
- 19 FEMALE VOICE: (Inaudible).
- BRIAN SIVERLING: My bad. Sorry. So when we looked 20
- 21 at this site, our intent was to get as far away from the
- 22 residential site, the residential dwellings, as we could.
- 23 So if we start at -- with the original for the exhibit, or
- 24 the site -- excuse me -- the site plan, Exhibit 145C, this
- 25 is the site plan that was submitted for the special

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1 exception here. There we have, and for all intents and

- 2 purposes, we will focus on the community to the north,
- 3 east, and west. There is a lot of tree buffer here on The
- 4 Moxie, but anyway. So to the east, the closest residential
- 5 dwelling to the proposed location is 375 feet, plus or
- 6 minus. To the north, the closest lot, or the closest
- 7 dwelling, is 358 feet 3 inches. To the east, it is 372
- 8 feet 9 inches plus or minus. To the south, it's 304 feet 4
- 9 inches. That was the closest one. So we are for the way
- 10 to the east, north, and west. If we looked up at the tower
- 11 where it meets the ones one setback for the structure
- 12 height, now we're looking at -- it could be as close as 300
- 13 feet, but we can put it anywhere in this area assuming it
- 14 would function. But we are over 300 feet. So we go from
- 15 373, to 300. We go to 358 to 300, and 372 to 300. So it
- 16 is -- it does move up. Further on, then it goes to 356 to
- 17 the dwelling to the south.
- 18 CATHY BORTEN: So looking again at this Exhibit 145F,
- 19 with the equipment portion of the facility have to be cited 20 near the pole?
- 21 BRIAN SIVERLING: It's best to have it directly
- 22 adjacent to the pole. It doesn't have to be. Always see,
- 23 if you are to put the tower somewhere in that sliver of
- 24 land, the equipment would probably still need to go in the
- 25 -- you know, take a couple of parking spots, but it would
- 1 have to go underground. The cabling, all the conduits,
- would have to go underground to the tower.
- 3 CATHY BORTEN: So just to be clear. This alternative
- 4 location would be viable even if the equipment had to be
- 5 located on the other side of the parking lot.
- 6 BRIAN SIVERLING: Yes. You -- you could do it if
- 7 there is -- I mean, if you --
- 8 CATHY BORTEN: What would that involve?
- 9 BRIAN SIVERLING: To install it there? Well, it would
- 10 be -- obviously, your foundation would have to go in there.
- 11 It probably would impact, looking at the location layout;
- 12 it's going to impact some parking spaces because the base
- 13 of the foundation is going to be bigger than what we
- 14 probably have there area-wise.
- 15 CATHY BORTEN: For the pole with equipment?
- 16 BRIAN SIVERLING: No, no. For the pole.
- 17 CATHY BORTEN: Now, I'm talking about the equipment.
- 18 BRIAN SIVERLING: Oh, the equipment.
- 19 CATHY BORTEN: Here, we just -- if I'm looking at this 20 Exhibit 145F --
- 21 BRIAN SIVERLING: Right.
- 22 CATHY BORTEN: -- You're showing the pole to be
- 23 located somewhere --
- 24 BRIAN SIVERLING: Somewhere in there.
- 25 CATHY BORTEN: -- In this highlighted, hatched area.

- BRIAN SIVERLING: Correct.
- CATHY BORTEN: And are you showing the equipment to
- 3 still remain along the Democracy Boulevard side of the
- 4 parking lot?
- 5 BRIAN SIVERLING: Yes, I would -- I would say that
- 6 still the best place for it.
- CATHY BORTEN: And if you did this, would you have to
- 3 dig underground?
- 9 BRIAN SIVERLING: Yes, we would have to run
- 10 (inaudible) from the equipment over to the tower.
- 11 CATHY BORTEN: So from an engineering standpoint, does
- 12 the equipment have to be sited right next to the pool?
- 13 BRIAN SIVERLING: No, it does not. There are ways
- 14 around it.

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- 15 CATHY BORTEN: All right. So I want to talk about
- 16 parking. I think I'm going to grab C1 again. Is that
- 17 what's right there?
- 18 BRIAN SIVERLING: Yes.
- 19 CATHY BORTEN: All right. So I'm putting backup 145C,
- 20 the site plan. (Inaudible). Since you designed the site
- 21 plan, can you explain how many spots are going to be taken
- 22 up by the proposed facility, how those are going to be made
- 23 up, and what it does to the overall parking requirements
- 24 for the special exception?
 - 5 BRIAN SIVERLING: Right. The original special

1 exception required 79 spaces. It's a little confusing on

- 2 how we get there, but bear with me for a moment. Verizon
- 3 is only going to build (inaudible) that they need. They're
- 4 not going to build for future carriers. They don't control
- 5 that land. That will be a deal between future carriers and
- 6 the landlord, not Verizon Wireless. Verizon will control
- 7 the tower. So the compound has projected that we are
- 8 taking four spaces. Okay. In order to replace the spaces,
- 9 we have to build them somewhere. So this -- we are
- 9 we have to build them somewhere. So this -- we are
- 10 proposing to build this -- the new spaces over here. To
- 11 get there, you lose three because you need (inaudible) to
- 12 get there, right. So we are up to seven. We are proposing
- 13 to add eight. Primarily, just because it's symmetric.
- 14 That may look a little off if you do three. We only have
- 15 to do seven, but we will throw in eight. So you get 80
- 16 spaces (inaudible). Say you have the proposed -- the
- 17 expansion area. We are anticipating taking three more
- 18 spaces for two carriers, okay. So remember, we are on one.
- 19 So we are at 80. And if -- and if they build this, they're
- 20 going to have to come in and build two more spaces. But we
- 21 trying to minimize the impact of this area so we don't want
- 21 trying to minimize the impact of this area so we done we
- 22 -- we don't need to build everything out with the hopes
- 23 that another carrier is going to come. They may not. We
- 24 don't -- we don't know what their coverage needs are in the 25 area and things like that. So that's how we get back to

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1 the baseline of 79 spaces.

CATHY BORTEN: So in talking about the potential for

- 2 CATHY BORTEN: So in talking about the potential for 3 expansion for co-located, is the monopole structure itself
- designed to account for potential co-locators?
- BRIAN SIVERLING: Yes, the county does require you to
- 6 provide at least, on the size pole, at least two more co-
- 7 locations. And you -- the reason you do that, you want
- 8 that tower -- you don't want to have to modify the
- 9 structure if you get another carrier coming in. You want
- 10 (inaudible). The county wants people to co-locate. They
- 11 don't want to have, you know, towers popping up everywhere
- 12 for a single -- single carrier. So yes, it will be
- 13 designed for --
- 14 CATHY BORTEN: For how many more?
- 15 BRIAN SIVERLING: Up to two.
- CATHY BORTEN: Just one moment. Thank you. So we
- 17 just were -- we were going through the possible alternate
- 18 location and a sigh on the property that would me all the
- 19 setbacks. And I believe you testified that you could
- 20 technically place the bowl and that alternative location to
- 21 meet the setbacks. Are there any operational or other
- 22 sorts of reasons that make that location not preferable
- 23 with regard to the existing use?
- BRIAN SIVERLING: Well, certainly, it would have -- I
- 25 believe it would have a bigger impact on communication

- 1 conditional use, is that right?
- BRIAN SIVERLING: I believe that's correct, yeah.
- 3 BILL CHEN: And it's a telecommunications conditional
- 4 use.
- BRIAN SIVERLING: Yes. 5
- BILL CHEN: And what does a telecommunications
- conditional use consist of?
- BRIAN SIVERLING: Whatever the -- whatever's in the
- 9 ordinance. I'm not sure.
- BILL CHEN: Okay. You don't know what the ordinance
- 11 defines it to be?
- 12 BRIAN SIVERLING: I don't have it verbatim, no.
- 13 BILL CHEN: Okay. For the purposes of my questioning,
- 14 please assume that a conditional use for a
- 15 telecommunications tower under the zoning order, consists
- 16 of the supporting structure and related equipment. That's
- 17 in quotes.
- 18 BRIAN SIVERLING: Okay.
- BILL CHEN: Now, in this particular case, you have
- 20 related equipment as well as the monopole or the supporting
- 21 structure, right?
- BRIAN SIVERLING: Correct. 2.2.
- 23 BILL CHEN: And can you tell us what is the smallest
- 24 amount of area that that conditional use requires?
- BRIAN SIVERLING: In terms of --

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- 1 traveling through, accessing the tennis courts or the pool.
- 2 You would certainly have to position that so that you still
- 3 -- you don't impact that function or the function of the
- 4 tennis courts or the pool.
- 5 CATHY BORTEN: And what about the underground?
- BRIAN SIVERLING: Well, that's going to be a
- 7 construction issue. You know, once it's in, it's in, but
- 8 that would -- is just another -- another wrinkle you would
- 9 have to address.
- 10 CATHY BORTEN: And then just to be clear, that site on
- 11 the property in the alternate location, is that the site
- 12 that Verizon Wireless is proposing or are they proposing
- 13 the site on Democracy?
- BRIAN SIVERLING: We are proposing the site to the
- 15 south side of the parking area, yes.
- CATHY BORTEN: As shown on --16
- 17 BRIAN SIVERLING: As shown on Exhibit 145C.
- CATHY BORTEN: And that's the -- is that -- that's the
- 19 location that requires the waiver?
- BRIAN SIVERLING: That's great.
- CATHY BORTEN: Just one moment. That's all I have at 21
- 22 this time.
- 23 TAMMY CITRAMANNIS: Mr. Chen.
- 24 BILL CHEN: Thank you, Madam Examiner. Sir, as I
- 25 explained, you are aware you are testifying in support of a

- BILL CHEN: Square footage. Land area on this
- 2 property.

- GREG DIAMOND: I'm going to object and here's the
- reason. Verizon Wireless is proposing the structure, not a
- theoretical structure. Unless Mr. Chen can --
- 6 BILL CHEN: I'm talking --
- 7 GREG DIAMOND: -- lay a foundation for --
- 8 TAMMY CITRAMANNIS: Let him finish.
- GREG DIAMOND: -- why a theoretical structure ought to
- 10 be analyzed, then only the application that is pending
- 11 ought to be cross-examined.
- BILL CHEN: Excuse me. I'm not talking about
- 13 theoretical. I'm talking about this particular
- 14 application. What is the smallest area being proposed by
- 15 Verizon for the compound area in this application?
- 16 GREG DIAMOND: Objection.
- 17 TAMMY CITRAMANNIS: (Inaudible) size the compound area
- 18 is.
- 19 BILL CHEN: The smallest --
- GREG DIAMOND: That's the -- that's what's proposed. 20
- 21 BILL CHEN: That's what's proposed.
- 22 TAMMY CITRAMANNIS: So the question is, you're asking
- 23 what size -- was the size of the compound area.
- BILL CHEN: The smallest if they're going to -- the
- 25 smallest that they can have for this operation.

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- CATHY BORTEN: That's not a relevant question.
- 2 GREG DIAMOND: Could or what's being actually applied
- 3 for?
- TAMMY CITRAMANNIS: First of all, one person can
- 5 object and argue and one person can speak at the same -- by
- themselves because otherwise, I can assure you it's not
- coming across very clear back there.
- GREG DIAMOND: (Inaudible).
- TAMMY CITRAMANNIS: And he's going to (inaudible) it
- 10 up. No. So the question is -- rephrase your question and
- 11 then --
- BILL CHEN: Well, yeah, I thought it was helping
- 13 Verizon, but I guess I'm not. What I would like to know,
- 14 is under the proposal that is before the Hearing Examiner
- 15 that's been shown on the plans that you've given us; I
- 16 think C1 shows and I believe C4 --
- 17 BRIAN SIVERLING: But an enlargement on C2
- 18 (inaudible).
- BILL CHEN: Yeah, that's right. What is the smallest
- 20 area that would be necessary for that propose conditional
- 21 use?
- 22 BRIAN SIVERLING: Well --
- 23 BILL CHEN: It's at 700 -- to help you, they are
- 24 saying 700 square foot right now.
- BRIAN SIVERLING: Right.

- 1 for two additional carriers.
- BILL CHEN: And so that, assuming this is granted,
- that can happen. We don't know when it will happen, but it
- can happen. We don't have to come back to the Hearing
- Examiner or anything like that. It will be approved for --
- yeah, three carriers.
- BILL CHEN: Okay. And I believe your plans also show
- an area for a compound for the two additional carriers.
- BRIAN SIVERLING: We do.
- 10 BILL CHEN: Okay. And how much is that area, sir? I
- 11 think it's 20 by 29. Does that sound right?
- BRIAN SIVERLING: I don't think that's -- I think
- 13 that's too big.
- BILL CHEN: Okay. I'm just going by what I --
- BRIAN SIVERLING: It's definitely 20, but this is 35.
- 16 We don't have dimension on here. I don't have a scale with
- 17 me. (Inaudible).
- 18 BILL CHEN: The land planner may.
- 19 (Crosstalk)
- 20 TAMMY CITRAMANNIS: Okay. Okay. We're still on
- 21 record.
- 2.2. BRIAN SIVERLING: Yeah, (inaudible) feet.
- 23 BILL CHEN: So it's 20 by 29.
- 24 BRIAN SIVERLING: Yes.
- 25 TAMMY CITRAMANNIS: You said 29?
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- BILL CHEN: Okay. Can it be done any smaller than 700
- square foot?
- TAMMY CITRAMANNIS: You want to know if the compound
- could be reduced --
- BILL CHEN: Yeah.
- TAMMY CITRAMANNIS: -- And still satisfy --
- BILL CHEN: What they want. What Verizon wants.
- TAMMY CITRAMANNIS: (Inaudible).
- BRIAN SIVERLING: Well, this was the layout that was
- 10 approved. I mean, we submit this stuff for Verizon. This
- 11 is what they approved. And can you tweak it here and
- 12 there? Sure.
- 13 BILL CHEN: Thank you.
- 14 BRIAN SIVERLING: But the essence of it is, that's the
- 15 size of they would prefer.
- BILL CHEN: So therefore, for the purposes of the
- 17 evaluation that the Hearing Examiner is going to have to go
- 18 through, Verizon is proposing 700 square foot for its
- 19 monopole and related equipment.
- BRIAN SIVERLING: That's what this is. If that's what
- 21 that adds up to be submitted, yes, that's what we're --
- BILL CHEN: Thank you. Okay. In addition, by virtue
- 23 of an approval of this application, two additional carriers
- 24 can be included on the monopole.
- BRIAN SIVERLING: That's great. It will be designed

- 1 BRIAN SIVERLING: Correct.
- 2 TAMMY CITRAMANNIS: Okay.
- BILL CHEN: And directing your attention to the
- 4 sliver, the hatched area on, I think it C1. Is it -- and I
- 5 apologize --
- 6 BRIAN SIVERLING: C4 I believe.
- 7 BILL CHEN: C4. I'm sorry.
- 8 BRIAN SIVERLING: (Inaudible).
- 9 BILL CHEN: Yeah.
- TAMMY CITRAMANNIS: Can you identify the number 10
- 11 (inaudible)?
- 12 BRIAN SIVERLING: 145F.
- 13 TAMMY CITRAMANNIS: Thank you.
- 14 BILL CHEN: Now, that area within that hatched area,
- 15 the sliver, currently is developed isn't that correct?
- 16 BRIAN SIVERLING: Yes, it is.
- 17 BILL CHEN: And what's in that area right now?
- BRIAN SIVERLING: Well, there is a sidewalk to the
- 19 entrance of the pool. There is some (inaudible) running
- 20 along a part of the fence to the tennis courts. Then there
- 21 is a -- as some parking spaces here as well.
- BILL CHEN: Is what -- is there a Pepco utility box
- 23 there possibly? Do you know?
- BRIAN SIVERLING: We don't identify out, but there
- 25 could be. The probably is some type of electrical service

209 211 1 with other carriers and what they generally would use. coming into the property. BILL CHEN: So that walk area is right into the main BILL CHEN: Okay. With a have a generator? 2 entrance of the swimming pool facility. 3 BRIAN SIVERLING: Some do. Some don't. BRIAN SIVERLING: I believe so, yes. BILL CHEN: Could they have some form of backup power 5 BILL CHEN: And how would the supporting structure and like you've described for the Verizon antennas? related equipment fit within that area BRIAN SIVERLING: Typically, they all have some type 6 BRIAN SIVERLING: The related equipment wouldn't fit in that area. This is just for the setback for the power BILL CHEN: Okay. And it might be batteries. It might be a generator. It might be a combination as you structure. 10 described earlier for Verizon. 10 BILL CHEN: Okay. Does that also include the 11 expansion would not be able to fit in there as well? BRIAN SIVERLING: Correct. 11 BRIAN SIVERLING: Expansion in terms of equipment? 12 BILL CHEN: Okay. As I understand your testimony, the 13 BILL CHEN: Yeah, this 20 by 29 foot. 13 actual tower to be used for this site, has not yet been 14 BRIAN SIVERLING: Yeah, you couldn't put any equipment 14 designed. 15 -- basically any equipment in there. I mean, we're just 15 BRIAN SIVERLING: That's correct. 16 looking at the tower setbacks. BILL CHEN: So at this point in time, no one knows 16 BILL CHEN: Okay. Do you know what type of equipment 17 what the camouflaged monopole will look like. 18 the additional carriers would want to include within the BRIAN SIVERLING: The intent and the reason we use 19 enclosure area? 19 what Sabre Industries provided us as an image, is that the CATHY BORTEN: Objection. He is not -- he doesn't 20 intent would be that is what Verizon would end up -- they 21 know what carriers (inaudible). 21 would go to Sabre and have the tower (inaudible). BILL CHEN: But wait a minute. Let me try 22. BILL CHEN: But you don't know what it will be yet. 23 (inaudible). 23 BRIAN SIVERLING: Excuse me. CATHY BORTEN: They all have different equipment. 24 BILL CHEN: But you don't know what is going to be. 24 25 TAMMY CITRAMANNIS: (Inaudible) what they would need 25 BRIAN SIVERLING: I don't know the exact, specific 210 212 1 (inaudible). design of the tower, no. BILL CHEN: I've asked a very simple question. BILL CHEN: Okay. And is the top of the 80 foot pole, 2 Counsel doesn't know what he's going to say. Maybe she that 28 to 30 inches, is that definitive that we can rely 4 does and wants to put words in his mouth, but it's a simple on your testimony today that the top will be 28 to 30 5 question. 5 inches? TAMMY CITRAMANNIS: Okay. Everybody is entitled to BRIAN SIVERLING: In my professional opinion, yes. I 6 7 object, but I can only hear one person at a time and we are 7 think that's an accurate estimation. 8 going to keep this smooth and orderly. No need to get 8 BILL CHEN: And the base will be no more than 54 to 56 9 upset with each other. Okay. So your question is; what 9 inches. 10 equipment would go --10 BRIAN SIVERLING: In my opinion, based on our 11 BILL CHEN: (Inaudible). 11 experience with these types of structures, I would say that 12 BRIAN SIVERLING: You wouldn't know what they would 12 is a close approximation. 13 put in, but what would they need to put in. BILL CHEN: And there will be a heavy baseplate with BILL CHEN: Yeah. I thought the question was pretty 14 holes for anchor bolts. 15 straightforward. Does he know what equipment the 15 BRIAN SIVERLING: Absolutely. 16 additional carriers would want to include in the enclosed BILL CHEN: And how big is that base, heavy baseplate 17 area? 17 and what does it consist of? TAMMY CITRAMANNIS: Versus need. BRIAN SIVERLING: Well, again, it's designed by the 18 19 tower manufacturer, but it can be -- it's really each 19 BILL CHEN: I didn't say need. 20 TAMMY CITRAMANNIS: Want is --20 manufacturer has its own protocol on how it designs their BILL CHEN: I asked what they would want to put in 21 baseplates and it can be a circle, can be a hexagon, it

22 could be any different configuration depending on how they

25 Verizon's monopole supporting structure, we do not know

BILL CHEN: So as of today, we do not know even for

23 want to anchor the anchor bolts.

22 there. That's all. He may not know. I don't know.

25 specific equipment. We based the size on our experience

TAMMY CITRAMANNIS: I would think (inaudible) carrier.

BRIAN SIVERLING: We don't know. I don't know the

23

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- what the baseplate size will be.
- BRIAN SIVERLING: That's correct.
- 2 BILL CHEN: Or what it will even consist of.
- 4 BRIAN SIVERLING: That's correct.
- BILL CHEN: But we know they are going to have to have
- a baseplate.
- BRIAN SIVERLING: It will have to be -- have a base
- pay and it will have to be designed to the industry
- standards and code requirements.
- BILL CHEN: Probably based on the design too.
- BRIAN SIVERLING: That is part of -- well, correct. 11
- 12 BILL CHEN: Okay.
- 13 BRIAN SIVERLING: The design -- still, whatever
- 14 design, whatever image it is, it still has to meet the
- 15 criteria of -- for the loading conditions as to withstand.
- BILL CHEN: And will that baseplate rest on earth?
- 17 BRIAN SIVERLING: No.
- 18 BILL CHEN: What will it rest on?
- BRIAN SIVERLING: Typically, it doesn't rest on
- 20 anything. It rests on -- the anchor bolts have a double
- 21 nut system. They -- the recommendation is actually not for
- 22 any type of ground or anything between the baseplate and
- 23 the foundation. Anchor bolts will project into the
- 24 foundation at the prescribed length depending on the forces
- 25 required.
 - BILL CHEN: What does the foundation consist of?
- BRIAN SIVERLING: As I mentioned earlier, the most
- prevalent form a foundation for monopole is a caisson,
- 4 which is basically a cylinder of concrete that long and is
- 5 round, project into the ground. As I mentioned earlier,
- 6 the geotechnical study has not been completed on this. So
- 7 that will dictate the type of foundation that will be used
- 8 for this type of structure.
- BILL CHEN: Is the caisson of a larger diameter and
- 10 circumference than the monopole itself?
- BRIAN SIVERLING: Absolutely.
- 12 BILL CHEN: Is there some correlation or size
- 13 differential that is a minimum required size differential
- 14 depending on the height of the monopole?
- 15 BRIAN SIVERLING: There is no minimum. Honestly, at
- 16 seven of concrete cover to -- per code to secure the anchor
- 17 bolts, but again, it's very much dictated on the
- 18 geotechnical profile underneath the tower and the base
- 19 circumference of the structure itself. Obviously, the
- 20 anchor bolts go outside. The bolt circle for the anchor
- 21 bolts is larger than the base of the tower.
- BILL CHEN: Will that caisson fit within the sliver? 22
- 23 BRIAN SIVERLING: Possibly.
- 24 BILL CHEN: Depending on how big a caisson they want
- 25 to use.

- BRIAN SIVERLING: Yeah.
- BILL CHEN: In your experience for a monopole of 80 2
- foot as you've described, what is the size of the caisson?
- BRIAN SIVERLING: Will again, the geotechnical
- parameters will dictate this, but what we've depicted on
- there, I think is a 7 to 8 foot diameter caisson. The
- depth of it would be strictly depended on --
- 8 BILL CHEN: The geotechnical information.
- BRIAN SIVERLING: -- The geotechnical information.
- BILL CHEN: Have you read the opinion of the board of 10
- 11 appeals on the special exception that was granted for the
- 12 site back in, I think it was '78?
- 13 BRIAN SIVERLING: I'm somewhat familiar with it. I
- 14 didn't read the entire thing.
- BILL CHEN: Do you recall there was some concern there
- 16 about the fact that the site has some issues with, I think
- 17 construction material, the material that was used for --
- 18 disposed at the site?

- BRIAN SIVERLING: No, I'm not aware of that. 19
- 20 BILL CHEN: Okay.
- 21 CATHY BORTEN: Objection. Relevance. Where we going?
- 22. TAMMY CITRAMANNIS: (Inaudible).
- 23 BILL CHEN: This is very relevant to --
- 24 TAMMY CITRAMANNIS: Overruled.
- 25 BILL CHEN: Oh. In your setback -- could you got your
 - 216
- setback exhibit just for a second, sir?
- BRIAN SIVERLING: All right.
- 3 BILL CHEN: Is that it right there?
- 4 BRIAN SIVERLING: That's it right there.
- 5 BILL CHEN: In my -- may I approach Madam Examiner?
- TAMMY CITRAMANNIS: Yes. And when you say that's it 6
- there, tell me what that (inaudible).
- 8 BILL CHEN: Yeah. And I'll try to (inaudible) --
- 9 BRIAN SIVERLING: Exhibit (inaudible) C.
- 10 TAMMY CITRAMANNIS: Okay.
- 11 BILL CHEN: -- Microphone.
- 12 BRIAN SIVERLING: Or, I'm sorry. That's --
- BILL CHEN: Sir, as I am reading the exhibit here, it
- 14 looks like your take -- you're dimensioning off the center
- 15 of the monopole for your measurements. Am I mistaken about 16 that?
- 17 BRIAN SIVERLING: On this exhibit?
- BILL CHEN: Well --18
- 19 BRIAN SIVERLING: No, not at all.
- 20 BILL CHEN: Maybe it's the -- if I may. Yes.
- 21 BRIAN SIVERLING: On our original site plan --
- 22 BILL CHEN: Yes.
- 23 BRIAN SIVERLING: -- Yes, (inaudible).
- 24 BILL CHEN: So --
- 25 TAMMY CITRAMANNIS: Which one away on now?

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BRIAN SIVERLING: Now we are on Exhibit 145C.

- BILL CHEN: This may be my ignorance, but in
- 3 determining the distance for setback, are you measuring
- therefore from the center of the monopole as part of that
- setback distance?
- BRIAN SIVERLING: We always take the measurement from
- the centerline of the pole, yes.
- BILL CHEN: Okay. And in this particular case, the
- setback that we are talking about is a zoning ordinance
- 10 setback. Is that right, sir?
- BRIAN SIVERLING: Yes. 11
- BILL CHEN: Okay. Is there a reason why you did not
- 13 measure the setback of the monopole from the surface of the
- 14 monopole rather than the center of it?
- BRIAN SIVERLING: For -- just -- I got into this
- 16 business, we've always done it from the centerline of the
- 17 pole. We don't know what the outside edge -- well, if you
- 18 want to say what the circumferences, we don't know what
- 19 that exact measurement (inaudible).
- BILL CHEN: Well, I'm not concerned about the
- 21 circumference. I'm just saying that when you're talking
- 22 about a setback distance for a structure, that -- well, let
- 23 me -- in my simplistic thinking I guess. If you're talking

2 wall, the outside wall. You don't go to the dining room,

okay. You go to the outside wall. And this particular

BILL CHEN: Thank you, very much. As I understand it,

BILL CHEN: Now, let me ask you this question. Have

BILL CHEN: Huh? We -- two witnesses ago, they were

GREG DIAMOND: So the -- it's very clear that the pole

4 case, my inquiry is, as I understand the exhibit that you

8 for the purposes of the setback of the monopole in this

9 case, as I understand your testimony, the measurement is

10 being taken to the center of the monopole rather than the

14 you done any analysis of the setback requirements for this

15 site if the monopole was deemed to be an 89 foot tall

BRIAN SIVERLING: That's correct.

- 24 about a setback for a house --
- BRIAN SIVERLING: Sure.

5 just shown us C1, which is 140 --

11 surface of the monopole.

18 that question.

20 talking about 89 feet.

BRIAN SIVERLING: 5C.

6

12

- GREG DIAMOND: But the pole structure that's being
- 2 constructed is 80 feet tall.
- 3 TAMMY CITRAMANNIS: Right. And your question is --
- 4 BILL CHEN: Is if you include --
- 5 TAMMY CITRAMANNIS: The branches.
- BILL CHEN: -- the branches. Has he done -- has he 6
- done an analysis?
- 8 TAMMY CITRAMANNIS: I'm going to allow it.
- 9 BRIAN SIVERLING: Well, we haven't moved the tower.
- 10 BILL CHEN: The question is, sir; have you done an
- 11 analysis as to whether an 89 foot tall support structure,
- 12 including the faux branches, would satisfy setbacks on this
- 13 property?
- BRIAN SIVERLING: We have not. If you -- however, we
- 15 used 80 feet with a very narrow area, but at 89, that area
- 16 will go away.
- BILL CHEN: You've done thousands of these. Isn't 17
- 18 that right, sir?
- BRIAN SIVERLING: Yes. 19
- 20 BILL CHEN: How many of those thousands have had a
- 21 setback area that is, that you have characterized as you
- 23 BRIAN SIVERLING: We don't -- we don't do thousands --
- 24 I mean, we don't all do towers. So this probably been a
- 25 handful.

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1 BILL CHEN: Okay. In Montgomery County, with an area

- setback permissible of this (inaudible) have you done any?
- 3 BRIAN SIVERLING: We have not.
- 4 BILL CHEN: Okay. And I assume, they given the
- setback requirements of the zoning ordinance and given the
- physical size of this site, it's actually pretty narrow
- when it comes right down to it in order to have a
- telecommunications tower conditional use here with the
- 9 setback requirements.
- 10 BRIAN SIVERLING: That was the purpose of the setback 11 exhibit, yes.
- BILL CHEN: To have it, you need a waiver. 12
- 13 BRIAN SIVERLING: Mm-hmm (affirmative).
- 14 TAMMY CITRAMANNIS: I'm pretty sure the answer was, 15 yes.
- BRIAN SIVERLING: I'm sorry. Yes. 16
- GREG DIAMOND: Objection. There's no foundation for 17 BILL CHEN: Oh. That quite steep area to the rear,
 - 18 have you that's where the parking spaces would go. I take
 - 19 it you've not done any analysis as to how the change in
 - 20 elevation and as the barrier relates to proposed parking.
 - 21 Is that right?
 - BRIAN SIVERLING: Well, where we are proposing the
 - 23 parking is not -- it's not steep.
 - 24 BILL CHEN: Okay. So you're not --
 - BRIAN SIVERLING: The elevation changes start beyond 25

BILL CHEN: -- You go from the property line to the

22 is 80 feet tall and there are attachments to the pole --TAMMY CITRAMANNIS: Right. 23 GREG DIAMOND: -- fake branches that go to 89 feet.

24 25 TAMMY CITRAMANNIS: Right.

16 superstructure or support structure?

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- 1 where we are proposing the parking spaces.
- BILL CHEN: Okay. It's at the base end of the steep
- part of the site.
- BRIAN SIVERLING: Yeah, it's on the existing parking
- 5
- BILL CHEN: And on the landscaping across the top of
- that edge, help me for a minute. What is being proposed to
- 8 install?
- BRIAN SIVERLING: The actual --
- 10 BILL CHEN: Yeah.
- BRIAN SIVERLING: -- elements? We have a planting 11
- 12 scheduled.
- 13 BILL CHEN: I understand.
- 14 BRIAN SIVERLING: Exhibit 145G.
- 15 BILL CHEN: Is that L1?
- 16 BRIAN SIVERLING: L1 --
- 17 BILL CHEN: Yeah, thank you.
- 18 BRIAN SIVERLING: (Inaudible). We've got planting
- 19 scheduled. Let's see; I'll use the common name because my
- 20 Latin is not real good. We've got three green mountain
- 21 sugar maples planted (inaudible). Three willow oak, also
- 22 at a 4 inch caliper. There is eight Eastern red cedar
- 23 planted at 8 to 10 feet. And 11 Miss Helen American holly
- 24 (inaudible) 8 to 10 feet. In addition, we note the mature
- 25 height, mature spread. For the green mountain sugar maple, 222
- 1 the mature height is 40 to 50 -- I'm sorry, 40 to 60 feet.
- 2 Mature spread, 25 to 45 feet. The willow oak, mature
- 3 height 40 to 75 feet. Mature spread, 25 to 50 feet. The
- 4 Eastern red cedar, mature height 30 to 65 feet. Mature
- 5 spread, 10 to 20 feet. And the Miss Helen American holly,
- 6 mature height, 15 to 25 feet. Mature spread, 10 and 18
- 7 feet.
- BILL CHEN: And how long will it take for those
- 9 maturity conditions to occur?
- BRIAN SIVERLING: I'm not a landscape architect. I
- 11 would say the maples could be 30 years. I don't know. 20
- 12 to 30 years.
- 13 BILL CHEN: Okay. Is there --
- 14 TAMMY CITRAMANNIS: Okay. Okay. Please.
- 15 BILL CHEN: They are not my clients.
- TAMMY CITRAMANNIS: They are not your clients. 16
- 17 BILL CHEN: Is there any obligation to replace any
- 18 landscaping that dies?
- BRIAN SIVERLING: Yes, typically Verizon has a
- 20 landscape agreement to --
- 21 BILL CHEN: What is that?
- 22 BRIAN SIVERLING: -- to replace anything that dies.
- 23 BILL CHEN: Do you know what it is? What is the
- 24 agreement?
- BRIAN SIVERLING: I do not know what the --

- BILL CHEN: (Inaudible) 18 months? A few years? 1
- BRIAN SIVERLING: I don't know what the terms of the 2
- agreement or.
- 4 TAMMY CITRAMANNIS: Is it in the --
- 5 CATHY BORTEN: The condition of the special exception
- 6 --
- 7 (Crosstalk)
- 8 TAMMY CITRAMANNIS: It's one of the conditions. And
- 9 remember, if you put it in there (inaudible).
- 10 BILL CHEN: Do you know the highest point on the pole
- 11 at which there will be an antenna?
- 12 BRIAN SIVERLING: 76 feet.
- 13 BILL CHEN: And --
- 14 BRIAN SIVERLING: For the (inaudible) 76 feet.
- BILL CHEN: Yes. You said the centerline was 76 feet 15
- 16 (inaudible).
- 17 BRIAN SIVERLING: Yeah, and we are assuming an 8 foot
- BILL CHEN: Gotcha. Okay. I don't have any further
- 20 questions.
- 21 TAMMY CITRAMANNIS: Okay. Ms. Wetter. Is your mic
- 22 on? (Inaudible).
- 23 CHERYL WETTER: Cheryl Wetter.
- 24 TAMMY CITRAMANNIS: Thank you.
- 25 CHERYL WETTER: Okay. The first question is, have you
- 1 taken into account with this sliver site, how people would
 - access the tennis courts? Would there be a slope? Will there be steps down? Is this then going to protrude over -
 - 4 -
 - 5 BRIAN SIVERLING: We haven't taken any of that into
 - 6 account. This was an exercise to show you where the tower
 - would go to meet the residential 300 foot setback and the
 - one-to-one structure setback.
 - 9 CHERYL WETTER: Okay.
 - BRIAN SIVERLING: So we didn't -- we haven't explored 10
 - 11 that impact at all.
 - CHERYL WETTER: As one of your conditions, I believe
 - 13 you would have to make -- correct me if I'm wrong. And the
 - 14 question is, do you have to meet the handicap access and
 - 15 the child, young child access that we had to me originally
 - 16 so they -- in other words, they never wanted kids coming
 - 17 out at the bathhouse and having to go into the parking lot
 - 18 to access the tennis courts. And often, a child signs up -
 - 19 -
 - 20 TAMMY CITRAMANNIS: You have to ask him a question.
 - 21 CHERYL WETTER: Oh, I thought I started out --
 - 22 TAMMY CITRAMANNIS: You did start out and then --
 - 23 (Laughter)
 - 24 TAMMY CITRAMANNIS: So just --
 - 25 CHERYL WETTER: Have you taken that into account and

225 227 BILL CHEN: How many times a week does the generator 1 how do you address ---BRIAN SIVERLING: As I -- as I just said, we only work? I think they mean operate. 3 looked at where it would go to meet the setbacks. We BRIAN SIVERLING: Well, the cup previously stated in 4 haven't looked at any of the design issues. my testimony that it's exercised once a month. CHERYL WETTER: So you don't even know -- you know how 5 BILL CHEN: What range of noise level does the high that base would protrude above the ground? 6 generator have? BRIAN SIVERLING: Oh, that's typically 6 inches to 12 BRIAN SIVERLING: I'm not an electrical engineer, so I inches. I mean --8 can't really tell you that. I don't have the spec in front of me, but I think that's I think it's around 50 dB. CHERYL WETTER: So (inaudible). 10 BRIAN SIVERLING: It's not ideal to put it in the BILL CHEN: What -- will any trees or bushes currently 11 at the site, be removed, or altered? And if so, how many 11 walkway, no. CHERYL WETTER: Right. Okay. And a question about 12 and what type of vegetation will be used to replace --13 this tree thing. I understand that it's going to the extra BRIAN SIVERLING: Well, right now with the pole in the 14 towers. The extra antenna would be hidden vertically. 14 parking area, the paved area, we don't intend to take any 15 Will they be hidden horizontally as well so you would --15 bushes out. There might be some minor trimming of the BRIAN SIVERLING: No, absolutely. 16 existing trees to allow the structure to go in. 17 CHERYL WETTER: Okay. BILL CHEN: The next question is; what square footage 18 BRIAN SIVERLING: Absolutely. I mean, the whole --18 of current green space would be used to build all the new 19 the purpose of raising that canopy in the tree is to 19 parking spaces? I think it's probably going to those new 20 (inaudible). I mean, everybody seen the tree poles --20 spaces in the back. Do you know how much area that's going 21 CHERYL WETTER: Right. 21 to be utilized for the spaces? BRIAN SIVERLING: That's what the antennas at the top BRIAN SIVERLING: 60 by -- I don't know. I think 23 and they look like they've got antennas at the top. It's 23 maybe 60 by 40'. It's not -- I mean, I'm -- just an 24 going to look like a tree. The intent here is to go the 24 estimation. 25 extra mile and concealed antennas. 25 BILL CHEN: This next --226 228 CHERYL WETTER: Okay. And generally, how deep does 1 TAMMY CITRAMANNIS: That's an estimation? the base have to go for the equipment bed and --2 BRIAN SIVERLING: Yes. BRIAN SIVERLING: The equipment? The pad for the BILL CHEN: This next question, I think the question equipment? as asked; where with the equipment area, the 20 by 29 space 5 CHERYL WETTER: Pad, right. be located for the two additional carriers? I think it's BRIAN SIVERLING: It only goes in for inches maybe. right next door is in it? Somewhere around there. It's just a -- just a (inaudible). BRIAN SIVERLING: Yes, it's a continuation -- it's a CHERYL WETTER: Okay. What about the tower based? continuation to the west of the existing -- the proposed --9 How deep does the ad to be bolted down or (inaudible)? 9 BILL CHEN: It's shown on one of the plans. BRIAN SIVERLING: Well, again, it's an issue of 10 BRIAN SIVERLING: It is, yeah. 11 design. Depending on the -- I'm assuming we're going to 11 BILL CHEN: How many gallons of diesel fuel will be 12 hit rock fairly quickly on this site. But the geotechnical 12 stored on the site and will it be aboveground or 13 investigation will tell us that. It will be, even if there 13 belowground? 14 is rock, it will be socketed into the rock to -- I mean, to BRIAN SIVERLING: The diesel generator will have a 225 15 properly anchor it. So the foundation is not (inaudible). 15 gallon, double-blind, UL rated tank that sits underneath CHERYL WETTER: (Inaudible). Okay. All right. I'm 16 the engine. Everything is aboveground. 16 17 finished. 17 BILL CHEN: So it will be 200 and --TAMMY CITRAMANNIS: All right. Ms. Lee? Do we have 18 BRIAN SIVERLING: 25 gallons is the capacity of the 19 any questions from individuals? No resting Mr. Chen. 19 tank. BILL CHEN: No one's handed -- I have not been handed 20 20 BILL CHEN: Thank you. Does the IBC or the TIA

23

25

21 any.

25 handwriting.

22

TAMMY CITRAMANNIS: Okay. Anybody have questions they

23 want to give to Mr. -- oh, perfect. You can hand those to

24 him. I think it's getting better at reading your

24 equipment --

22 equipment, and fencing?

BILL CHEN: Yeah.

21 mandate minimum clearances or spacings for the tower, the

BRIAN SIVERLING: Mandate spacing between the

231 BRIAN SIVERLING: -- And the ground and the tower? BRIAN SIVERLING: North to south. 1 BILL CHEN: Yeah, all this -- do you have to have 2 TAMMY CITRAMANNIS: -- West to east. 3 minimum spaces between these facilities? Do you have to 3 BRIAN SIVERLING: North to south. have a foot (inaudible)? 4 BILL CHEN: North to south. BRIAN SIVERLING: No, they're more -- they are more 5 TAMMY CITRAMANNIS: North to south. Got it. driven by the electrical code in terms of placement of 6 CATHY BORTEN: Could I ask a question on that? clearances for -- is so you have an electric panel, yet 7 TAMMY CITRAMANNIS: You may. have a 3 foot clearance in front of it. That type of 8 BILL CHEN: I'm -- I've got more. 9 thing. 9 TAMMY CITRAMANNIS: Are you done? 10 BILL CHEN: Okay. 10 BILL CHEN: I've got more. I'm not done, no. I don't BRIAN SIVERLING: They can overlap. You know, one 11 know who is giving it to me. I've just been handed various 11 12 cabinet is here, one cabinet is here. If a 3 foot I'll, 12 pieces of paper. Do you want me to finish or no? 13 your good, but no, those -- the IBC and the electrical 13 TAMMY CITRAMANNIS: Yeah, finish or -- yeah. 14 codes would maintain or mandate the clearances and spacing BILL CHEN: Okay. As to the future additional 15 between electrical components. 15 carriers, your testimony is that apparently, we don't know BILL CHEN: Now, going to the Exhibit 145F, we are 16 who those carriers will be right now or if they will even 17 talking about the 80-foot monopole that you are proposing. 17 be there --BRIAN SIVERLING: Yeah. The setback exhibit? 18 BRIAN SIVERLING: That's correct. 19 BILL CHEN: Yeah. BILL CHEN: That there will be (inaudible). I take it 20 BRIAN SIVERLING: 145F. 20 that, like Verizon, those additional carriers would have to 21 BILL CHEN: Yeah. And it's the support structure 21 negotiate a lease arrangement with the East Gate Recreation 22 within that slivered area. Will the entire support 22 Association. Is that right? 23 structure, including the caisson, fit within that slivered GREG DIAMOND: Objection. It's beyond the scope of 24 area? (Inaudible) scale. 24 this witness's --BRIAN SIVERLING: Again, do we have the actual design, 25 BILL CHEN: No, it isn't. 230 232 1 we don't know. It's very close. TAMMY CITRAMANNIS: Do you know the answer to that 1 BILL CHEN: Again, sticking with that exhibit, this question? 2 2 other, what is the measurement from north to south of the BRIAN SIVERLING: I just know Verizon is leasing the 4 thin, shaded strip that is designated as the alternate cell area that they are enclosing. 5 tower location, i.e., the smaller dimension? 5 BILL CHEN: Okay. I think that answers the question. BRIAN SIVERLING: (Inaudible) scale. If the expanded enclosure area subject to the lease between TAMMY CITRAMANNIS: Say that again. Asking the Verizon and East Gate Recreation Association? dimension of the hatched areas? 8 BRIAN SIVERLING: I'm not familiar with the lease BILL CHEN: I'll read the question again. 9 terms. 10 TAMMY CITRAMANNIS: Okay. 10 BILL CHEN: So you don't know if the expanded areas BILL CHEN: On Exhibit 145F, what is the measurement 11 covered by the existing lease? 12 from north to south of the thin, shaded strip that is GREG DIAMOND: Objection. Asked and answered. 13 designated as the alternate cell tower location? I think -13 BILL CHEN: Well, I don't think you've answered it. 14 - I think Ms. Wetter is correct, there probably talk about 14 GREG DIAMOND: It did. You asked him and he said he 15 that --15 hadn't read the lease. TAMMY CITRAMANNIS: (Inaudible). BILL CHEN: Is that your answer, sir? 16 16 BRIAN SIVERLING: I think he's talking about the 17 BRIAN SIVERLING: That's correct. 18 highlighted area. With this scale (inaudible) 50, it 18 BILL CHEN: Okay. 19 ranges roughly 6 feet at the narrowest, 8 feet at the 19 BRIAN SIVERLING: I don't know what's in the lease. 20 widest. It's not a -- it's an oblong shape due to the 20 BILL CHEN: That's fine. I accept that. In 21 (inaudible) for the setbacks. 21 determining the landscape is being proposed along the

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22 northern boundary, was there any agreement reached or

TAMMY CITRAMANNIS: Anything with East Gate, I mean,

23 negotiation with the East Gate Recreation Association

24 relative to what that landscaping would be?

BILL CHEN: The width varies (inaudible).

BRIAN SIVERLING: The width varies, but I would say 6

TAMMY CITRAMANNIS: Six to eight feet from --

23

24 to 8 feet.

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1 the lease is in --

- 2 BILL CHEN: East Gate is the owner of the land.
- 3 TAMMY CITRAMANNIS: Understand, but the lease is
- 4 already in the -- I don't know if this is the person to ask
- 5 about the lease (inaudible).
- 6 BILL CHEN: No. This area is not subject to at least.
- 7 TAMMY CITRAMANNIS: What are you talking about? I
- 8 mean --
- 9 BILL CHEN: The landscape. The landscape area up on
- 10 Snug Hill Lane where he's testified --
- 11 TAMMY CITRAMANNIS: (Inaudible).
- 12 BILL CHEN: The question was, was that landscape
- 13 proposal negotiated with East Gate Recreation Association.
- 14 TAMMY CITRAMANNIS: And he said he hasn't read the 15 lease.
- 16 BILL CHEN: But that -- it's not part of the lease.
- 17 The lease doesn't go to the subject. The landscape -- the
- 18 lease, goes to the site for the conditional use. The
- 19 landscape area is totally outside that area. It's not
- 20 subject to the lease.
- 21 TAMMY CITRAMANNIS: Okay.
- 22 BILL CHEN: So that's why the question -- I think the
- 23 root of the -- the reasoning behind this question is, has
- 24 -- apparently Verizon negotiated or reached an agreement
- 25 with the property owner, in this case, in that area, east
- 234
- 1 Gate, as to what would be the landscaping that would go
- 2 into the area. I think that's where they're trying to get
- 3 it
- 4 GREG DIAMOND: Objection. For many reasons. First of
- 5 all, this isn't -- this is a witness who is done the
- 6 engineering, not the legal. The legal is not an issue.
- 7 The contents of the lease are not really at issue in the
- 8 zoning hearing.
- 9 TAMMY CITRAMANNIS: I agree.
- 10 BILL CHEN: Okay. So if I may then, on the half of
- 11 this question; so you are testifying that there is a
- 12 proposal for landscaping where you've indicated, but you
- 13 don't know of any basis for which it could be installed.
- 14 GREG DIAMOND: Objection. Same.
- BRIAN SIVERLING: I'm not following the question.
- 16 GREG DIAMOND: I've checked on --
- 17 TAMMY CITRAMANNIS: Yeah, I'm not following your --
- 18 BILL CHEN: I apologize if I'm not clear, but they are
- 19 proposing landscaping part of this property.
- 20 TAMMY CITRAMANNIS: Understand. Understand that part.
- 21 You're wondering if that permission to do that.
- 22 BILL CHEN: I think that's the questioner wants to
- 23 know about.
- 24 TAMMY CITRAMANNIS: Right. And I don't understand the
- 25 relevance for the engineer as to whether -- I mean --

- BILL CHEN: Well, excuse me. I appreciate that. If
- 2 is going to be the witness to testify about landscaping,
- 3 then is going to take the bad with the good. You know, if
- 4 you're going to tell -- if you're going to represent what
- 5 is going to be landscaping, you also have the obligation to
- 6 explain how that could come about. And I think that's what
- 7 this questioner is getting at.
- 3 TAMMY CITRAMANNIS: Okay. So --
- 9 BILL CHEN: And I think that's a fair question.
- 10 TAMMY CITRAMANNIS: So you want to make sure that the
- 11 proposal can actually happened because it's -- okay. Got
- 12 it.
- 13 BILL CHEN: So --
- 14 TAMMY CITRAMANNIS: If he knows the answer.
- 15 GREG DIAMOND: I have checked that this is the wrong
- 16 witness, but East Gate is a co-applicant for the special
- 17 exception.
- 18 TAMMY CITRAMANNIS: Yes.
- 19 GREG DIAMOND: It's not like we're going off site and
- 20 there is some unknown third-party US to grant us rights.
- 21 BILL CHEN: Well, to the extent --
- 22 TAMMY CITRAMANNIS: Okay.
- 23 BILL CHEN: Look, I respect -- if this is not the
- 24 right witness, I respect -- I have the whole day
- 25 (inaudible).

- 1 TAMMY CITRAMANNIS: I'm picking this is not the right
- 2 witness, but they also make a very good point that East
- 3 Gate, who does on the property, as part of the case and
- 4 they are presenting this as co-applicant.
- 5 BILL CHEN: Fine. I accept that.
- 6 TAMMY CITRAMANNIS: Whether or not they've gone to the
- 7 board to do anything, that's not (inaudible).
- 8 BILL CHEN: I'm not (inaudible). I understand that.
- 9 However, and I'm trying -- I don't know who did this
- 10 question. I don't know anything about it, but I --
- 11 TAMMY CITRAMANNIS: We'll give it another second and
- 12 we're going to move on.
- 13 BILL CHEN: If landscaping along that northern edge is
- 14 part of this application, then there has to be a witness
- 15 they can explain how that's going to be done, okay. You
- 16 can't just say we're going to do this and not explain how
- 17 it's going to be done if you're not the property owner and
- 17 it's going to be done if you're not the property owner and
- 18 you don't have a right.
- 19 TAMMY CITRAMANNIS: Well, they are applying for
- 20 conditional use and that's one of the conditions, they
- 21 can't do it without meeting all of the conditions. So I'm
- 22 not sure that I feel like you're getting into the weeds of,
- 23 well, they might change their mind and not allow -- I mean,
- 24 they arty have a lease.
- 25 BILL CHEN: Again, and this will be my last comment,

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1 in fairness to the questioner, the person, this application

- 2 is not for the entire site. This application is for that
- 3 700 square feet area that is (inaudible). In fact, even
- 4 the modification, you heard the testimony from Mr. Landfair
- 5 this morning, the modification goes to that 700 square feet
- 6 and some parking down the road, down the way. It does not
- 7 include this area at all. So I respect what you're saying
- 8 Madam Examiner, but the point is, if there is that in fact,
- 9 that there is totally outside the scope of the conditional
- 10 use and of their application. And if they are relying upon
- 11 this landscape and as part of their application -- if this
- 12 is not the right witness for it, I respect that, but
- 13 there's still, nonetheless, has to be a witness to address
- 14 this issue.
- 15 TAMMY CITRAMANNIS: Is there anybody who is going to
- 16 be able to address that besides the co-applicant who is
- 17 submitted Nice in joint with
- 18 GREG DIAMOND: Of course. There is also pending the
- 19 amendment to the original special exception to do two
- 20 things. One, move, rearrange parking spaces. Those park
- 21 -- the rearrange parking spaces are not part of the
- 22 conditional use for Verizon Wireless. They are part of the
- 23 original swimming pool special exception. And the new
- 24 landscaping is on the space of the original swimming pool
- 25 special exception and it's being done for the benefit of
- 238
- 1 helping to screen Verizon Wireless's conditional use. But
- 2 just like the parking spaces, it's just being done as a
- 3 modification of the original special exception.
- TAMMY CITRAMANNIS: But is also going to -- you're
- installing that to go to compatibility and visibility to
- 6 reduce it for the conditional use. So it is relevant in
- 7 that regard, but I'm -- but in terms of if East Gate is a
- 8 co-applicant and they are a green to these plans, then I
- 9 don't know that we go any further than to imply that they
- 10 had the authority to say, yes, we will agree to additional
- 11 landscaping. Yes, we will agree to the --
- BILL CHEN: You mean the applicant? East Gate?
- 13 TAMMY CITRAMANNIS: East Gate, yes.
- 14 BILL CHEN: Yes. Yes, that's what I'm --
- 15 TAMMY CITRAMANNIS: Are we on the same page?
- 16 BILL CHEN: Please, that's exactly right.
- 17 GREG DIAMOND: Yes.
- BILL CHEN: You and I are. That's right. By the way,
- 19 Mr. Diamond is a little bit erroneous. The modification
- 20 request that I see says nothing about landscaping on the
- 21 northern edge.
- 22 TAMMY CITRAMANNIS: You're correct.
- 23 BILL CHEN: So he makes the representation, but I
- 24 don't see and application.
- TAMMY CITRAMANNIS: But you are correct.

- BILL CHEN: Yeah, I think I --
- TAMMY CITRAMANNIS: Okay. So can we move on?
- BILL CHEN: Yeah. Okay. I'm going asked the
- question, but I think this is saying that is going to be
- subject your ruling I think. Is there any obligation to
- consult with East Gate Recreation Association regarding
- plantings and altering all of the parking? That's a fair
- 8 question.
- TAMMY CITRAMANNIS: And when you say East Gate
- 10 Association, you me the co-applicant?
- BILL CHEN: Yeah. I mean --11
- TAMMY CITRAMANNIS: They are presenting. This is 12
- 13 their application.
- BILL CHEN: Okay. I abide by that rule. I assume
- 15 that's the rule.
- TAMMY CITRAMANNIS: Yes, that is. 16
- 17 BILL CHEN: You may be answered this and I apologize,
- 18 but it's my memory, but someone's memory. How many backup
- 19 batteries will be used by Verizon?
- BRIAN SIVERLING: I have -- it depends on the power
- 21 configuration that we put in. It could be a full cabinet
- 22. of batteries or could be a cabinet with equipment and
- 23 batteries below it. So I don't have an exact number.
- 24 BILL CHEN: When you say full cabinet, how many are we
- 25 talking about?

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- BRIAN SIVERLING: Probably three racks of four per
- 2 rack.

- 3 BILL CHEN: Are they lead or acid?
- 4 BRIAN SIVERLING: I believe they are lead.
- BILL CHEN: Does Verizon have to do any hazmat
- 6 reporting to the county or any other government authority
- relative to those batteries?
- BRIAN SIVERLING: I don't know what Verizon is
- 9 required to report.
- BILL CHEN: Do you know of any safety standards that
- 11 Verizon has to follow with regard to the use of those
- 12 batteries or any other equipment?
- BRIAN SIVERLING: I know they have strict standards,
- 14 but I don't know the percent, the actual process.
- BILL CHEN: Do you have any photo sims or -- excuse
- 16 me. Have you seen any exhibits or photo simulations that
- 17 would show how the proposed landscaping on the northern
- 18 edge of the property (inaudible) would shield the
- 19 conditional use from people outside the property?
- 20 BRIAN SIVERLING: I have not.
- 21 CATHY BORTEN: I have just a couple of redirect if you
- 22 like me to wait until after you go or --
- TAMMY CITRAMANNIS: Okay. I mean, that might be 23
- 24 helpful because then --
- 25 CATHY BORTEN: Okay.

243 TAMMY CITRAMANNIS: First of all, let's see. BRIAN SIVERLING: Well, I don't run the schedule, so I 2 CATHY BORTEN: Yeah, I did --3 TAMMY CITRAMANNIS: The backup batteries, is that --TAMMY CITRAMANNIS: Okay. 4 BILL CHEN: Excuse me Madam Examiner. Part of me. I 4 BRIAN SIVERLING: But it does have to be exercised 5 periodically on a continuous schedule to make sure it's TAMMY CITRAMANNIS: Oh. 6 running properly. BILL CHEN: She did have a question. TAMMY CITRAMANNIS: And do -- you don't know the type TAMMY CITRAMANNIS: You did have a question. My 8 of generator with regards to the sound is going to make? When it will make the sound? Whether mufflers are needed? apologies. CHERYL WETTER: I can wait if you need. 10 Any details with regards to --TAMMY CITRAMANNIS: Okay. While we wait until I BRIAN SIVERLING: I don't have a lot of details on it. 11 12 finish. 12 You know, I'm not the electrical guy. 13 CHERYL WETTER: Okay. No, that's fine. TAMMY CITRAMANNIS: Is there someone here who will be TAMMY CITRAMANNIS: It might generate and then that | 14 able to talk more about the generator? 15 way we will all ask one time. The backup batteries, that GREG DIAMOND: No. The question I would ask is 16 anywhere in the plan? I don't recall ever seen anything, 16 whether it's designed to code. TAMMY CITRAMANNIS: That's --17 any specifics about the backup batteries. 17 BRIAN SIVERLING: We show equipment cabinets. The 18 GREG DIAMOND: There is a Montgomery County ordinance 19 batteries are housed in one of those. 19 on noise and generators. And will this one be designed to TAMMY CITRAMANNIS: And what are -- what is the 20 satisfy the Montgomery County --21 difference between the backup battery and the generator was 21 BRIAN SIVERLING: Yeah, it complies with all --22 what I don't understand. I heard you say the generator 22. GREG DIAMOND: -- noise ordinances. 23 regenerates the batteries. 23 BRIAN SIVERLING: -- noise ordinances. Yeah, it BRIAN SIVERLING: Yeah, it's a current issue. The 24 complies with all that. 25 equipment runs on DC power (inaudible) AC that you would 25 TAMMY CITRAMANNIS: Right, but at this location, how 242 244 1 use for plugging in an outlet. So the batteries provide far does the noise travel to the nearest residents? I need 2 the DC current. The generator provides -- it basically to know if there's going to be any kind of noise impact. 3 generates AC current and as a converter that recharges the So if you know the answer to that --4 batteries. It's the DC current. BRIAN SIVERLING: It's fine. I couldn't tell you the TAMMY CITRAMANNIS: Okay. And with regards to answer to that. 6 maintenance of the generator, I've heard you say it is 6 TAMMY CITRAMANNIS: So there was no sound studies or remotely turned on from the Verizon --7 anything? BRIAN SIVERLING: Correct. It's --BRIAN SIVERLING: Not to my knowledge. TAMMY CITRAMANNIS: -- to --9 TAMMY CITRAMANNIS: Okay. And 25 -- 225 gallon 10 capacity. How often does have to be refueled? BRIAN SIVERLING: It can be remotely run. It's also 11 censored. It has alarms on it and that's -- that show up BRIAN SIVERLING: Well, I do know the generator burns 12 at their monitoring stations. So they can run it. If it 12 -- it's roughly 2.8 gallons per hour at full capacity. So 13 doesn't run and perform properly, they may send a 13 even if they exercised it, say twice a month, worst-case 14 technician out to investigate what the problem is. 14 scenario, for half an hour, that's 2.8 gallons a month. 15 You typically have got to have at least a 24-hour run time TAMMY CITRAMANNIS: Somewhere in the application I've 16 seen different frequencies. You said once a month. Or 16 on the generators. So --17 what did -- what did you say it --17 TAMMY CITRAMANNIS: What does that mean? Twenty-four BRIAN SIVERLING: I said it gets exercised once a 18 hour run time? 19 month. They may visit for --BRIAN SIVERLING: The generator can run continually 20 for 24 hours. Say you lose power. They want to be able --20 TAMMY CITRAMANNIS: Generator? 21 BRIAN SIVERLING: The generator gets exercised once a 21 they need a window --22 TAMMY CITRAMANNIS: Oh, I see what you're saying. 22 month, yeah. TAMMY CITRAMANNIS: Once a month. Because elsewhere 23 BRIAN SIVERLING: -- to be a go refuel it again. You

25 four --

24 know what I mean? So if you do -- what's that? Twenty-

24 in the documents, I saw every other week for 30 minutes.

25 Once a week.

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TAMMY CITRAMANNIS: You're the engineer. 1 pushed. We will just do it straight like a fly ball. All 2 BRIAN SIVERLING: Okay. the load has to go from up here to the base. So when they TAMMY CITRAMANNIS: Lawyers don't -- we hire people to engineer the structures, that's got to be the strongest account for us. component --BRIAN SIVERLING: Twelve months, twenty-four 5 TAMMY CITRAMANNIS: Oh, okay. exercises, that's half an hour of peace. So it's 12 hours. BRIAN SIVERLING: -- of the structure. And they We'll use 3 gallons an hour just to make it easy. Thirtytypically (inaudible) sections. An 80-foot tower is six gallons. You still have a capacity of 190 gallons, 185 probably two sections because they just slide them onto gallons, right? So even if you ran it for -- you still each other or pull them onto each other. Typically, they 10 have an hour -- well, if it's a 24 runtime, because 24 10 slide them over each other. So the tower companies, they 11 hours is -- 24, 48, say 75 gallons. So you still have --11 don't want to make this section the same thickness all the 12 so realistically, they may refuel this once a year. 12 way up because it makes it very expensive. So at the tower TAMMY CITRAMANNIS: Okay. And when they -- when it --13 gets up, you need less strength and that structure at the 14 how do you get the fuel in there? What type of -- if you 14 top than you do at the bottom because it just has to carry 15 know, how would the fuel come in? 15 this much load. This guy has got to carry everything at BRIAN SIVERLING: That would be similar to a -- if you 16 the bottom. So typically, the monopole structures that 17 have an oil burning furnace. It still going to be a --17 I've seen, cases where they failed, they typically fail TAMMY CITRAMANNIS: No, not that old. So what does 18 right above that first joint because that top section is 19 that mean? 19 and as heavily designed as the bottom section. So it just 20 BRIAN SIVERLING: I wasn't --20 kind of falls over on itself. There are cases where a 21 TAMMY CITRAMANNIS: No. I don't know the size. I 21 tower has fallen completely off, but typically, that's got 22 don't have a picture in my head as to how big (inaudible). 22 to be some type of design flaw. The manufacturers that we 23 BRIAN SIVERLING: Well, in terms of home fuel, it's a 23 deal with and Verizon deals with, I believe, in my opinion, 24 --24 have a very strong record of maintaining structure. The 25 TAMMY CITRAMANNIS: Like a dump truck? TAMMY CITRAMANNIS: You mentioned Sabre Industries. 246 248 BRIAN SIVERLING: Yeah, it's a tanker. 1 BRIAN SIVERLING: Uh-huh (affirmative). TAMMY CITRAMANNIS: Okay. As opposed --TAMMY CITRAMANNIS: So that -- they are the ones that 2 BRIAN SIVERLING: It's a small, single axle thing. provided the models? Is that what you're saying? TAMMY CITRAMANNIS: Is not like the ones we see at the BRIAN SIVERLING: They provided the image, yes. gas station? 5 TAMMY CITRAMANNIS: Okay. 6 BRIAN SIVERLING: No, it's not a supertanker, a full BRIAN SIVERLING: It was one of their tree poles. They do manufacture and they are one of the industry TAMMY CITRAMANNIS: Okay. And are you the person that leaders in our manufacturing. addresses the fall zone of the tower? TAMMY CITRAMANNIS: One more question on the antennas. BRIAN SIVERLING: Well, I don't know. In my 10 The first -- you said they are 8 feet tall. Is that right? 10 11 experience, McGovern County doesn't have a fall zone 11 BRIAN SIVERLING: I believe that's what they are 12 requirement. 12 proposing. TAMMY CITRAMANNIS: No, I just want, based on the 13 TAMMY CITRAMANNIS: But it's at 76 centered. 14 height, and not knowing enough about, towers is going to 14 BRIAN SIVERLING: That's typically the maximum. 15 fall over, how --15 TAMMY CITRAMANNIS: Does that mean that --BRIAN SIVERLING: So --BRIAN SIVERLING: Four feet above, four feet below. 16 16 17 TAMMY CITRAMANNIS: Is the 80 feet or is it a touch --17 TAMMY CITRAMANNIS: So, okay. Then that will -- it BRIAN SIVERLING: Very, very seldom does a tower fall 18 won't extend beyond 80. 19 19 over at a one-to-one ratio. The way the structures are BRIAN SIVERLING: So that picture top and 80. 20 designed, the strongest component of the structures the 20 TAMMY CITRAMANNIS: It won't extend beyond 80. 21 base because just the -- a cantilever -- do you understand 21 BRIAN SIVERLING: And then you got another 9 feet to 22 what a cantilever is? 22 --23 23 TAMMY CITRAMANNIS: (Inaudible). TAMMY CITRAMANNIS: Okay. I wasn't sure where -- what 24 BRIAN SIVERLING: When you have something to hang out 24 that meant. Okay. I don't have any questions, any more 25 here and is anchored back here so everything is getting 25 questions. Did that generate any more questions from the

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- applicant was Mark then I'll ask you all.
- CATHY BORTEN: Mr. Siverling, about the batteries, are
- there standards for that that you would (inaudible)?
- BRIAN SIVERLING: Absolutely. They are all UL rated
- and they are very strict standards.
- CATHY BORTEN: And is that something that's handled at
- the building permit stage?
- 8 BRIAN SIVERLING: That's correct. Yeah, all the
- information will be submitted (inaudible).
- CATHY BORTEN: And I just want to be clear that any
- 11 noise that the generator may make, with that comply with
- 12 the relevant noise ordinance of the county?
- 13 BRIAN SIVERLING: Absolutely.
- 14 CATHY BORTEN: And I know there was a lot of talk
- 15 about --
- TAMMY CITRAMANNIS: Wait a minute. Somebody's mic is
- 17 off. Him?
- 18 CATHY BORTEN: I'm on.
- 19 TAMMY CITRAMANNIS: Oh, no. Red.
- 20 BRIAN SIVERLING: Sorry about that.
- 21 CATHY BORTEN: Okay. So --
- 22. TAMMY CITRAMANNIS: Has he been on this whole time?
- 23 BRIAN SIVERLING: I haven't touched it.
- 24 COURT REPORTER: I got most of it.
- 25 (Laughter)

- 250
- COURT REPORTER: I could hear it, which is a little
- bit lower because (inaudible).
- CATHY BORTEN: Did you get the batteries? Did you get
- the last part about the batteries?
- 5 COURT REPORTER: (Inaudible).
- 6 CATHY BORTEN: All right.
- BRIAN SIVERLING: I don't want to start over.
- CATHY BORTEN: I just want to be real clear that the
- 9 location shown on Exhibit 145F, as in Frank, okay; it's
- 10 Verizon wireless actually proposing to build in that area
- 11 or was that an academic exercise to meet the requirements
- 12 of the code to show compliance to get the waiver.
- BRIAN SIVERLING: That was an academic exercise to
- 14 show where the tower would have to be placed to meet both
- 15 the 300-foot residential setback and the one-to-one setback
- 16 for the tower from the property line.
- CATHY BORTEN: But that's not the site that there are 18 proposing (inaudible).
- BRIAN SIVERLING: That is not where they are proposing
- 20 to place the tower.
- 21 CATHY BORTEN: Thank you.
- 22 TAMMY CITRAMANNIS: Ms. Wetter, I'm going to let you
- 23 go first.
- CHERYL WETTER: Okay. My first question is, on that
- 25 sliver of land where I know you do not vertically want to

- 1 place this, but on that sliver of land, doesn't your
- proposal take away the sidewalk which is mandated to allow
- the people access?
- BRIAN SIVERLING: Well, again, we have not studied
- that sliver of land as to where the tower would fit. We're
- just showing where it would comply to the setback
- requirement.
- 8 CHERYL WETTER: When you put the tree structure ranges
- on this, does that make it less stable? Is it getting --
- 10 you described it as there is less going up here, but now
- 11 once you have the extra antennas on and once you have the
- 12 foliage on, doesn't that make that top part kind of top-
- 13 heavy then?
- BRIAN SIVERLING: Absolutely not because it's not like
- 15 you are buying a broomstick at Home Depot. They designed
- 16 the structure specifically for that additional exposure,
- 17 wind exposure, ice exposure, because of the branches. I
- 18 mean, that's -- it's not one size fits all. It's designed
- 19 exactly with the loading criteria that particular structure
- 20 has to withstand. So it's -- they are not just pulling
- 21 them off the shelf. It's designed specifically. And
- 22 that's one of the reasons why they don't do it ahead of
- 23 time. They need to know exactly what the criteria is to
- 24 engineer it.
- 25 CHERYL WETTER: Does Montgomery County have a code or

anyone have a code to monitor the life of these batteries?

- I mean, how do we know when they need replacement?
- BRIAN SIVERLING: I don't know the answer to that.
- 4 CHERYL WETTER: So no one would be in charge of
- knowing when the batteries need replacing or they are
- leaking?
- BRIAN SIVERLING: No. I know Verizon has that's all
- their equipment is alarmed. I'm sure they have monitoring
- systems for that because they want that backup capability.
- 10 But I can't answer to how they do it or who is in charge of
- 11 it.
- CHERYL WETTER: Okay. I'm not asking a question about
- 13 whether the battery is failing. I guess I'm asking more
- 14 about it leaking. Does that happen?
- 15 BRIAN SIVERLING: Again, there are sensors on the
- 16 equipment to detect any kind of fuel leak, battery leakage,
- 17 or any of that type of thing. So there -- if somebody is
- 18 keeping track of it.
- 19 CHERYL WETTER: That's it.
- 20 TAMMY CITRAMANNIS: Mr. Chen.
- 21 BILL CHEN: A couple. May have just answered the one.
- 22 TAMMY CITRAMANNIS: Okay.
- 23 BILL CHEN: The question is, is there possibility of
- 24 fire from batteries, generators, and fuel?
- BRIAN SIVERLING: Combined or --

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- 1 BILL CHEN: (Inaudible).
- 2 BRIAN SIVERLING: I can't really answer the
- 3 probability of that happening.
- BILL CHEN: How do they handle bit batteries?
- 5 CATHY BORTEN: The place or -- objection.
- 6 BILL CHEN: The word is, handle.
- 7 CATHY BORTEN: I -- it's not really an objection. He
- 8 says that I think those are operational. That's not an
- 9 element of the conditional use, is when you replace the 10 batteries.
- 11 TAMMY CITRAMANNIS: Well, the issue of batteries, I
- 12 have to that I believe may go to safety. So the idea of
- 13 whether it leak so it doesn't like that, I think is
- 14 relevant. How is recharge, I mean, if you know the answer.
- 15 I don't know that -- I don't know if -- yeah. I don't know
- 16 that that is a safety issue, but, you know, the question on
- 17 leaking, I think it's important to know.
- 18 CATHY BORTEN: I understand that. I'm just -- I think
- 19 he has testified that there are building code standards and 20 he lets go standards --
- 21 TAMMY CITRAMANNIS: Correct.
- 22 CATHY BORTEN: -- that it would have to comply with or |22
- 23 they will get the permit.
- 24 TAMMY CITRAMANNIS: Correct.
- 25 CATHY BORTEN: That detail comes in (inaudible).
- TAMMY CITRAMANNIS: But I think the laypeople are
- 2 asking for just a little bit of clarification on that
- 3 without saying go look at the building code. Just general
- 4 terms is basically how I'm --
- 5 BRIAN SIVERLING: Yeah, I mean, if I could just offer
- 6 this; I'm in the -- I'm on the front side. We design it.
- 7 We don't maintain it.
- 8 TAMMY CITRAMANNIS: Okay.
- 9 BRIAN SIVERLING: But I am very aware that Verizon's
- 10 environmental group and their technicians have very strict 11 protocols on handling all this stuff.
- 12 BILL CHEN: That, again, just to come back to this
- 13 question. You're not aware of what the specific protocol
- 14 is if there is a battery?
- 15 BRIAN SIVERLING: That's correct. I do not know.
- 16 BILL CHEN: What about artificial branches coming off
- 17 and falling? That's the question.
- 18 TAMMY CITRAMANNIS: (Inaudible). You want to --
- 19 BILL CHEN: Does that happen and what is --
- 20 CATHY BORTEN: Do the branches --
- 21 BRIAN SIVERLING: I really don't -- I really can't
- 22 answer that. I don't -- I mean, we are not responsible for
- 23 designing the tower. The manufacturer does. So, I mean, I
- 24 don't have the history on that.
- 25 BILL CHEN: You know the weight of the branches?

- BRIAN SIVERLING: I do not.
- 2 BILL CHEN: Okay. You said that the sliver area was
- 3 an academic exercise. I believe that's what --
- BRIAN SIVERLING: That was the question that was asked
- 5 to me as -- was it an academic question. I said, yes, it's
- 6 basically -- it was an exercise to identify the area where
- 7 the tower would meet setbacks.
- 8 BILL CHEN: Did you determine that area pursuant to a
- 9 survey?
- 10 BRIAN SIVERLING: Yes, we had a survey and we
- 11 basically offset the distances from each -- from the
- 12 proximity of each structure. We did and offset of the
- 13 required setback and that's the area that we ended up with.
- 14 BILL CHEN: Have you reviewed Exhibit 191J? Do know
- 15 what that is, sir?
- 16 BRIAN SIVERLING: No idea.
- 17 BILL CHEN: It's another illustration of the setback
- 18 area. Now just, you have not had a chance to look at it.
- 19 BRIAN SIVERLING: I'd have to see it to see if I -- if
- 20 we produce or what.
- 21 BILL CHEN: No, you didn't produce it.
- 22. BRIAN SIVERLING: I have not seen it.
- 23 BILL CHEN: Okay. And I've been handed one --
- 24 TAMMY CITRAMANNIS: All right.
- 25 BILL CHEN: Does Verizon contract out maintenance of
- 254 are 1 its cell sites?
 - 2 TAMMY CITRAMANNIS: Do you know the answer to that
 - 3 question?
 - BRIAN SIVERLING: I don't know the answer to that, no.
 - 5 TAMMY CITRAMANNIS: Okay. Ms. Lee, do you have any
 - 6 questions? Okay. (Inaudible) do you have any. I think
 - 7 you can go now. Thank you.
 - 8 BRIAN SIVERLING: Thank you, very much.
 - 9 CATHY BORTEN: Thank you.
 - 10 TAMMY CITRAMANNIS: Okay. (Inaudible) we have -- it's
 - 11 4:00. I would like to take a 5 minute, 10 minute, quick
 - 12 restroom break.
 - 13 BILL CHEN: I can't imagine.
 - 14 TAMMY CITRAMANNIS: I'm almost done. I forgot to
 - 15 mention earlier with the cafeteria was. It's downstairs,
 - 16 but you don't need that right now. There is a bathroom
 - 17 here on each floor. So I apologize for not --
 - 18 BILL CHEN: How long will the break be?
 - 19 TAMMY CITRAMANNIS: It's 4:00. We will -- I mean,
 - 20 it's 10 to 4:00. We will stop -- start promptly at 4:00.
 - 21 So but he has time to go down or up or whatever. Okay. We
 - 22 are off the record.
 - 23 (Off the record.)
 - 24 (On the record.)
 - 25 BILL CHEN: Thank you.

259 TAMMY CITRAMANNIS: Back to your positions. Okay, TAMMY CITRAMANNIS: Do you have any questions for him? 2 we're going to start. So if y'all want to take your seat 2 BILL CHEN: If his -- I mean, sir, you are a site 3 or you take your conversation outside in the hall. It's acquisition person. 3 4:00. We're going to go back on the record. Ms. Borten, 4 ROBERT POSILKIN: That is correct. you want to your next witness? BILL CHEN: So you recommend sites to Verizon to CATHY BORTEN: Yes, thank you. Bob Posilkin. purchase or have the lease arrangement to install and I TAMMY CITRAMANNIS: Everybody's mics are on, right? assume, a telecommunications facility of some sort. Why don't you test it? Oh, it needs to be red. All right. ROBERT POSILKIN: Correct. 9 Raise your right hand. You promise to tell the truth, the BILL CHEN: How do you determine the need for 10 whole truth, and nothing but your truth in your testimony 10 acquiring such a site either fee or a leasehold? 11 today under the penalty of perjury? ROBERT POSILKIN: I actually do not determine the need 12 ROBERT POSILKIN: I do. 12 the need is given to me and identified by Verizon Wireless 13 TAMMY CITRAMANNIS: State your name and your address 13 as a result of their analysis of areas that they -- in 14 and wait for Ms. Borten's questions. 14 which they have coverage. BILL CHEN: Gotcha. So they tell you, we have ROBERT POSILKIN: My name is Robert Posilkin. My 16 business address is 9115 Guilford Road, Columbia, Maryland, 16 determined we need a need at this location. Can you help 17 21005. 17 us find the location? ROBERT POSILKIN: More specifically, they drew -- they 18 CATHY BORTEN: Mr. Posilkin, I'm going to see what's 18 19 been marked as Exhibit 180G. Can I ask you to identify 19 literally draw a circle on a map and say, this is an area 20 in which we need to have improved telecom services for our 21 ROBERT POSILKIN: This is a copy of my resume. 21 customers. And that they expect that I will be able to go CATHY BORTEN: Where are you currently employed? 22. 22 into the field and find the proper real estate, preferably ROBERT POSILKIN: I'm currently employed at Mastech, 23 within that ring --24 M-A-S-T-E-C, LLC, and Columbia Maryland. 24 BILL CHEN: Sure. You would --CATHY BORTEN: And what sort of work do you do for 25 ROBERT POSILKIN: -- In order to install facilities to 258 260 1 Mastech? 1 meet that objective. ROBERT POSILKIN: I do site acquisition work as a BILL CHEN: Through your experience, you've learned 2 full-time consultant to Verizon Wireless. that certain sites are better than other sites assuming CATHY BORTEN: And can you briefly tell us your there is a need for them. 5 5 background in the telecommunications industry? ROBERT POSILKIN: Yep. BILL CHEN: And your employer tells you, hey, I need a 6 ROBERT POSILKIN: Yes, been working in the 6 7 telecommunications industry for approximately 22 years. need. You say, I can find it for you. 8 Most of that time, approximately 20 years, has been as an ROBERT POSILKIN: Yes, sir. 9 employee and a full-time consultant to Verizon Wireless and 9 BILL CHEN: Okay. I -- with that explanation, I have 10 for two years as a consultant to AT&T Wireless. 10 no problem recognizing this gentlemen's expertise. CATHY BORTEN: And in doing that sort of work, what 11 TAMMY CITRAMANNIS: (Inaudible). Okay. You are 12 are the types of things that are involved when you're 12 qualified as a telecommunications site acquisition --13 working as a consultant for Verizon Wireless? 13 BILL CHEN: And he does not determine need. ROBERT POSILKIN: My responsibility includes a --14 TAMMY CITRAMANNIS: And he does not determine need. I 15 specifically is identifying properties or real estate where 15 think you made that clear. I think there's somebody else 16 Verizon Wireless needs to include -- needs to install its 16 that, right. 17 equipment in order to provide and improve the wireless 17 BILL CHEN: I assume. 18 service that it offers to its customers. CATHY BORTEN: Did there come a time where the CATHY BORTEN: I would move to have Mr. Posilkin 19 radiofrequency engineers at Verizon Wireless issued a 20 qualified as an expert in telecommunications site 20 search area to the real estate team for the Gainsborough 21 acquisition. 21 Road, Potomac area? 22 22 TAMMY CITRAMANNIS: Voir dire. ROBERT POSILKIN: Yes. BILL CHEN: I appreciate the gentlemen's experience. 23 CATHY BORTEN: And what were the radiofrequency 24 I do not agree that he is an expert in determining the 24 objectives for the subject search area?

25

BILL CHEN: Objection.

25 technical needs for telecommunications services.

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Conducted on September 26, 2017 263 TAMMY CITRAMANNIS: Wait a minute. Excuse -- radio? 1 preferences for the type of installation? 2 CATHY BORTEN: RF, meaning radiofrequency. ROBERT POSILKIN: Yes, there is. 3 TAMMY CITRAMANNIS: Right. CATHY BORTEN: Can you stay with that is? CATHY BORTEN: We just use RF. And I mean that were ROBERT POSILKIN: Yeah, the highest priority and site conveyed to him by Verizon Wireless. acquisition for telecom is to find an existing structure. So it could be a rooftop. It could be an existing monopole TAMMY CITRAMANNIS: Okay. CATHY BORTEN: I'm not asking him to identify -where there is space. It could also be a transmission TAMMY CITRAMANNIS: Okay. tower. But anything that is existing is, if it's CATHY BORTEN: -- What he was told the need was. The reasonable given the location of the search area, existing 10 objectives. 10 structures are considered. And secondly is, if there is no ROBERT POSILKIN: What was conveyed to me by Verizon 11 existing structure that's found acceptable by Verizon 12 Wireless, was to improve coverage along a stretch of 12 Wireless or there is none they can be identified, then we 13 Democracy Boulevard, pretty much west of Seven Locks Road. 13 identify what's called a raw land site, which is the site 14 The research had shown that that was an area that the data 14 where we actually have to install the facility, a monopine 15 identified that --15 or a three or four-legged tower, in order to place the BILL CHEN: Objection. Move to strike. If he's got 16 intent is to provide the improvement in service. 17 instructions, go find a scenario in that circle, I have no 17 CATHY BORTEN: Did you look at other types of 18 problems with that. But I think any attempt by him to 18 structures for the specific search area? 19 explain what Verizon was coming from, why they were doing ROBERT POSILKIN: Yes, I did. 20 it, is not appropriate for his expertise that he's offered 20 CATHY BORTEN: And ultimately, why was the site 21 for. 21 selected? ROBERT POSILKIN: This site was selected because TAMMY CITRAMANNIS: Are those factors that he needs in 23 order to find a site versus just, this is the area, find 23 Verizon Wireless, in its review of the properties that were 24 out the best site. We're going to take care of --24 identified, determined that this provided the maximum level CATHY BORTEN: Well, I think if I can go to the 25 of --262 264 1 questions, it may -- you know, if I could have some BILL CHEN: Objection. Move to -- again, I've got to 1 2 latitude, it might clarify how the process works and what object to what Verizon made the determination about. You 3 he does in that process. know, where they were coming from. They said, look, we TAMMY CITRAMANNIS: So he is describing the process. want this area. We've made a determination we need this 5 Okay. I'll allow that and if -area. I have no problem with that. But he is going to far 6 BILL CHEN: Yeah, I -about what their determination was and why and that, I TAMMY CITRAMANNIS: -- It goes too far afield, we'll assume, is (inaudible) another witness that would have the 8 8 9 9 TAMMY CITRAMANNIS: I agree that it is. I think that BILL CHEN: Thank you. 10 what I'm hearing is that this is -- we've given you a ring 10 CATHY BORTEN: Can you explain how a site search 11 because we think this is the best area. I don't think he 11 works? ROBERT POSILKIN: After receiving the search ring, I 12 is saying that it -- the need is the best area. He is just 13 physically drive the area to determine appropriate 13 going and finding the property in that ring because that's 14 properties of real estate, if you will, where the 14 where they'd told him to look. CATHY BORTEN: But he is now testifying as -- sorry. 15 installation, type of insulation requested by Verizon 15 16 Wireless, can be placed.

CATHY BORTEN: What -- when you say search ring --17 ROBERT POSILKIN: A search ring is literally a ring on 19 a map showing the area in which service needs to be

20 improved, as identified by Verizon Wireless. And it shows

21 the area where Verizon Wireless as a preference, a very

22 strong preference for those facilities to be located in

23 order to meet that need.

CATHY BORTEN: So when you're looking for a site

25 within that search ring, is there a hierarchy of

16 Am I on? Yeah. As to -- he has explained that there is a 17 hierarchy so if there is an existing structure --18 TAMMY CITRAMANNIS: Right. 19 ROBERT POSILKIN: Now. CATHY BORTEN: And I'm asking him to testify, based on 20 21 the hierarchy, why was this property selected, and that's 22 what he is answer. 23 TAMMY CITRAMANNIS: Yeah, I would like to know why was 24 this property selected. BILL CHEN: Okay. (Inaudible). 25

Conducted on September 26, 2017 265 267 CATHY BORTEN: Yeah, versus --CATHY BORTEN: So that they would work. 1 ROBERT POSILKIN: Essentially three properties, I 2 BILL CHEN: Yeah. 3 selected three properties or three candidates to provide to CATHY BORTEN: Let me rephrase it. Did Verizon 4 Verizon Wireless as a result of the search. In no Wireless convey to you that of the three sites you provided them, that two of them were not good alternatives for their 5 particular order, there was the site at the East Gate pool. 6 The second was a site at the far eastern edge of the search RF objectives? 7 ring at the Maryland National Capital Park and Planning ROBERT POSILKIN: Yes, and that the third site was the 8 Commission tennis center. And the third site was outside preferred, priority site. CATHY BORTEN: And did the Tower Committee 9 of the ring on the east side of the ring, which is the 10 Lakeside Terrace condominiums. Verizon reviewed those and 10 recommendation agree with that analysis? 11 determined that the location of the raw land site at the BILL CHEN: Objection. Speaks for itself. It's an 11 12 pool would most meet their objectives. 12 evidence. CATHY BORTEN: So you testified that you also looked 13 CATHY BORTEN: Will the proposed facility be manned? 14 outside of the search ring. 14 ROBERT POSILKIN: No, it will not. 15 ROBERT POSILKIN: That is correct. 15 CATHY BORTEN: And can it be monitored remotely? CATHY BORTEN: And -- okay. Are you familiar with the ROBERT POSILKIN: Yes, he can. 16 16 17 Montgomery County Tower Committee? 17 BILL CHEN: Objection. This -- what is his go? ROBERT POSILKIN: Yes, I am. 18 CATHY BORTEN: It's fine. 19 19 BILL CHEN: I'm sorry. I didn't hear that. I BILL CHEN: Can we just --20 apologize. 20 TAMMY CITRAMANNIS: (Inaudible). 21 TAMMY CITRAMANNIS: (Inaudible). 21 CATHY BORTEN: It's fine. I'll withdraw it. That's 22 CATHY BORTEN: Am I mumbling? 22 all I have at this point. TAMMY CITRAMANNIS: Yes, you are. It's getting late. 23 23 BILL CHEN: No questions. 24 CATHY BORTEN: I apologize. I just asked if he was 24 TAMMY CITRAMANNIS: Ms. Wetter, any questions? 25 familiar with the Montgomery County Tower Committee. 25 CHERYL WETTER: (Inaudible) questions. What was wrong 266 268 ROBERT POSILKIN: Yes, I am. 1 with the tennis court site and what was wrong with the CATHY BORTEN: And are you aware of the role of the Lakeside Terrace site? Do you know? 2 CATHY BORTEN: Objection. If he -- you can't have it Tower Committee? ROBERT POSILKIN: Yes, I am. 4 both ways. CATHY BORTEN: Did Mastech file an application with TAMMY CITRAMANNIS: (Inaudible). the Tower Committee? CATHY BORTEN: He wasn't allowed to testify to that. ROBERT POSILKIN: Yes, it did. 7 I don't think she can ask that. CATHY BORTEN: Through your site selection process, TAMMY CITRAMANNIS: Right. Yeah, I think that that's 9 did you conclude that there were no alternative site that 9 correct. 10 would work for the RF objectives as stated by Verizon CHERYL WETTER: Okay. All right. I wasn't asking him 11 Wireless for the search area? 11 to make the decision. I wanted to know what Verizon told ROBERT POSILKIN: Yes. 12 him about those two sites, but that's not acceptable. 13 BILL CHEN: Objection. TAMMY CITRAMANNIS: Well, based on what he was charged 14 TAMMY CITRAMANNIS: (Inaudible). 14 with them I think he gave the parameters and said what they 15 ultimately decided. I'm not sure that he is the person to 15 CATHY BORTEN: I'm asking him if through the process, 16 did he conclude there were no alternative sites --16 say why they didn't choose the other ones. TAMMY CITRAMANNIS: Right. Okay. 17 CHERYL WETTER: Okay. He listed the pool as a third CATHY BORTEN: -- Based on the requirements that 18 site. I thought maybe --TAMMY CITRAMANNIS: Right. No, right. 19 Verizon Wireless provided. TAMMY CITRAMANNIS: Within the search ring. Not --CHERYL WETTER: But they ultimately made that 20 BILL CHEN: Excuse me. He already testified that he 21 decision. Okay. I have no other questions. 22 TAMMY CITRAMANNIS: Do we have any other questions 22 found three sites.

24

25

CATHY BORTEN: Right.

25 sites. There were.

BILL CHEN: So it's not a matter of there was no other

24

23 from individuals? You are doing a fine job.

UNKNOWN MALE: Can I give Bill a question.

TAMMY CITRAMANNIS: Absolutely. I know. You're

271 1 asking for someone else and -should've asked this from the last one, does the -- I'm BILL CHEN: Who contacted the board of the East Gate going to withdraw. No, no one ask a question. Never mind. Recreation Association on behalf of Verizon? Okay. Do you have anything else for --CATHY BORTEN: How is that relevant? Okay. We're CATHY BORTEN: Nothing further. TAMMY CITRAMANNIS: Okay. You are excused. Thank going to object to that. That's not on the scope today's 5 6 you. 6 7 TAMMY CITRAMANNIS: Sustained. ROBERT POSILKIN: Thank you. BILL CHEN: Next question. Did you consider a -- do 8 TAMMY CITRAMANNIS: Okay. So we are down to -- who's 9 you know what that word is? A string of small towers on next? 10 top of streetlights on Democracy Boulevard between 10 CATHY BORTEN: We will call Mr. Paul Dugan. 11 Gainsborough Road and the Owen Center? TAMMY CITRAMANNIS: Okay, Mr. Dugan. (Inaudible) in 11 CATHY BORTEN: Objection. Again, that's a network 12 here well. You promised to tell the truth, the whole 13 question. He didn't decide anything about what type of 13 truth, and nothing but the truth under the penalty of 14 insulation. 14 perjury in given your testimony? 15 BILL CHEN: (Inaudible). 15 PAUL DUGAN: I do. TAMMY CITRAMANNIS: Sustained. TAMMY CITRAMANNIS: Okay. State your name and your 16 16 BILL CHEN: Okay. That's already been asked really. 17 address and then wait for Ms. Borten's questions. 18 Okay. I'll -- I've been asked a couple of more questions. PAUL DUGAN: (Inaudible). My name is Paul Dugan, D-U-19 Did Verizon say the other two would not work? 19 G-A-N. ROBERT POSILKIN: Verizon's opinion about the other 20 TAMMY CITRAMANNIS: Ms. Borten. 21 two sides were, one was outside of the ring and was too far CATHY BORTEN: (Inaudible). Mr. Dugan, I'm showing 22 from the area. The other one was just inside of the ring 22 you what has been marked as Exhibit 180E. Can you identify 23 that? 23 and when compared to the primary site, which is the full 24 cycle of the pool site was far more effective and would 24 COURT REPORTER: I'm sorry. (Inaudible). 25 provide the more reliable coverage and would maximize that 25 CATHY BORTEN: All right. Sorry. I'm showing you 270 272 1 coverage as a result of this inclusion. 1 what's been marked as Exhibit 180E. Can you identify that BILL CHEN: Okay. Did Verizon say the other two would please? 2 not be made --3 PAUL DUGAN: Sure. That is a copy of my current TAMMY CITRAMANNIS: I think that's the same question 4 resume. Ms. Wetter was going to ask. 5 CATHY BORTEN: Okay. Can you briefly provide your BILL CHEN: What I'm reading? educational background? TAMMY CITRAMANNIS: Mm-hmm (affirmative). PAUL DUGAN: Sure. I have a bachelor of science in BILL CHEN: I don't think so. I think the one I just electrical engineering from Widener University. Also have a master of the that's going to doing and a Master of 10 CHERYL WETTER: (Inaudible). 10 business administration from Widener University. 11 TAMMY CITRAMANNIS: Yeah, actually, I think you're CATHY BORTEN: And how long have you been a 11 12 right. 12 professional engineer? 13 BILL CHEN: I am. Yeah, that's what Ms. Wetter just 13 PAUL DUGAN: For -- since 1998. Do the math, I guess 14 said to me. 14 is about 19 years. CATHY BORTEN: I think they are all asked and 15 CATHY BORTEN: And have you worked as a professional 16 answered. 16 engineer in different capacities? 17 TAMMY CITRAMANNIS: I think they are. 17 PAUL DUGAN: Yes. 18 BILL CHEN: But this and hasn't been. 18 CATHY BORTEN: Any just explain those? 19 TAMMY CITRAMANNIS: You can ask it. PAUL DUGAN: Yes. My firm and I, we provide RF, 20 BILL CHEN: Did Verizon say the other two would not be 20 radiofrequency, independent consulting services to wireless 21 made to substantially meet their goal? 21 clients. Specifically, we provide RF support services like 22 ROBERT POSILKIN: In effect, yes. 22 SEC compliance, certifications, support for applications, 23 BILL CHEN: Thank you. 23 do an alternative site analysis and provide reports to 24 TAMMY CITRAMANNIS: Do you have any more questions? I 24 justify a need for new facilities where necessary. 25 just have one. When you look for site, and maybe I CATHY BORTEN: And can you just explain, for the

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1 record, when you say RF, what that means? Just what that

- 2 stands for.
- 3 PAUL DUGAN: Radiofrequency basically means wireless
- 4 medication such as those offered by Verizon Wireless.
- CATHY BORTEN: And since 1998, in that tenure, have
- 6 you been employed in different visions as a professional
- 7 engineer for different companies?
- 8 PAUL DUGAN: I that's prior to becoming a registered
- 9 festival, I was in that -- I was engaged in other wireless
- 10 communications capacities for a few different firms. Most
- 11 specifically, Bell Atlantic Mobile, which is now Verizon
- 12 Wireless. I was a radiofrequency engineer with --
- 13 internally for 10 years prior to leaving them on good terms
- 14 to establish a consulting engineering practice.
- 15 CATHY BORTEN: And having qualified as an expert in
- 16 radiofrequency engineering before the Office of Zoning and
- 17 Administrative Hearings or other land-use body and
- 18 Montgomery County?
- 19 PAUL DUGAN: Yes.
- 20 CATHY BORTEN: I would offer Mr. Dugan's acceptance as
- 21 an expert in RF engineering.
- 22. BILL CHEN: What does that mean?
- 23 TAMMY CITRAMANNIS: What does that mean is the
- 24 question.
- 25 PAUL DUGAN: RF engineering is as a branch of

everyumig in the citate speculari

calibrated instruments that we use for measurement after

- 2 everything in the entire spectrum.
- BILL CHEN: Okay. So your expertise goes to the
- 4 ability to, I presume through machinery of some (inaudible)
- 5 calibrate the frequency that is being emanated from some
- 6 source. Is that a fair statement, sir?
- PAUL DUGAN: Basically, yes.
- 8 BILL CHEN: Okay. On that, understand that, I think.
- 9 CATHY BORTEN: Thank you.
- 10 SUSAN LEE: (Inaudible).
- 11 TAMMY CITRAMANNIS: We are qualifying him as an
- 12 expert.
- 13 SUSAN LEE: I understand that.
- 14 TAMMY CITRAMANNIS: So need to be related to that.
- 15 SUSAN LEE: So it's just -- so just picking up on
- 16 that. So you're going to be testifying with regard to the
- 17 level of RFA (ph). I'm sorry. I'm so technically terrible
- 18 about this, but are you -- I guess, what's the scope of
- 19 your testimony going to do with regard to this?
- 20 TAMMY CITRAMANNIS: You're just challenging -- you're
- 21 just -- the question as to his qualifications, not --
- 22 SUSAN LEE: I understood, but I was trying to link it
- 23 to what he was going to be testifying about with regard to
- 24 these qualifications. Is there a statement with regard to
- 25 what he is going to be --

- 1 electrical engineering. Typically radiofrequency engineer
- 2 start out with an electrical engineering degree and
- 3 radiofrequency engineers are engage in any form of wireless
- 4 communications endeavors.
- 5 BILL CHEN: (Inaudible).
- 6 PAUL DUGAN: Radiofrequency is typically from 300 kHz
- 7 to 50 GHz and anything in between is radiofrequency.
- 8 BILL CHEN: (Inaudible) involved with radiofrequency
- 9 --
- 10 TAMMY CITRAMANNIS: I think you need to come closer to
- 11 your mic. You're starting to fade.
- 12 BILL CHEN: Yeah. So as I understand what you just
- 13 said, sir, anything having to do with radiofrequencies in
- 14 that range is -- what do you do about that?
- 15 PAUL DUGAN: Well, when we talk about radiofrequency,
- 16 that usually refers to the broad radiofrequency spectrum.
- 17 It encompasses everything from a.m., FM, television, police
- 18 radio, cellular, and he goes on up to -- I don't engage in
- 19 work much above 2100 MHz, but there is microwave and other 20 --
- 21 BILL CHEN: Do you measure radiofrequencies? Do you
- 22 generate or you tell people how to generate
- 23 radiofrequencies in those ranges? Just (inaudible).
- 24 PAUL DUGAN: No, most of my work is compliance with
- 25 SEC guidelines and the covers, the instruments that we use,

- 1 CATHY BORTEN: He's submitted reports.
- 2 TAMMY CITRAMANNIS: He has submitted a statement.
- 3 SUSAN LEE: Okay.
- 4 CATHY BORTEN: Will ID those.
- 5 SUSAN LEE: I apologize.
- 6 TAMMY CITRAMANNIS: Oh, that's okay. This is --
- SUSAN LEE: It just, you know -- that's a big
- 8 (inaudible).
- 9 TAMMY CITRAMANNIS: Right, but for the purpose of
- 10 saying that he is an expert in this field, his resume
- 11 certainly speaks to it and the questions that you asked,
- 12 asking for clarification -- and he is qualified previously
- 13 before us. So I'm going to accept them as an expert.
- 14 BILL CHEN: As described, right?
- 15 TAMMY CITRAMANNIS: As described; RF engineering.
- 16 CATHY BORTEN: In what capacity do you work with
- 17 rising Wireless currently?
- 18 PAUL DUGAN: Currently, they often hire us as an
- 19 independent radiofrequency consulting engineer to evaluate
- 20 proposed facilities, provide a report in support of an
- 21 application such as this.
- 22 CATHY BORTEN: I am going to show you what's been
- 23 previously marked as Exhibit 180E (ph).
- 24 BILL CHEN: That's his CV. 180E?
- 25 CATHY BORTEN: It's all together in the latest

279 CATHY BORTEN: One is RF design from October 21, and (inaudible). 2 TAMMY CITRAMANNIS: Okay. We're going to mark it one is RF safety compliance from October 25. 3 BILL CHEN: Okay. 3 separate. CATHY BORTEN: So we can divide it (inaudible). CATHY BORTEN: So October 21 would be double I. 5 TAMMY CITRAMANNIS: Yes. You need to divide it up. October 25 would be triple I. 6 CATHY BORTEN: Okay. So --TAMMY CITRAMANNIS: Thank you. 6 TAMMY CITRAMANNIS: So just do it by date. CATHY BORTEN: Madam Examiner, there are maps within CATHY BORTEN: The problem is, 180 has several sub -the double I report. Those however, also are in the so do you want it to be -exhibit list under Exhibit 6F and G. Do you want me to use 10 TAMMY CITRAMANNIS: Okay. 10 those or do you want us to keep it in orderly --CATHY BORTEN: -- 180E1, 180E2, 180E3? (Inaudible). TAMMY CITRAMANNIS: Keep it in the -- keep it in the 11 11 TAMMY CITRAMANNIS: To show me what -- just so that I 12 12 -- in his report. 13 can put it on --13 CATHY BORTEN: And we just refer to page numbers then CATHY BORTEN: So on the most recent entry on page 12 14 within the report? TAMMY CITRAMANNIS: Within, yes --15 of the exhibit list, so that was the documents from the 15 16 prehearing statement and 180E is his report and his 16 CATHY BORTEN: Okay. 17 credentials. 17 TAMMY CITRAMANNIS: That's if you would like to do 18 TAMMY CITRAMANNIS: Okay. I'm looking at the exhibit 18 that. And you can certainly describe the title of it and 19 list. 19 that will at least make the record clear as to -- that 20 (Background noise). 20 you're --21 COURT REPORT: - On the mic. 21 CATHY BORTEN: Okay. So I'm showing you what's been TAMMY CITRAMANNIS: You're on the microphone. Exhibit | 22 marked as Exhibit 180Eii and 180Eiii. Can you identify 23 that's my exhibit list is showing that I'm sorry. 23 those and identify the title or the number? 24 CATHY BORTEN: I use the most recent. PAUL DUGAN: Sure, the one with double I was 25 TAMMY CITRAMANNIS: I'm looking at 188. Never mind. 25 radiofrequency design report. It discusses, what are the 278 280 CATHY BORTEN: But it can be 180E little I or -objectives of the opposed facility. It establishes the TAMMY CITRAMANNIS: Correct. You can do that. need for the facility and how the proposed facilities under 2 3 the application fits that need for the area. CATHY BORTEN: Okay. BILL CHEN: Is the --4 BILL CHEN: If the October 21 date? 5 5 TAMMY CITRAMANNIS: Just describe what --CATHY BORTEN: Correct. 6 PAUL DUGAN: So it's basically why the site is needed BILL CHEN: With the CV be --CATHY BORTEN: It would be E, little I. 7 here. Why the height necessary to serve the area. The 8 TAMMY CITRAMANNIS: Okay. second report, the triple like, is an RF safety SEC CATHY BORTEN: All right. 9 compliance certification that provides a certification that 10 10 the site complies with the Federal Communications TAMMY CITRAMANNIS: Thank you. 11 BILL CHEN: And then I take it the --11 Commission exposure limits and guidelines --12 CATHY BORTEN: So --BILL CHEN: The date on that is --13 BILL CHEN: The report would be E double I? 13 PAUL DUGAN: -- to protect the health, safety, and 14 welfare of the public. CATHY BORTEN: Yes. And they both be under that would 15 you want each report -- they are not identified separately 15 BILL CHEN: Yeah. I got it. 16 on the exhibit list, but we can break them out. 16 TAMMY CITRAMANNIS: Okay. TAMMY CITRAMANNIS: Well, you have two different dates CATHY BORTEN: All right. First, showing you what 18 have been -- what are identified in 180 -- hold on a 18 for them. The 21st and the 25th. CATHY BORTEN: Okay. So the report from the 21st, 19 minute. Let's make sure we get the right one. Okay. In

CATHY BORTEN: Sorry. That's -- there are two reports.

23 explain what it used for?

24 PAUL DUGAN: Sure. Whenever I'm -- a client gives us

BILL CHEN: Oh, Madam Examiner, what exhibit are you

24 reports.

25 BILL CHEN: Yeah, right.

22 on? You've lost me.

20 which is RF design considerations, would be 180Eii.

21

22

20 180Eii, as page --

PAUL DUGAN: Five.

CATHY BORTEN: -- Five. Can you identify that and

25 an application like this, we perform an independent

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1 evaluation to determine its suitability for meeting their

- 2 objectives. I don't just support an application. I
- 3 perform an evaluation of a facility to make sure it makes
- 4 perfect sense for the area is intended to serve. The first
- thing I do when I'm given a site plan and asked to review
- 6 an application is visit -- perform a site visit. I not
- 7 only perform a site visit, but I visit every adjacent site,
- 8 all the sites that are currently that antenna sites that
- 9 are currently providing service to Verizon Wireless service
- 10 today. I prepare this map using a software program called
- 11 DeLorme Street Atlas. The proposed site location is
- 12 identified by the tag in the center of the map. There is
- 13 two concentric circles placed on the map labeled as a half
- 14 a mile and a 1 mile -- visibly placed on the map as a
- 15 different reference from the proposed facility location.
- 16 And all the adjacent sites are the purple triangles, are
- 17 marked with their site names. I will point out that, just
- 18 go around clockwise from the site to the west, the first
- 19 one is identified as Potomac. It's 130 foot monopole at
- 20 10601 Falls Road, Potomac, Maryland. The site on the top
- 21 of the map identified as Tuckerman, it's a 146 foot utility
- 22 pole at 114 04 Gainsborough Road, Potomac, Maryland. And
- 23 the site to the east labeled 270 split, is 123 foot utility
- 24 pole at Westlake Drive, Bethesda, Maryland. And lastly,
- 25 the site to the southeast identified as Bethesda Country

- 1 the -- established that there is a gap near the -- it's
 - centered around the junction of Democracy Boulevard and
 - Gainsborough Road. The gap extends about --
 - BILL CHEN: Objection. He needs -- we need a
 - foundation for him to say, I got this from Verizon, but
 - I've confirmed, which is what I believe the gentleman has said. There's a jump in there and the jump is, how did he
 - -- and the question is (inaudible).
 - TAMMY CITRAMANNIS: I think it was -- he said that has 10 his --
 - CATHY BORTEN: He's allowed to testify. 11
 - 12 TAMMY CITRAMANNIS: -- Own method and --
 - 13 CATHY BORTEN: He's about to explain.
 - 14 TAMMY CITRAMANNIS: -- To verify it.
 - 15 BILL CHEN: Okay.
 - TAMMY CITRAMANNIS: So I'm going to let them do that. 16
 - 17 BILL CHEN: Yeah.
 - 18 PAUL DUGAN: Okay. As I was expanding, these are part
 - 19 of my report. Obviously, this is the (inaudible) that's
 - 20 prepared by Verizon Wireless, but I canvassed the area. I
 - 21 obviously evaluate the level of the topography. We as a
 - 22 variety of tools to determine a suitability of a facility;
 - 23 topographic maps, we use Google Earth, we use drive test
 - 24 methods and we also place data speed tests from our smart
 - 25 phones. And I literally have driven the entire residential

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- 1 Club, is 150 foot monopole at 7601 Bradley Boulevard,
- 2 Bethesda, Maryland. So that simply identifies where the
- 3 existing sites are in the area serving the community today.
- 4 And one of the main reasons I use this map, I create --
- 5 prepare this map, is to identify if there are any existing
- 6 tall structures that could be considered for code location 7 within those two concentric circles. And also, it provides
- 8 better street detail and the propagation exhibits and the
- 9 tool used by Verizon Wireless. This gives you a much 10 better street details I like to start with this.
- CATHY BORTEN: So this is page 6 of 180Eii. Can you 12 just explain what this is in relation to page 5?
- PAUL DUGAN: Sure. That's the exact same map. It
- 14 just seemed in so that I can see the street detail in the
- 15 immediate area. By zooming in, I can see every street
- 16 identified in the residential community to the north into 17 the south.
- CATHY BORTEN: And then just to get back to the
- 19 details, but (inaudible) what are pages seven and eight,
- 20 again, of 180Eii. Can you just identify what these are? PAUL DUGAN: Sure. These are propagation modeling
- 22 exhibits. These were prepared by Verizon Wireless's
- 23 internal radiofrequency engineers and were provided to me.
- 24 I didn't prepare them, but I have verified them by virtue
- 25 of my own methods. By visiting the site, I've identified

- community to the north and to the south and checks and data
- throughput speeds at virtually every cul-de-sac and every
- intersection to establish that the data speeds are
- extremely, extremely slow. And the reason being, is
- because the -- there is insufficient signal level in that
- community to support the current Verizon Wireless
- technology, which is referred to as 4G and is also known as
- 8 LTE.
- 9 CATHY BORTEN: When you say that you drove the
- 10 community and the area to be served, can you just describe
- 11 what that community, that neighborhood is?
- PAUL DUGAN: Sure. There is the Snug Hill community
- 13 to the north and the Gainsborough Road extends to the north
- 14 and there is the, I believe it is called the Ridgley
- 15 community to the south. The site in the immediate areas
- 16 kind of -- a sort of sits in a valley. To the north, east,
- 17 and west, it does rise when you go away from the site
- 18 heading in those directions. To the south, it may get a
- 19 little rise a little bit entering the Ridgley neighborhood.
- 20 I believe is called -- it's Gainsborough Road, but then it
- 21 drops off significantly heading into the neighborhood
- 22 further.
- CATHY BORTEN: And obviously, there's a lot of colors 23
- 24 here. Can you explain for people that don't understand,
- 25 what are the colors and lack of color showing on this map

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and also, the -- exactly what this is showing.

- 2 PAUL DUGAN: Sure. The different colors represent
- 3 different thresholds of signal level. Verizon strives to
- 4 obtain -- as you can -- to obtain a minimum of a 95 DBM
- 5 signal level in all areas where possible. There are
- 6 challenges with topography, vegetation, and terrain, and so
- 7 forth. But the higher the level, as you go from red,
- 8 yellow, green, and blue, the stronger the signal. The
- 9 better the throughput, the data throughput speeds are and
- 10 the better the -- in building coverage for those using
- 11 their smart phones inside their residences wherever they
- 12 may be.
- 13 CATHY BORTEN: So let's just take one example. Will
- 14 use this Bethesda Country Club down on the southeast
- 15 portion. Can you just sort of break out what that's
- 16 showing right there in terms of how that area is being
- 17 served? What this map shows?
- 18 BILL CHEN: Is that based on the colors counsel?
- 19 CATHY BORTEN: Yes.
- 20 PAUL DUGAN: Sure. You can see that -- you can see
- 21 the blur of stems. There is a scale bar on the lower left
- 22 to use as a distance reference. As you can see, the blue
- 23 extends about a third of a mile. The red and the gray as
- 24 for the reach out to nearly a mile. So as you get further
- 25 away from the site, you lose visibility and service
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- 1 degrades significantly as you get in the fringes of a site.
- 2 And data throughput speeds simply can't support real-time
- 3 video.
- CATHY BORTEN: What were some of the throughput speeds
- 5 that you experience when you drove the neighborhoods
- 6 surrounding the proposed site?
- 7 PAUL DUGAN: First of all, to answer that, first of
- 8 all just looking at your phone, you're going in and out of
- 9 4G. You don't even have enough signal to support the
- 10 current technology in that area. As I said, I checked data
- 11 throughput speeds in the entire community to the north into
- 12 the South and it's at or below 1 Mb per second everywhere.
- 13 CATHY BORTEN: What would be a reliable throughput 14 speed?
- 15 PAUL DUGAN: When you are closer to a site where you
- 16 can communicate more effectively, you're in the order of 25
- 17 to 50 Mb per second, which can support live, real-time
- 18 streaming video.
- 19 CATHY BORTEN: I'm showing you page 8 of 180Eii.
- 20 SUSAN LEE: Can I just ask, in the blue area, is that
- 21 what they are getting is 25?
- 22 TAMMY CITRAMANNIS: What you'll be over to ask him
- 23 (inaudible). Let her finish and --
- 24 PAUL DUGAN: Oh, got it. Okay.
- 25 CATHY BORTEN: So looking at the proposed site on page

- 1 8, which says all sites 80 feet, can you just explain what
- 2 that's showing?
- 3 BILL CHEN: Is this again, based on the colors?
- 4 CATHY BORTEN: Yes.
- 5 TAMMY CITRAMANNIS: Based on the colors and height and
- frequency.
- CATHY BORTEN: Yes. This is at 80 feet and this is
- 8 the 700 MHz frequency.
- TAMMY CITRAMANNIS: Can you fix it so that -- I can't
- 10 even see the top. Thank you. That's better.
- 11 BILL CHEN: Madam Examiner, just based upon his
- 12 credentials, I'm not objecting to what he is saying the
- 13 colors mean. I assume that that is within his competence.
- 14 He is reporting what the colors mean on the document.
- 15 TAMMY CITRAMANNIS: Okay.
- 16 BILL CHEN: To that extent, I'm not registering in
- 17 opposition. I may be, depending on where they're trying to
- 18 go with this, registered opposition, but I'm only -- my
- 19 (inaudible) is only precipitated by what you just said. I
- 20 understand the gentleman has the experience to tell us what
- 21 the colors mean and that's fine.
- 22 TAMMY CITRAMANNIS: Okay. (Inaudible) proceed. Go
- 23 ahead.
- 24 CATHY BORTEN: Can you tell us what this map is
- 25 showing?

- 1 PAUL DUGAN: Sure, this is -- this is pretty much the
- 2 same as the last one, but with the addition of the propose
- 3 coverage afforded by the new structure. Now Ridgley, the
- 4 antenna centerline was established at 80 feet. And has
- 5 been adjusted to -- for the new structure type, but what
- 6 this depicts is that the proposed structure affords
- 7 approximately three quarters of a mile in all directions of
- 8 new service to the community. There is a substantial
- 9 (inaudible) improved service along Democracy Boulevard,
- 10 Gainsborough Road, and the residential communities to the
- 11 north and the south will now be afforded reliable wireless
- 12 services to their community and inside their homes.
- 13 CATHY BORTEN: And does the drop from an 80-foot
- 14 centerline to a 76-foot centerline, does that change your
- 15 understanding of how the addition of the site would work?
- 16 PAUL DUGAN: No. No, seven -- a four foot drop and
- 17 antenna centerline height, would not have any consequential
- 1 / antenna centerrine neight, would not have any consequentia
- 18 significance in the coverage footprint. The taller you 19 are, the taller the structure, the more height above ground
- 20 the antennas are, the broader division they can -- the more
- 21 they can see. The more they can see line of sight to the
- 22 immediate area they are serving. So you really need to be
- 23 sufficiently above the tree line. Is my understanding that
- 24 the trees, mature trees, or 60 to 70 feet. And for Verizon
- 25 Wireless to have the antennas at 76-foot centerline,

289 291 1 they're still sufficiently above the tree line to serve the 1 that you say it illustrates how exposure at ground level 2 area is intended to serve. I will point out that -decreases with distance and the antenna is shown there are 3 noticed the footprint from this particular proposed site is shown to have a direct signal at 80 feet. Again, is there 4 much smaller than the ones that surround it. The reason any direct exposure from the antennas at 80 feet? 5 for that is the structure height, among many other --PAUL DUGAN: No. BILL CHEN: Objection. (Inaudible) again, CATHY BORTEN: And that your opinion on that change in 6 7 I don't have any objection to his interpretation of what terms of direct exposure when the centerline is dropped to 8 the colors mean. He did not prepare this propagation map. 8 76 feet? 9 This is not based on what he has prepared. BILL CHEN: Objection. I'm looking at the document 10 and I don't see 80 or 70. 10 TAMMY CITRAMANNIS: I think he is saying that, based 11 on his knowledge, that height does matter and if it's TAMMY CITRAMANNIS: What? 11 12 (inaudible) down --12 CATHY BORTEN: (Inaudible). BILL CHEN: Height does matter, I agree with that, but 13 TAMMY CITRAMANNIS: You are on page 4 of 7? 14 he's going -- it's just a bit -- he was going beyond that. 14 BILL CHEN: I thought the (inaudible). TAMMY CITRAMANNIS: I don't think that he was. 15 CATHY BORTEN: That's the -- the diagram is on page 4 PAUL DUGAN: I've been performing propagation modeling 16 of 7. 17 for decades and, you know, I can tell you went the antenna 17 BILL CHEN: Okay. 18 sites are higher, yet broader reach. 18 TAMMY CITRAMANNIS: And then your --19 BILL CHEN: As a general (inaudible). BILL CHEN: That's where --CATHY BORTEN: Let me just find where the diagram is 20 PAUL DUGAN: It's a general statement. 20 21 BILL CHEN: I'm not (inaudible). 21 referenced. 22 PAUL DUGAN: It's a general statement. 22. TAMMY CITRAMANNIS: Did he create this diagram? 23 CATHY BORTEN: Based on your experiences as an RF 23 CATHY BORTEN: This report is --24 engineer, is an 80-foot tall monopole the shortest that 24 TAMMY CITRAMANNIS: (Inaudible). 25 Verizon Wireless can build in order to achieve its 25 CATHY BORTEN: Is this report -- is everything in this 290 292 objectives at this location? 1 report based on an 80-foot centerline? PAUL DUGAN: Yes, but that diagram does not label 2 PAUL DUGAN: Yes. CATHY BORTEN: And is a macro site such as the anything at 76 or 80. That's a generic diagram do you 4 monopole here, is that the definitive design to accomplish explain the concept that as one moves away from the 5 these goals? structure, the exposure jobs. CATHY BORTEN: And that stays the same at 76? PAUL DUGAN: Yes. In this particular circumstance, 7 it's my opinion that I believe it is. It's a very typical PAUL DUGAN: At any height. 8 site, macro site, but all site that every site varies a 8 CATHY BORTEN: Okay. Can you summarize what the 9 little bit in terms of its structure type, structure 9 report tells us overall about compliance? 10 height, antenna design, in order to provide new service, a 10 PAUL DUGAN: Absolutely. 11 fuller service to the area that it's designed to serve. 11 BILL CHEN: Objection. The document speaks for CATHY BORTEN: You also testified that you prepared a 12 itself. 13 report regarding compliance with FCC exposure limits, 13 TAMMY CITRAMANNIS: You -- he can --14 correct? 14 CATHY BORTEN: (Inaudible). 15 PAUL DUGAN: Yes. 15 TAMMY CITRAMANNIS: He can explain his report. You're CATHY BORTEN: And I believe that was 180Eiii. 16 going to cross him on it so he can talk about it. So for 16 17 PAUL DUGAN: Triple I. 17 the room. Go ahead. TAMMY CITRAMANNIS: Is that the October 25 or the --18 PAUL DUGAN: So Verizon asked me to provide a 19 BILL CHEN: Yes, I believe that's right. 19 determination and certification that the proposed facility TAMMY CITRAMANNIS: 25th? Well, that might be easier. 20 20 (inaudible) to this application complies with the federal 21 CATHY BORTEN: Do you have that report? 21 can medication commission exposure limits and guidelines 22 PAUL DUGAN: Yes, I have a copy of it. 22 put forward for the health -- set forward for the health,

23 safety, welfare of the public. They provided me there and

24 tunic configuration. I perform calculations based on upper

25 limit parameters, upper limit operating parameters, the

23

24

25

CATHY BORTEN: Great. So in your report --

CATHY BORTEN: -- On page 4, you have a diagram there

PAUL DUGAN: Got it.

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- 1 maximum power they could potentially transmit, considered
- 2 the equipment limitations, and I that's my report
- 3 summarizes what those parameters are and what the exposure
- 4 limits are at each frequency band that Verizon Wireless
- 5 transmitter that and the composites, upper limit exposure
- 6 anywhere near the base of the facility, whether you are,
- 7 you know, on the higher point in the neighborhood to the
- 8 north, whether you are residential home. There is no way
- 9 you are going to exceed 1 percent of the federal safety
- 10 standard. So you are literally hundreds of times below
- 11 what's considered safety limits.
- 12 CATHY BORTEN: One moment, please. That's all we have
- 13 at this time.
- 14 TAMMY CITRAMANNIS: Mr. Chen.
- 15 BILL CHEN: Sir, these propagation maps, as I
- 16 (inaudible), you received them --
- 17 TAMMY CITRAMANNIS: Closer to your mic. I know they
- 18 should be longer. You can hear him, right?
- 19 COURT REPORTER: Yeah.
- 20 TAMMY CITRAMANNIS: Okay.
- 21 BILL CHEN: With regard to the propagation map of a
- 22 server, you received those propagation maps from Verizon.
- 23 PAUL DUGAN: Correct.
- 24 BILL CHEN: So they have been produced by Verizon?
- 25 PAUL DUGAN: Produced internally by their

- BILL CHEN: So aside from familiarizing yourself with
- 2 the topography and the site and the area, as far as any
- 3 equipment you used other than driving your car, you use
- 4 your cell phone.
- 5 PAUL DUGAN: Sure.
- 6 BILL CHEN: Okay. By the way, do you have any data
- 7 and have you provided any information in your report that
 - 8 could assist us in determining whether or not these
- 9 propagation maps have been manipulated?
- 10 CATHY BORTEN: Objection.
- 11 TAMMY CITRAMANNIS: Whether they've been manipulated?
- 12 BILL CHEN: Yes.
- 13 TAMMY CITRAMANNIS: Or whether they support what is
- 14 shown?
- 15 BILL CHEN: No, whether they've been manipulated.
- 16 TAMMY CITRAMANNIS: Well, just --
- 17 BILL CHEN: Well, I can word it a little bit
- 18 different.
- 19 TAMMY CITRAMANNIS: Yeah, I think it might be better.
- 20 BILL CHEN: Do you have any information in your report
- 21 by which could be determined the accuracy of the
- 22 propagation maps?
- 23 PAUL DUGAN: I do not. I have my own methods of
- 24 verifying, but it's not like I corroborated by modeling it
- 25 again.

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1 radiofrequency engineers, yes.

- 2 BILL CHEN: My understanding is that propagation maps
- 3 can be many belated show a need in gap and whatnot,
- 4 depending on what a provider wants to have shown on a
- 5 propagation map. Is that correct?
- 6 PAUL DUGAN: That's not what we do. I guess --
- 7 BILL CHEN: I know. I'm not --
- 8 PAUL DUGAN: -- It could be done, but --
- 9 BILL CHEN: I'm not saying --
- 10 PAUL DUGAN: That is not what we do.
- 11 BILL CHEN: Please sir, I'm not accusing you of
- 12 anything. Please, I'm not saying -- but that can be done.
- 13 Isn't that right, sir?
- 14 PAUL DUGAN: Sure.
- 15 BILL CHEN: Okay. And you've told us what the colors
- 16 mean on these propagation maps. And it you, of your own
- 17 independent efforts, I guess to corroborate the propagation
- 18 maps, what you did was to use your cell phone.
- 19 PAUL DUGAN: In part, yes.
- 20 BILL CHEN: What else?
- 21 PAUL DUGAN: As I said, you know, we've reviewed
- 22 topography maps, Google Earth to see was in the vicinity,
- 23 in addition to visiting the site and driving the entire
- 24 community, canvassing the area looking for existing tall
- 25 structures there.

- BILL CHEN: I understand. And you've told us about
- 2 what you do to corroborate; the driving around and
- 3 familiarizing yourself with the topography on your cell
- 4 phone, correct? Okay. When you used the word macro site,
- 5 and I'm (inaudible) you mean a monopole in layman's
- 6 language. Is that correct?
- 7 PAUL DUGAN: No, that's not correct.
- 8 BILL CHEN: Tell us what you mean by that.
- 9 PAUL DUGAN: Macro-site means it's a full, outdoor,
- 10 full complement of antennas for their -- for all the
- 11 frequency bands that are licensed to serve as opposed to a
- 12 small cell or microcell, outdoor (inaudible) node which may
- 13 only use one or two antennas on top of the pole, be very
- 14 limited in terms of the number of bands they can support,
- 15 battery backup. The full -- the macro site typically has a
- 16 battery backup system to support in case of power outage.
- 17 BILL CHEN: So am I -- and again, I apologize, but in
- 18 layman's language, do I interpret what you just said to me
- 19 that there is no alternative to assuming the service is
- 20 needed. There is no alternative to providing that service
- 21 other than the monopole that is being proposed in this
- 22 case?
- 23 PAUL DUGAN: No. There is no more feasible
- 24 alternatives than that proposed subject to this application
- 25 in my opinion.

BILL CHEN: When you say, in your opinion, what do you mean by feasible?

PAUL DUGAN: You can't put -- you're not going to put a string of small cells on top of light poles when the tree

some revise 60 to 70 foot. As any to a time any that had to be

5 canopy is 60 to 70 feet. As my testimony that had to be

6 sufficiently above that to provide service to the area.

7 Otherwise, when you're trying to put -- you know, when

8 there is dense foliage and vegetation, in order to provide

9 effective coverage to the area, you need to be at the

10 height we are seeking. If you were to put on light poles,

11 you might reach a few homes to the north and the south and

12 the others putting get any service.

13 BILL CHEN: Okay. I have no further questions.

14 TAMMY CITRAMANNIS: Ms. Wetter and Ms. Lee.

15 SUSAN LEE: I have a couple.

16 TAMMY CITRAMANNIS: Okay.

17 SUSAN LEE: Just because I'm interested in the impacts

18 and who it's going to benefit. So I just want to verify,

19 did you say that this -- the installation of this facility

20 will allow the expected consequence improvement within a

21 three-quarter mile range around the facility? Is that

22 correct? Is that your --

23 PAUL DUGAN: Yes, that was my testimony.

24 SUSAN LEE: Okay.

25 PAUL DUGAN: Every home in the community to the north

1 and south will be able, if they have Verizon Wireless, will

2 be able to enjoy reliable service now.

3 SUSAN LEE: (Inaudible).

4 PAUL DUGAN: Service that essentially works.

5 SUSAN LEE: So you know how many people that is? How

6 many households?

PAUL DUGAN: I haven't done a count on the volume of

8 homes. I could obviously do that on Google Earth if I

9 needed to.

10 SUSAN LEE: And I guess the other thing is, that when

11 I look back to some of the other cases, there is testimony

12 about dropped calls from actual people who live there and I

13 wondered if you've provided in your report the exact cul-

14 de-sacs where you were and the data that you collected from

15 each of those cul-de-sacs so that people can see exactly

16 who is going to benefit from the installation.

17 PAUL DUGAN: I did not put -- I testified to what the

18 data was. Everything is different now with 4G, LTE,

19 technology that Verizon Wireless is building out their

20 network today to support the Smartphones of today. Long

21 ago when we had other -- the analog network and the earlier

22 digital technologies, a lot of the justification for a site

23 would be made by having lost call data and ineffective

24 attempts data where calls will go through. Today,

25 everything is data-driven. With 4G, LTE technology, there

1 is no separation between data and voice because voice now

2 is just another data application over a high-speed,

3 broadband network. So everything is evaluated in terms of

4 data speeds. If you don't have data speed, you have poor

5 service.

SUSAN LEE: I guess it's just as if you could explain

7 to me and I am totally not -- is when you went around to

8 all the cul-de-sacs, and I'm assuming it was within the

9 three-quarter mile area, and what exactly were you -- just

10 explain to me what the test is that you were doing to say

11 that they needed -- if you just tell me what that

12 technology you had in your hand while you're sitting there

13 in the car.

14 PAUL DUGAN: It's all here.

15 SUSAN LEE: Okay.

16 PAUL DUGAN: I can --

17 SUSAN LEE: So where you -- but just so -- and to put

18 it into layman's terms, you're saying that you made more

19 than phone calls. That's not -- were you streaming

20 television or movies or what was it that didn't work in

21 those cul-de-sacs?

PAUL DUGAN: Okay. First of all, as I testified, I

23 indicated that I placed test calls and most of them went --

24 dropped out of the 4G, LTE down to 2G and 3G in order to

25 make those calls. That doesn't mean no calls go through,

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but there is call delays and there is poor call quality in

2 some cases. I do check the signal levels that my phone is

3 indicating. I noticed that on my maps, all my notes, and I

4 use a speed test application. If you download speed test,

5 you can just, with the touch of a button, it will tell you

6 what the download and upload speeds are. It's basically

7 performing a test on the download and upload speeds.

8 SUSAN LEE: So would you have that for each of the

9 cul-de-sacs that you went around and tested in? Do you

10 have that data that you can put in the record?

11 PAUL DUGAN: I have it noted in my notes.

2 SUSAN LEE: Could you submit those? Because I think

13 that neighbors need to understand what it is they're going

14 to get for what they're going to put up with. I mean,

15 that's the ---

16 CATHY BORTEN: Objection.

17 SUSAN LEE: -- benefit that's going to be provided.

18 CATHY BORTEN: Objection.

19 TAMMY CITRAMANNIS: I -- yeah, I understand what she's

20 saying and that's what you're going to get. You're going

21 to get more coverage. What you are asking for I think, is

22 a line by line, how it's going to improve. Is that -- I

23 mean, is that what you're asking for?

24 SUSAN LEE: That's the determination of sort of the

25 public policy is to allow a conditional use that will give

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- 1 benefit for the reason that the conditional use is being
- 2 provided. And I just think it would be good to have it in
- 3 the record that the --
- PAUL DUGAN: Well,
- 5 SUSAN LEE: -- that the day that you --
- CATHY BORTEN: I think these maps show where there's a
- need, and Mr. Dugan has testified to that. He's explained
- 8 it. I think whether or not, Ms. Lee agrees with what's in
- 9 there or thinks it's sufficient that can be in her closing
- 10 argument. I don't think that those are questions beyond --
- 11 he's testified to exactly what he's done and what's going -
- 12 what problem will be solved.
- 13 BILL CHEN: If I may. I have to object.
- 14 TAMMY CITRAMANNIS: To what?
- 15 BILL CHEN: The representation that the propagation
- 16 maps show need. There is no witness here to be examined as
- 17 to what the propagation maps show. What this gentleman has 18 said --
- 19 CATHY BORTEN: I object to his objection.
- 20 BILL CHEN: -- was this is what the color code means
- 21 and I -- we all accept that. You didn't hear any objection
- 22 to that. However, he did not testify as to need. He
- 23 testified to what they show. And if this is the evidence
- 24 that supposedly the applicant wants to offer to demonstrate
- 25 need I object because I can't cross examine a propagation
- 302
- 1 map. I can't question the propagation map there needs to
- 2 be whoever prepared it who's got the data present to be
- 3 crossed on it. And this gentleman, and please, I'm not
- 4 criticizing this gentleman. I think, you know, he's been
- candid in what he said, this is what he does.
- 6 TAMMY CITRAMANNIS: Okay. Response?
- CATHY BORTEN: Yes.
- TAMMY CITRAMANNIS: (inaudible) I have to say that
- 9 when he started talking what he was talking about, he was
- 10 verifying and I was going to ask him more about his
- 11 methods. What is -- how do you respond to it?
- CATHY BORTEN: All right. The Tower Committee, which
- 13 is the technical review body that is made up, in part, by
- 14 independent engineers has seen these maps and has found
- 15 that there is a need. Planning Staff has seen these maps,
- 16 has seen what the Tower Committee reviewed and has found
- 17 that, you know, as Technical Staff and has found that there
- 18 is a need. These are the standard models that are used in
- 19 every one of these cases and we have a qualified expert
- 20 engineer who took these maps, performed his own test
- 21 driving the area and he also testified that you were -- I
- 22 think he said it was below .2 megabits in terms of time and
- 23 you need 20 megabits for reliable service. I think that
- 24 you have evidence of need. I don't -- I think we're trying
- 25 to --

- SUSAN LEE: I would just like to see his underlying
- notes, and I think the neighbors could -- I think that
- should be placed in because that's where the need is that
- this conditional use is going to be addressing.
- CATHY BORTEN: It's not required. SUSAN LEE: So unless we know the cul-de-sacs that are
- the problem I think -- and since he's got those notes I
- think they should just be submitted as part of the record.
- BILL CHEN: That's a different issue. And I respect 10 that issue.
- SUSAN LEE: That's my (inaudible) 11
- 12 BILL CHEN: But -- and I think --
- 13 SUSAN LEE: but I agree because I don't think that the
- 14 maps do that, and in fact they don't.
- 15 TAMMY CITRAMANNIS: Okay.
- SUSAN LEE: They didn't put them forward as that. 16
- 17 They put him forward and now we need his underlying data.
- TAMMY CITRAMANNIS: Okay. Well, he has given two
- 19 reports that detail; provide detail that you can certainly
- 20 cross-examine. I don't know that asking him to reveal his
- 21 notes; this is a compilation of his notes. Your -- the
- 22 specific question you're asking I don't know that there is
- 23 a chart that pinpoints everything. The idea is where is
- 24 the coverage.
- BILL CHEN: Yeah. I appreciate what you're saying and
- 1 I'm not disagreeing with what you're saying.
 - TAMMY CITRAMANNIS: For this witness, I mean --
 - 3 BILL CHEN: Yes.
 - 4 TAMMY CITRAMANNIS: -- you can cross examine him and -
 - 5 -
 - BILL CHEN: Yes. And that's why this -- why my 6
 - 7 brilliant cross-examination, if you will, was so brief
 - because this gentleman with his expertise is in a narrow
 - area. And where I am on this, and I think it's much more
 - 10 fundamental, is that that the evidence before you
 - 11 supposedly to show need, has not been presented to be
 - 12 examined. Cross-examined. We're entitled to that cross-
 - 13 examine -- what he has said is he undertook certain
 - 14 activity to his own independent evaluation. He never found
 - 15 gaps. There was sufficiency and I think he's candid in his
 - 16 report that this is an improvement in services. This is
 - 17 not your case where we don't have service. This is
 - 18 improving the service. And he's talking about the bars and
 - 19 that. And even I understood some of that. And that's what
 - 20 he did to independently satisfy himself. Okay. And you
 - 21 will hear some about that but that does not go to need.
 - GREG DIAMOND: Isn't Mr. Chen making his closing
 - 23 argument and in the middle of this witness's testimony?
 - 24 TAMMY CITRAMANNIS: I think it's going (crosstalk)
 - 25 BILL CHEN: Well --

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307 TAMMY CITRAMANNIS: I think that it is going to that 1 not being above the tree line. So they would -and your objection is noted. And I mean this is what TAMMY CITRAMANNIS: Disadvantage in what way? they're presenting and if it works it works. 3 THE PAUL DUGAN: They wouldn't get as much range from BILL CHEN: Yes. 4 TAMMY CITRAMANNIS: If it doesn't it doesn't. 5 TAMMY CITRAMANNIS: The circle would --THE PAUL DUGAN: -- having -- from their antennas. BILL CHEN: Yes. 6 TAMMY CITRAMANNIS: But this is what you're presenting TAMMY CITRAMANNIS: -- close in a little bit more? through this witness and that will be for me to, like, to THE PAUL DUGAN: Yeah, because trees act to reduce the make my decision. Do you have anything else because I do signal. We call it attenuation which inhibit 10 have a question. 10 radiofrequency propagation. They absorb energy. Where if SUSAN LEE: We have nothing further for him. 11 it's free space it, you know, travels more uninhibited. 11 TAMMY CITRAMANNIS: Okay. Your methods that you were TAMMY CITRAMANNIS: And is the fact that this is a 13 talking about, is this something that is recognized in the 13 tree, do the branches impact at the -- will it change the 14 field or is it something that has just worked for you? I 14 coverage? I mean was that part of your calculation the 15 mean just educate me on that. 15 fact that this will have branches as opposed to just a THE PAUL DUGAN: I would say both. I mean most 16 plain monopole? For Verizon's at 76? 17 radiofrequency engineers use common tools. I rely on my 17 THE PAUL DUGAN: No. It wouldn't make any difference 18 experience through my speed tests very heavily. But 18 for Verizon whether it was a monopole or a tree pole. 19 radiofrequency engineers don't just do computer modeling TAMMY CITRAMANNIS: Okay. Did you -- in the Tower 20 behind a desk in order to design their network. They have 20 Report I believe, and y'all can correct me if I'm wrong, 21 to get out in the field. They have to perform site visits 21 but I think the issue of whether you could do a tree and 22 to see what's out there. You can only see so much from 22 how it would affect, and I think the language was that it 23 Google Earth or Bing maps and what's in the area. You need 23 would affect the co-locators because it would interfere. 24 to see the level of vegetation, how the topography is in 24 Do you want to -- let me see if I can -- I'm just, and you 25 the vicinity of a proposed site location. And engineers 25 can -- if you can answer this, if not it's certainly 306 308 1 use, you know, drive test tools of a variety of types, and something y'all can further clarify. It's on Page 2 of I 2 Smartphones themselves are widely used as a measure of think 5B. The applicant reports that Verizon Wireless did 3 what's the user experience in that area. In fact, I just not consider a tree design because the monopole would be 4 want to point out one thing about the data that was asked partially camouflaged by the existing trees and the 5 for. I summarize exactly what the data was. There's addition of the tree design will not allow for co-locations 6 nothing in hiding here. Everything, every cul-de-sac every from at least two carriers. So I don't know if that would 7 junction of road, it was at or below one megabit per be your -- if that would affect this particular (inaudible) 8 second. It's not strong enough to support real-time live study or looking at, you know, adding co-locators. 9 streaming video, which today, you know, police, fire and THE PAUL DUGAN: I think the pole will be designed in 10 first responders are -- often rely upon to perform, you 10 such a way that the branching won't affect future co-11 know, life-and-death situation job functions. 11 locators that are going to co-locate below Verizon TAMMY CITRAMANNIS: And with regard to, you mentioned 12 Wireless. I'm not an expert on tree pole so I can't --13 the trees. The cell coverage at 76 center, I believe. 13 TAMMY CITRAMANNIS: Okay. No, no, and you --THE PAUL DUGAN: Centered on. 14 THE PAUL DUGAN: -- speak --15 TAMMY CITRAMANNIS: Centered on. You're just talking 15 TAMMY CITRAMANNIS: -- and I'm just throwing that out 16 about Verizon; co-locators, they are going to be at 66 and 16 there because it is, I mean one of the things is that 17 56 I believe. 17 you're able to co-locate and when I saw this it was like, 18 well, so effectively it might not be able to co-locate and 18 SUSAN LEE: I'd have to look at the (inaudible) CATHY BORTEN: About usually a 10 foot separation. 19 then it's just for one. So --19 TAMMY CITRAMANNIS: So is what you're saying that 20 CATHY BORTEN: So Mr. Siverling that structurally it 21 below, wherever the tree line is and I think you were 21 has been designed to be able to handle two co-locators. 22 saying you thought it was 60 to 70 feet, so Verizon's will 22 TAMMY CITRAMANNIS: Okay. 23 be above the tree line. But the ones that are below the 23 CATHY BORTEN: We do show them on the tree. The Tower 24 tree line, how does that affect coverage? 24 Committee Report also noted that the carrier is open to

25 discussion if residence object to the design during the

THE PAUL DUGAN: They would be at a disadvantage of

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conditional use process and so, you know, I think this was BILL CHEN: Well, individuals did. Yes, you're right. when it was a bare pole and so --We don't have any report from the Committee, but an --TAMMY CITRAMANNIS: Oh. Okay. supposedly he was --CATHY BORTEN: -- since once the tree --4 TAMMY CITRAMANNIS: We have a letter. You submitted a TAMMY CITRAMANNIS: I just thought -letter I believe. CATHY BORTEN: -- design became something to really BILL CHEN: (crosstalk) 6 talk about things were designed in order to allow for the 7 TAMMY CITRAMANNIS: Yeah, there is a letter. co-locators. CATHY BORTEN: In fact from the chairman of the Tower TAMMY CITRAMANNIS: I just wanted to know how it would 9 Committee. 10 impact his opinion as to the coverage. 10 TAMMY CITRAMANNIS: Right. Right. So you can THE PAUL DUGAN: I don't think the branches on the 11 certainly challenge that, but --11 12 tree pole are going to interfere. It's the tree vegetation 12 BILL CHEN: My point is -- yeah. 13 that surround the tree pole for those co-locators at lower 13 TAMMY CITRAMANNIS: But --14 heights will be affected. 14 BILL CHEN: I don't want to go over (crosstalk) TAMMY CITRAMANNIS: All right. Thank you. 15 TAMMY CITRAMANNIS: It's noted. BILL CHEN: Can we cross based upon that question? 16 16 BILL CHEN: At this hour. TAMMY CITRAMANNIS: It's noted. I know. It's --TAMMY CITRAMANNIS: Yes, based on my questions you 17 18 can. Did you all want to ask any more questions based on 18 okay. Did you have any questions for -- from individuals? 19 my questions are do you want to do it after they ask? SUSAN LEE: Just a second. Just make sure -- someone CATHY BORTEN: I'll wait until they've gone. 20 just asked me to make sure that you have his question. TAMMY CITRAMANNIS: Okay. So go ahead, Mr. Chen. 21 21 (inaudible) BILL CHEN: You mention, sir, that there was the 22. BILL CHEN: And we're at that stage? Okay. Why 23 inability on streaming and this is relied upon by 23 wasn't the parkland site adequate? 24 government agencies, police and fire. Have you received, 24 TAMMY CITRAMANNIS: Why wasn't the what? 25 or has Verizon, to your knowledge, received any complaints 25 BILL CHEN: The parkland site. 310 312 in that regard in this area? 1 GREG DIAMOND: The adjacent site. THE PAUL DUGAN: Not that I'm aware of, no. THE PAUL DUGAN: I don't see where it --2 2 3 3 CATHY BORTEN: What was the question, I'm sorry. BILL CHEN: Okay. THE PAUL DUGAN: But I know as a general fact that 4 BILL CHEN: Why wasn't in the parkland -they rely on lifetime streaming video to perform life-SUSAN LEE: This is the pool and adjacent to the pool 5 saving job functions. 6 is parkland. So why didn't they use the parkland? BILL CHEN: No doubt. But in this particular case you BILL CHEN: Oh. Okay. 8 are not aware of any complaints from those authorities CATHY BORTEN: Objection. Mr. Posilkin can testify to 9 where there's been a lack of service or a lack of 9 all of that. This isn't the proper witness for that. 10 communication? 10 TAMMY CITRAMANNIS: Okay. THE PAUL DUGAN: No. 11 BILL CHEN: Why are the 300 foot towers of Pepco on BILL CHEN: You may have more, but I just would like 12 Debery (phonetic) Drive south of Tuckerman Lane not shown? 13 to note that the objection I previously noted. The Tower 13 This tower is much closer than Falls Road. 14 Committee did not have this application in front of it. 14 TAMMY CITRAMANNIS: Is that something you can answer? 15 Respectfully Madam Examiner, your comments just now about 15 THE PAUL DUGAN: No. It's off the map as I understand 16 that report and what it talked about underscores, 16 it. So it's out of the area. It's irrelevant. 17 respectfully, the need that I believe under the zoning 17 TAMMY CITRAMANNIS: Okay. What's the next one? 18 ordinance that this application has a stale report from BILL CHEN: That's all I've got. 18 19 that committee. And I'll leave it at that. I don't want 19 TAMMY CITRAMANNIS: Okay. You done? You are? 20 to be accusing --20 (inaudible) TAMMY CITRAMANNIS: Okay. We'll end it at that 21 SUSAN LEE: Just for my information. You testified 22 because I think we've already established that they went 22 with regard to health and safety. If when they add the two 23 forward and they knew that they were going to be 23 additional, they expand the additional two, will it go 24 camouflaging it and they told him because you're doing that 24 through an additional health and safety examination? Will 25 that we don't want --25 they have to come back through and -- or does the special

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- 1 exception, by granting the special exception now, has there
- 2 been a determination that the addition of the two other co-
- 3 locators will have -- make no impact with regard to the
- 4 safety issues with regard to radiation? Is that included
- 5 in your calculation as well?
- 6 TAMMY CITRAMANNIS: Oh the addition --
- 7 SUSAN LEE: Yeah, the additional --
- 8 TAMMY CITRAMANNIS: (crosstalk)
- 9 SUSAN LEE: I just wondered if folks will have --
- 10 well, who looks at that again as they build it out.
- 11 THE PAUL DUGAN: I only included what's proposed
- 12 today. Future co-locators are going to provide their own
- 13 and I don't have -- I don't know who's going to be the co-
- 14 locators so I wouldn't know the frequencies they're
- 15 operating (inaudible) for a future co-locator. What I can
- 16 tell you though, is that that at 56 feet and 66 feet
- 17 assuming there's a typical 10 foot separation center line
- 18 from one antenna set to the center line of the next you're
- 19 not going to see any consequential impact in an
- 20 electromagnetic field exposure anywhere near that facility.
- 21 The reason being the antennas are not putting out a lot
- 22 power like a broadcast facility. They serve in a small
- 23 area and no one can be anywhere near them. I have spent 30
- 24 years of my life standing in front of them on rooftops of
- 25 these types of antennas, so there's not going to be any
- 1 consequential impact from those co-locations. In other
- 2 words is still going to be remaining below 1 percent of the
- 3 FCE guidelines.
- 4 SUSAN LEE: Thank you.
- 5 THE PAUL DUGAN: I just want to --
- 6 GREG DIAMOND: There are no questions.
- 7 THE PAUL DUGAN: Okay.
- 8 TAMMY CITRAMANNIS: Okay.
- 9 SUSAN LEE: Thank you.
- 10 TAMMY CITRAMANNIS: Do you have any more questions?
- 11 You're good?
- 12 SUSAN LEE: No. Thank you.
- 13 TAMMY CITRAMANNIS: Okay. Thank you. Okay. It is
- 14 5:15, is the next witness is the next witness, a 45 minute
- 15 witness or?
- 16 CATHY BORTEN: It is our last witness for the day, and
- 17 I don't think it will take 45 minutes. At least my, let me
- 18 say my direct will not take 45 minutes.
- 19 TAMMY CITRAMANNIS: Okay. I'm-- okay.
- 20 GREG DIAMOND: It's a real estate valuation. That's
- 21 the final.
- 22 TAMMY CITRAMANNIS: Right. No I know what it is. I'm
- 23 just, reality wise, because I told everybody we would be
- 24 done at 6:00 and I don't want to cut it in the middle of
- 25 direct and cross.

- 1 CATHY BORTEN: As I said, I can get through my direct
- 2 in -- it's not going to take very long.
- TAMMY CITRAMANNIS: Okay. All right. And -- well, we
- 4 have Mr. Chen who has doubled for everybody which is great.
- 5 So hopefully the questions are as good as they've been,
- 6 very straightforward. All right. So why don't we go ahead
- 7 and start. And when it gets to about 10 of then we'll make
- 3 a decision because we are going to stop at 6:00.
- OCATHY BORTEN: Okay. I'll call Mr. Edward Steere.
- 10 TAMMY CITRAMANNIS: Okay. Raise your right hand. Do
- 11 you promise to tell the truth, the whole truth, and nothing
- 12 but the truth in your testimony under the penalty of
- 13 perjury?
- 14 EDWARD STEELE: I do.
- 15 TAMMY CITRAMANNIS: Please state your name and your
- 16 address and wait for Ms. --
- 17 EDWARD STEERE: My name is Edward Steere. I work for
- 18 Whitman, Frizzell, and Mitchell at 6240 Old Dobbin Lane,
- 19 Columbia, Maryland 21045.
- 20 CATHY BORTEN: Madam Hearing Examiner, these were both
- 21 identified in the list with the most recent entry as 180F,
- 22 as in Frank so we can do 180Fi for the CV and 180Fii for
- 23 the report if that's helpful.
- 24 TAMMY CITRAMANNIS: Okay. Yes.
- 25 CATHY BORTEN: All right. So I'm going to show you
- 1 what's been marked as Exhibit 180Fi and ask you to identify
- 2 tha

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- 3 EDWARD STEERE: That is my resume. My professional
- 4 resume.
- 5 CATHY BORTEN: Okay. And Exhibit 180Fii?
- 6 EDWARD STEERE: That would be the report that I
- 7 prepared for this.
- 8 CATHY BORTEN: All right. So where are you currently
- 9 employed?
- 10 EDWARD STEERE: The company is Whitman, Frizzell and
- 11 Mitchell. I know that they report says Val Ridge Property
- 12 Advisor, that was a franchise that has since separated from
- 13 Whitman, Frizzell and Mitchell.
- 14 CATHY BORTEN: And what are your job duties there at
- 15 Whitman, Frizzell?
- 16 EDWARD STEERE: I am the company planner and market
- 17 analyst. I do all of them market studies for them and also
- 18 any planning exercises that we --
- 19 CATHY BORTEN: Can you briefly explain your background
- 20 in market analysis and real estate market research,
- 21 development and planning?
- 22 EDWARD STEERE: So in a nutshell, I do market studies
- 23 for the last 15 years or so of my 30 years. I've been
- 24 doing market studies in particular for the majority of
- 25 market studies are demand and supply studies for housing or

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317 319 1 for retail or other special uses. Studies on impact on and what trends are evidenced in other similar situations. 2 value for cases such as this or gas stations and other BILL CHEN: When you say what trends are evidenced and special zoning, special exception cases. in other similar situations what do you mean by that? CATHY BORTEN: Do you hold a master of science in real CATHY BORTEN: Madam Hearing Examiner, I think were 5 estate? well beyond voir dire at this point for qualifying him as EDWARD STEERE: I do. 6 an expert. CATHY BORTEN: Do you have other advanced degrees as 7 BILL CHEN: I beg your pardon. I think were well into 8 well? voir dire. I think this goes to voir dire because right EDWARD STEERE: No. I have work towards a Masters of now I'm objecting to this witness testifying with regard to 10 Public Administration but have not completed it. 10 economic value at all. He sounds like he's very fine as CATHY BORTEN: Have you qualified as an expert in real 11 far as a market analyst and testifying (inaudible) demand. 12 estate appraisal before the Office of Zoning Administrative 12 Testifying about, at least I think I heard something about 13 Hearings or other land-use body in Montgomery County? 13 market trends, but that's not talking about the adverse EDWARD STEERE: Not appraisal. I am not an appraiser, 14 impact of a land-use on another land-use. So --15 but I have qualified as a market analyst. TAMMY CITRAMANNIS: Okay. Well what I was hearing CATHY BORTEN: Mr. Steere's CV was submitted to the --16 because it -- I'll agree when I heard market analysis I'm 17 to OZHA with his report that was included with the 17 not an appraiser and then you asked for market value 18 application and again with the prehearing statement. And 18 analysis meaning -- it sounded like he was going to be an 19 I'd like to move him as an expert in market value analysis. 19 appraiser. But then listening to him it sounds like it's TAMMY CITRAMANNIS: Okay. 20 just a fact where he wants to see what that factor in his 21 BILL CHEN: Sir, you just said that you've been 21 analysis has, if it has an impact on property values based 22 recognized as a expert on market analyst. Did I get that 22 on collecting those factors. That's what I'm hearing. 23 right? BILL CHEN: Well, if that's what you're hearing I'm 24 24 not quarreling with you on that. That's not what the EDWARD STEERE: Yes. 25 25 zoning ordinance is interested in. The zoning ordinance is BILL CHEN: And you're not an appraiser? 318 320 EDWARD STEERE: I am not an appraiser. interested in -- is on adverse impact on economic value. BILL CHEN: And what does a market analyst do? That's what the -- I'm using the language in the zoning 2 EDWARD STEERE: So I study -- well, a real estate ordinance. And it's not clear (inaudible) market analyst, let's be specific. I study real estate TAMMY CITRAMANNIS: Well, I guess how do you determine trends, demographics, and factors that go into the that then? It's -- or what's the experience that lends to viability of success and development. making that type of a --BILL CHEN: When you say viability of success and CATHY BORTEN: I think if when you see the words development, what does that mean? economic value, economic value is based on something. And EDWARD STEERE: So for example if -- this isn't a cell the -- how do you test economic value? Mr. Steere looks at 10 tower, but in that situation I'm going to say that I get 10 sales in the area, as he said, externalities, items that 11 hired as a consultant for lenders to find out whether they 11 may affect the market value. I'm --12 should lend to a developer to build the facility or to open BILL CHEN: That's not economic value impact. I 13 apologize if I interrupted you Ms. Borten. I thought you 13 a store or something like that, if that facility is going 14 to succeed. If there is enough demand for that addition to 14 were finished and I apologize if I did interrupt you. 15 the supply. That's the general sense of that. When it 15 TAMMY CITRAMANNIS: Okay. 16 comes to this particular type of case, I am looking at the CATHY BORTEN: The Zoning Ordinance and doesn't say 17 real estate trends of communities to determine whether, you 17 economic value as measured by X, Y, and Z. Or, you know I 18 know, what the valve you adjustments are for different 18 think what are we talking about in terms of economic value? 19 impacts of community and other externalities. TAMMY CITRAMANNIS: Well that will certainly, when we BILL CHEN: So tonight you're here to focus your 20 have -- they'll put on their case as to that and so your 21 testimony on real estate trends. 21 objection is noted. And your explanation. I'm going to EDWARD STEERE: The point of my study was to determine 22 qualify him to be a market -- you said market analyst, you

23 said market value, I don't know if that word is critical to

24 you, but you're asking for -- and he said he was a market

25 analyst. I mean we can probably split hairs.

23 whether there is an adverse impact on value by the

24 placement of a new monopole cell tower. In doing that I am

25 -- studied the neighborhoods to determine what trends exist

321 CATHY BORTEN: I mean I think if you're a market

think in --

TAMMY CITRAMANNIS: Yeah. Because you're asking him

5 to --

CATHY BORTEN: I mean he's going to testify -- I'm 6

2 analyst and one is sort of subsumed in the other. I mean I

going to be asking him questions about how factors in real

estate trends affected the values in this market, and

that's what he does as a market analyst is he looks at

10 market values. Is that an accurate representation --

EDWARD STEERE: Yes. 11

CATHY BORTEN: -- of effects on market values? I 12

13 don't see a distinction.

TAMMY CITRAMANNIS: Okay. I'm -- everybody's

15 objections are noted and explanations. I'll qualify you as

16 a market value (inaudible)

17 EDWARD STEERE: Thank you.

18 CATHY BORTEN: Thank you.

19 TAMMY CITRAMANNIS: You can --

20 CATHY BORTEN: I think it's even (inaudible)

21 TAMMY CITRAMANNIS: Sorry. I was leaning back.

CATHY BORTEN: Mr. Steere, did there come a time when

23 I, on behalf of Verizon Wireless requested that you prepare

24 an analysis of the impact of a telecommunications monopole

25 on residential real estate values?

1 homes in the Kentsdale Estates neighborhood. So the tower

is well covered with lots of carrier activity. It's not a

single carrier tower. It's an older tower. The -- so what

I did is I studied the Kentsdale Estates values and pricing

from the inception of the homes to present with sales and

to be clear the data that I use is -- for the numbers I was

looking at deeds and at state tax data which have the

8 actual prices in them. It's more reliable than the

multiple list which was also referenced, but the actual

10 data for my sale prices and dates was directly from deeds

11 for each of the properties. So in my report on the page

12 following Page 8 is a table of the -- of sales in Kentsdale

13 Estates and what we found was that through the inception of

14 this -- some of the earliest homes were from the early '80s

15 there's been a steady increase in value in that

16 neighborhood. And in fact the increase in value was

17 significant, more than double, even triple in their value

18 over that time frame.

CATHY BORTEN: And during that time this 130 foot pole

20 was present?

21 EDWARD STEERE: Yes, it was. And what I found was

22 that an important factor in that neighborhood is that this

23 pole is closer to these homes then the pole we're proposing

24 is to any homes and it is taller.

CATHY BORTEN: And is that neighborhood -- is there a

EDWARD STEERE: Yes, there was.

CATHY BORTEN: And did you prepare a report regarding

10200 Gainsborough Road in Potomac, Maryland?

EDWARD STEERE: Yes, I did.

CATHY BORTEN: And that's -- is that they report you

have there, 180F?

EDWARD STEERE: 180Fii.

CATHY BORTEN: Small double I. Right. And as part of

9 your report did you conduct studies of existing cell --

10 telecommunications towers and their impact on adjacent

11 neighborhoods?

12 EDWARD STEERE: I did.

13 CATHY BORTEN: And what neighborhoods did you look at?

14 EDWARD STEERE: I looked at the Kentland, or I'm

15 sorry. Kentsdale Estates, 1½ miles to the west of our

16 subject site on Damascus Boulevard -- or Democracy

17 Boulevard. And also at Potomac Crest which is about a

18 mile, 1.2 miles north on (inaudible).

CATHY BORTEN: And can you explain what you found at

20 the Bullis School Neighborhood in Potomac?

EDWARD STEERE: Yes. So the tower that's at the

22 Bullis School was referenced earlier by my fellow planner.

23 The tower is a 130 foot tower that has antenna that

24 extended up over 140 feet that is at the eastern end of

25 their sports complex, which is right up next to residential

large market for homes -- are there a large market of

buyers for homes in a neighborhood such as Kentsdale

Estates?

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4 BILL CHEN: Objection. I think that's part of what

he's talked about as far as his study.

SUSAN LEE: Yes, it is.

7 TAMMY CITRAMANNIS: I'll overrule it.

EDWARD STEERE: I would have to say that no. That

9 these homes are exceedingly large and exceedingly expensive

10 by many standards; some of them are over 17,000 square

11 feet. A couple of them are owned by foreign national

12 governments and their very specific architecture. They are

13 not tract houses. They are not commonly the same as one

14 another is. It is a unique estate like community where the

15 buyers tend to be more selective about what they are buying

16 into. Their architecture means a lot more to the people in

17 this neighborhood. They are willing to pay more for that. 18 The interesting fact here though is it that on a per square

19 foot basis these homes are about the same value as the

20 homes in the Snug Hill area.

21 CATHY BORTEN: And is this the opinion that you stated

22 in your July 13th report from 2016?

23 EDWARD STEERE: What's that?

24 CATHY BORTEN: Is this consistent with the opinion

25 that you included in your report?

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EDWARD STEERE: Yes.

CATHY BORTEN: So, Mr. Steere, you've been here today

- and you've heard the testimony of Mr. Landfair and Mr.
- Posilkin, regarding the proposed Verizon Wireless monopole
- at this location.
- EDWARD STEERE: Yes. 6
- CATHY BORTEN: And have you had the opportunity to
- inspect the subject neighborhood and the surrounding
- neighborhood that's been defined and is at issue here?
- EDWARD STEERE: Yes, I have.
- CATHY BORTEN: Specifically what neighborhood did you 11
- 12 look at?
- 13 EDWARD STEERE: Well, I went through all of the
- 14 neighborhood surrounding our subject site and I went
- 15 through the neighborhoods along the power lines up there
- 16 where -- in the Potomac Crest area and some other
- 17 neighborhoods near there as well and through the Kentsdale
- 18 Estates neighborhoods. So I basically toured the entire
- 19 area. I was as the same as some of the other folks on our
- 20 team, I was looking for other cell towers at the same time
- 21 looking for other cell sites to see where I could find a
- 22 similar externality to compare with neighborhoods.
- CATHY BORTEN: So based on your analysis of the
- 24 neighborhood for the proposed site and what you learned
- 25 studying the market surrounding the Bullis site, do you
- 1 have a professional opinion based upon a reasonable
- 2 certainty as to whether the proposed telecommunications
- 3 facility in the present case would be detrimental to the
- 4 use of peaceful enjoyment, the economic value, development
- of the surrounding properties or the general neighborhood?
- 6 BILL CHEN: Objection.
- CATHY BORTEN: And I'm going to narrow it to the
- 8 economic value portion. That -- I'm just quoting from the
- 9 Zoning Ordinance. He's confining his testimony to the
- 10 economic value piece.
- 11 TAMMY CITRAMANNIS: Okay --
- 12 BILL CHEN: Objection.
- 13 TAMMY CITRAMANNIS: Noted. I would like to hear the 14 basis.
- EDWARD STEERE: Okay. So in my opinion this -- my 15
- 16 professional opinion this proposed facility will have no
- 17 adverse effect on the neighborhood.
- CATHY BORTEN: Can you explain your -- the foundation 18
- 19 for that?
- EDWARD STEERE: The data that I've collected and
- 21 studied has shown that there hasn't been any particular
- 22 adverse effect on the values of homes based on their
- 23 proximity to cell towers or even other types of utilities
- 24 of this nature. Likewise, the proposed facility is quiet
- 25 and static. It is just like another tree there.

- 1 Ironically, now, when I looked at this study it was not a
- tree pole. It was a monopole, but now I would say it was -
- this is a still object in the landscape that will soon
- disappear into the landscape as every other stationary
- object. And so it does not have the same impact on value
- as something that creates noise, dust, and odor and things
- like that.

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- CATHY BORTEN: So I'm just thinking. So we're looking
- here at an 80 foot tall facility that has been designed to
- 10 be camouflaged as a tree. And when looking at that
- 11 compared to this 130 foot they are pole at Bullis, did you
- 12 identify any facts which would cause you to believe that
- 13 the effect on the real property values surrounding in this
- 14 neighborhood near East Gate would be any different from any
- 15 effects you observed at the Bullis site?
- BILL CHEN: Objection. He's a market analyst. He
- 17 cannot give opinions to the market economic value of the
- 18 house.
- MALE VOICE: (inaudible) 19
- 20 BILL CHEN: Oh I apologize. My objection is he --
- 21 this gentleman is a market analyst. He is not qualified to
- 22 give the value of the house and that is my objection.
- CATHY BORTEN: He's used -- he's testified that he has 23
- 24 used existing data on -- he is not valuing the homes. He's
- 25 relying on data that -- from the -- I -- the various

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- listing services that he's testified that he relied on.
 - And he -- I'm just asking him as someone who looks at real
 - estate trends and the externalities, all of which we talked
 - about in his voir dire, whether he sees any externalities
 - or any trends or any other facts that are different here
 - from the Bullis School that would cause this to have an
 - effect on values where it did not have an effect on values
 - near the Bullis School.
 - 9 TAMMY CITRAMANNIS: Okay. With that clarification
 - 10 I'll allow it.
 - 11 BILL CHEN: You're overruling the objection?
 - 12 TAMMY CITRAMANNIS: Yes.
 - 13 BILL CHEN: That's fine. I just want the record
 - 14 clear.
 - 15 TAMMY CITRAMANNIS: Yeah. No. I mean with that
 - 16 clarification I understand what you're saying and I don't
 - 17 think that's what he's going to give, but we'll hear it.
 - EDWARD STEERE: Okay. No. There is no other
 - 19 externalities here that would be any different. That --
 - CATHY BORTEN: And you mentioned the change in the 20
 - 21 tree pole from the bare pole to the tree pole. In your
 - 22 opinion did that -- does that change have any effect on
 - 23 anything that's in your report?
 - EDWARD STEERE: Well, there are no other tree poles in
 - 25 the area so I couldn't compare apples to apples in that

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Transcript of Hearing - Day 1

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answered.

Conducted on September 26, 2017 329 1 regard. But looking at the photo simulations and 1 people and that can create a hit on the salability of a 2 understanding the site and as a site designer myself, I 3 BILL CHEN: I've got to object and move to strike

3 understand that this particular pole will blend more with

4 the backdrop of the trees it's up against than the other

5 pole would have. And, of course, as has been testified

6 before you can only see this from the north -- for the most

-- north or west anyways. So it's not going to be visible

from the folks in (inaudible) from the south.

CATHY BORTEN: Does it change anything in your report?

10 EDWARD STEERE: No.

CATHY BORTEN: And in your professional opinion what

12 would you say are the most critical factors impacting

13 market values?

14 BILL CHEN: Market values was the word I'm--

15 TAMMY CITRAMANNIS: Huh?

TAMMY CITRAMANNIS: (inaudible) sits next to it.

17 Shouldn't there --

2

18 CATHY BORTEN: Generally.

19 TAMMY CITRAMANNIS: Generally market values. Things

20 that affect market value.

21 CATHY BORTEN: What are the most important items --

22. BILL CHEN: It's -- I -- it isn't clear yet.

23 EDWARD STEERE: Oh.

24 TAMMY CITRAMANNIS: That's -- it's a general question.

TAMMY CITRAMANNIS: What effects market value?

EDWARD STEERE: Okay. In my experience the -- so this

25 CATHY BORTEN: Yes.

EDWARD STEERE: Correct.

BILL CHEN: Okay. So that's not taking into account

22 with a background of trees.

people living in the immediate proximity of the property.

about the salability of a home. That's going beyond what

BILL CHEN: Again, I object to move to strike it.

CATHY BORTEN: That's all I have at this time.

15 let Mr. Chen go because he might ask a question that you

16 want to ask, although you've been asking very good ones.

19 the trees. I take it -- you're not -- I'm not clear if you

20 made this a point. You're saying someone from the north

21 looking south will see the camouflaged support structure

25 will be able to see it because they will be looking through

EDWARD STEERE: That's correct.

10 going to strike it. It's -- he's giving his -- overruled.

11 I'll give it the weight that I think it deserves.

BILL CHEN: Thank you.

CATHY BORTEN: I -- the question was asked. He

TAMMY CITRAMANNIS: He's moving to strike it. I'm not

TAMMY CITRAMANNIS: Ms. Wetter, you want? Well, let's

BILL CHEN: By the way, you mentioned the backdrop of

BILL CHEN: And people on the other side looking north

EDWARD STEERE: I don't follow that.

BILL CHEN: Well, there are people, some in this room

7 actually, who actually reside on the Snug Hill Lane;

there's nothing between them and the proposed facility.

9 Even with the trees behind it they will see it straight up.

10 Were you aware of that?

11 EDWARD STEERE: That's what I was referencing that it

12 will be with the backdrop of the trees behind it.

13 BILL CHEN: They won't necessarily --

14 EDWARD STEERE: From Snug Hill Lane --

15 BILL CHEN: So you're saying they won't be concerned?

EDWARD STEERE: I'm not saying they won't be

17 concerned. I'm saying there's a backdrop of trees behind

18 it that it's softens the appearance.

BILL CHEN: Okay. Thank you. You -- in rendering

20 your opinion you said that there was, in your report, that

21 there was no harm, I don't think that was your work, but

22 detriment may be to houses based on the market trends that

23 you gave us. That there is no detriment to homes based on

24 the proximity to the telecommunications tower. Based on

25 your review of the market, right? Your market trends.

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1 the trees.

17 Go ahead.

3 was an important to remind, you know, an appraisal of a

4 property goes inside and I'm not an appraiser so this was

5 with publicly found data to see what goes on. And the

6 market as most people understand it is relative to what 7 they can see and touch which might be in a real estate

8 perspective, you know, what they see in listings, what they

9 hear from their friends, what they've experienced

10 themselves with selling a house or renting a property or

11 something like that. So more often than not in an

12 appraisal or -- and/or a real estate situation the pricing

13 or the value in an appraisal situation is going to be based

14 on far more detailed than what we're looking at here. So

15 it could be that how -- what color a house is or what color

16 the neighbors house is; what -- how they did their

17 landscaping. The fact that there is, in this case, a

18 swimming pool and that's probably pretty noisy during the

19 summer time if, you know, during the day and that's

20 wonderful. But that can effect somebody who wanted to move

21 in the peace and quiet. They might find it's easier to

22 sell in the wintertime in this neighborhood. I don't know.

23 I didn't do that kind of study. But that those are some of

24 the external factors you run into. If there's a traffic

25 jam at the traffic light there for example, that can bother

EDWARD STEERE: Right.

- BILL CHEN: So that observation could actually be made
- with regard to any location and any telecommunication
- facility. Isn't that right?
- EDWARD STEERE: No.
- BILL CHEN: Okay. And how would you make a
- EDWARD STEERE: Because this is a study of this area.
- 9 This is a study of sales in Potomac, Maryland. And this
- 10 isn't a study of sales in Nebraska, so it's a different
- 11 animal.
- BILL CHEN: Oh. Okay. So you're -- what you're
- 13 saying is there is in the Potomac area of Montgomery county 13 appreciated by year go up more between 1980 and 19,
- 14 no adverse impact by having a house in proximity to one of
- 15 these telecommunications facilities?
- EDWARD STEERE: I did not find that.
- 17 BILL CHEN: Okay. What do you define as the Potomac 18 area?
- EDWARD STEERE: I was looking anywhere from the
- 20 Potomac River to the Route 270 corridor.
- 21 BILL CHEN: And did you drive that entire area?
- EDWARD STEERE: Most of it, yeah. 22
- 23 BILL CHEN: Okay. Okay. By the way, do you know the
- 24 distances of every residence within 300 feet of the Bullis
- 25 tower?

- 334
- EDWARD STEERE: I referenced a couple of them in my
- report based on mapping off of (inaudible).
- BILL CHEN: You determine that based off what?
- EDWARD STEERE: Google Earth.
- 5 BILL CHEN: Oh. Okay. How many were there?
- 6 EDWARD STEERE: What's that?
- BILL CHEN: How many did you find within that
- 8 distance?
- EDWARD STEERE: Well, no, I didn't do a 300 foot
- 10 radius. I did -- I had to homes on Staple (inaudible) on
- 11 Page 9 of my report are 290 feet and 300 feet from the
- 12 Bullis tower. Just an estimation from Google Earth, so
- 13 it's not precise. It's not surveyed.
- 14 BILL CHEN: Okay. Thank you very much. That's all I 15 have.
- TAMMY CITRAMANNIS: Ms. Wetter.
- CHERYL WETTER: Cheryl Wetter. When was the Kentsdale
- 18 Estate tower installed?
- EDWARD STEERE: I think it was -- I thought I had 19
- 20 that.
- TAMMY CITRAMANNIS: Stop for a second. All right. I
- 22 know we're close to the end. Please turn off your cell
- 23 phones. Thank you.
- 24 FEMALE VOICE: Could she just repeat the question.
- 25 CHERYL WETTER: When was the Kentsdale tower

- 1 installed? He made a reference to the value of those homes
- going up since 1980. I just -- I wanted to know when the
- tower was installed.
- EDWARD STEERE: The best information I have is it was
- installed in the mid-1990s.
- CHERYL WETTER: Have they gone up as much since the 6
- 1990s as they did from the '80s before that?
- EDWARD STEERE: I'm showing that it varied by house,
- but yes. They went up so in my report the community
- 10 average in 1988 was \$95 a square foot and in 2003 it was
- 11 \$262 a square foot.
- CHERYL WETTER: But I'm saying, did the amount they
- 14 whenever the tower went in, than it did the other -- and of
- 15 course there are other factors, there's also the real
- 16 estate market.
- 17 EDWARD STEERE: I didn't do a year-by-year analysis of
- 18 any of these neighborhoods. I did a --
- CHERYL WETTER: But all the houses, since everywhere
- 20 have gone up since 1980. That's why it seems like a kind
- 21 of strange analysis to come up with. But let me go on to
- 22 my second question. You said that you are sometimes hired
- 23 by developers to make recommendations for where they would
- 24 site their new housing and that.
- EDWARD STEERE: Mm-hmm (affirmative).
 - CHERYL WETTER: Do you ever take into consideration
- towers and electrical lines when you do that analysis for
- 3 them?

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- 4 TAMMY CITRAMANNIS: All right. We're having a serious
- problem. Really. Everyone, hold up your cell phone turn
- it off. Who's is that? Is that yours Mr. Chen?
- BILL CHEN: No.
- 8 TAMMY CITRAMANNIS: Somebody was pointing.
- 9 BILL CHEN: No. I turned mine off this morning and I
- 10 put it in my briefcase.
- 11 CHERYL WETTER: It's not mine.
- TAMMY CITRAMANNIS: I'm kidding. Really. I'm just
- 13 trying to -- I hate telling adults to turn off your cell
- 14 phone. It's usually my children. So if you could do that
- 15 please we're so close. It's 10 of and Ms. Wetter is
- 16 waiting patiently to finish her sentence.
- 17 CHERYL WETTER: I think I finished. I'm waiting for
- 18 your --
- 19 EDWARD STEERE: Okay. That's what I thought.
- CHERYL WETTER: When you do this analysis for them do 20
- 21 you take the items into consideration, cell towers,
- 22 electrical wires, or lines coming through, utilities?
- 23 EDWARD STEERE: Absolutely. So when I am hired to
- 24 help a developer price a product I look at all the factors
- 25 of the community including where the nearest fire

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339 1 department is. Where the nearest schools are. How they buildings. It's a not been a hindrance to our clients. 2 perform. What, you know, what transportation elements are CHERYL WETTER: Residential clients? 3 nearby and how assessable they are. It all goes into one 3 EDWARD STEERE: Mm-hmm (affirmative). 4 big bowl of information and we have a lot of experience in 4 TAMMY CITRAMANNIS: Yes, you have to say yes. 5 history with other properties on their pricing relative to 5 CHERYL WETTER: But I'm --6 where ever they are. And some of them are next to power MALE VOICE: Was that a yes? Was that yes? lines, railroads, things like that. Other utilities that EDWARD STEERE: Yes. Yes. Yesh, residential clients. aren't quiet and --So the residential --CHERYL WETTER: Do you --CHERYL WETTER: But these are residential clients who 10 EDWARD STEERE: -- and it is included in everything. 10 were already there and a tower came in and you're saying --11 It's, you know, what is the consumer looking for is what we 11 I'm saying if a builder had two exactly same size lots; one 12 do. What is the consumer willing to trade depending on the 12 that had a cell tower in the middle of it or utility lines 13 rent level or the sale price, you know. A Kentsdale sale 13 are whatever you want to have in there, and one that 14 price is a very unique buyer. It's not the same as the 14 didn't, which would you recommend as the most salable? 15 buyer of a moderate home. So it just depends on the buyer EDWARD STEERE: I wouldn't make a recommendation based 16 as well. It's a complex algorithm. 16 on one factor. That's what I would recommend. There's CHERYL WETTER: I know I was in a real estate for 28 17 more to it. Every property is unique and every property 18 years, I know. And when you get companies, or countries 18 has other features that have to be considered 19 rather, buying houses that's a very different buyer because CHERYL WETTER: Right. But -- and I'm getting back to 20 they're not concerned about the value going down the line. 20 which column would you put the cell tower in? A plus or a 21 Their concern was something else. 21 minus? 22 EDWARD STEERE: Yeah. 22. CATHY BORTEN: Asked and answered. 23 CHERYL WETTER: Would you put a cell tower on the plus 23 EDWARD STEERE: I don't do it that way. 24 if there was a cell tower going to be in the midst of a 24 TAMMY CITRAMANNIS: I believe he said neutral. 25 development a builder was going for? Would that be a plus 25 EDWARD STEERE: I just don't do it that way. So I 338 340 to him or a minus? 1 can't say. I can't answer that question. EDWARD STEERE: It would be a neutral. CHERYL WETTER: All right. I have nothing else. 2 CHERYL WETTER: Really? 3 TAMMY CITRAMANNIS: Ms. Lee? Mr. Chen? EDWARD STEERE: Mm-hmm (affirmative). 4 BILL CHEN: I've been handed --5 CHERYL WETTER: What about utility lines? 5 TAMMY CITRAMANNIS: You have a piece of paper. All EDWARD STEERE: I'm not an appraiser but I work in the 6 right. premier appraisal office in the area --BILL CHEN: Why does the Maryland Department of CHERYL WETTER: But you make recommendations --Assessment and Taxation give a discount in assessments to EDWARD STEERE: We don't -properties near the 300 foot towers; both lower land and 10 CHERYL WETTER: -- based on what's there, right? 10 building values? Okay. EDWARD STEERE: We don't find cell towers to be --11 CATHY BORTEN: Objection. 11 BILL CHEN: Objection. Move to strike. 12 EDWARD STEERE: That wasn't evidenced in the data that 12 13 EDWARD STEERE: We don't find cell towers be an issue. 13 I --TAMMY CITRAMANNIS: Yeah I --14 TAMMY CITRAMANNIS: What are you objecting to? 14 15 BILL CHEN: Giving information on value on appraisals. 15 CATHY BORTEN: Wait. 16 That's where he was going. That's not what the lady asked. BILL CHEN: There's an objection. 16 17 He was giving what their appraisal firm does. 17 EDWARD STEERE: Okay. TAMMY CITRAMANNIS: Well, we're going to let him TAMMY CITRAMANNIS: You're asking him whether --18 19 finish his question, or his answer because I didn't even 19 CATHY BORTEN: I don't think he can testify to what 20 get the end of it before you --20 SDAT does. 21 BILL CHEN: Jumped in. 21 TAMMY CITRAMANNIS: Yeah. 22 TAMMY CITRAMANNIS: -- objected. 22 CATHY BORTEN: He's not the Assessor. EDWARD STEERE: What I'm suggesting is we have 23 TAMMY CITRAMANNIS: I didn't --24 buildings in our client list that have cell facilities on 24 BILL CHEN: That is the assessment agency. I will 25 the buildings and the buildings are high-performing luxury 25 just say that.

Transcript of Hearing - Day 1

Conducted on September 26, 2017

- TAMMY CITRAMANNIS: Pardon me?
- BILL CHEN: Pardon me, Madam Examiner. My
- understanding is that this is the department that makes the
- assessments where he got his data. He says he gets data --
- CATHY BORTEN: But he can't testify as to why they
- give -- why they do what they do.
- BILL CHEN: I understand that.
- 8 MALE VOICE: I could.
- TAMMY CITRAMANNIS: Agreed.
- BILL CHEN: Oh Jesus. How do you compare Kentsdale, 10
- 11 which is a mixed-use neighborhood, to East Gate which is a
- 12 bucolic single-family only neighborhood?
- 13 EDWARD STEERE: Kentsdale is not a mixed-use 14 neighborhood.
- BILL CHEN: Have you visited East Gate? 15
- EDWARD STEERE: Yes. 16
- BILL CHEN: How have the market values of the homes
- 18 that abut the Bullis tower performed before the erection of
- 19 the tower as compared to after the erection of the tower,
- 20 holding other externalities constant?
- 21 EDWARD STEERE: I think she asked me that same
- 22 question just a few minutes ago.
- BILL CHEN: Well what --
- 24 TAMMY CITRAMANNIS: She did ask that question. I
- 25 think he answered it.
 - BILL CHEN: What was the answer -- your answer, sir?
- GREG DIAMOND: It was already asked and answered. 2
- 3 CATHY BORTEN: It's asked and answered.
- GREG DIAMOND: He doesn't have to repeat his --
- 5 CATHY BORTEN: He doesn't have to do it again.
- BILL CHEN: Did you report -- did your report take
- into account what happened to the sale price of homes that
- sold in East Gate after the zoning change conditional use
- sign was posted?
- 10 EDWARD STEERE: (inaudible)
- BILL CHEN: Did you take into account the fact that
- 12 quite a few of the houses in East Gate were sold by parents
- 13 to children, at least two of the houses --
- CATHY BORTEN: Objection. Relevance and it wouldn't -
- 15 foundation. It goes beyond the scope.
- TAMMY CITRAMANNIS: Well, we can ask him if it was a
- 17 factor and if it wasn't a factor he'll say it wasn't a
- 18 factor.
- EDWARD STEERE: Okay. So I did recognize that in my
- 20 data and those are not arms length transactions so they did
- 21 not get included in the --
- BILL CHEN: That's all I've got. 22
- 23 TAMMY CITRAMANNIS: That's all you have.
- 24 BILL CHEN: That's all I got.
- 25 TAMMY CITRAMANNIS: Do you have any more questions?

- 1 Okay. Thank you very much.
- BILL CHEN: Thank you.
- CATHY BORTEN: Thank you.
- TAMMY CITRAMANNIS: And it's five of 6:00. I see that
- you have one more person on your list; it is that person
- not testifying or is that going to be tomorrow morning? I
- have Michael Farber.
- 8 CATHY BORTEN: No. Mr. Farber's not testifying.
- TAMMY CITRAMANNIS: Okay. He was on your witness
- 10 lists. Okay. So we will be back here at -- I need your
- 11 attention. We will be back here at 9:30 hopefully I won't
- 12 run into traffic and I will be here before then. I just
- 13 wanted to raise the issue that we have had an individual
- 14 request an interpreter. A Mandarin Chinese interpreter for
- 15 -- (inaudible) and I'm just laying this to you, for three
- 16 individuals that are coming to the hearing and possibly
- 17 giving their testimony. To narrow the cost of having an
- 18 interpreter the whole day they're going to -- the
- 19 interpreter will be here at 10:00 so the question will be,
- 20 I'm going to ask and if they wanted to testify you know,
- 21 give their statement and take them out of order so we can
- 22 release the interpreter. I don't know the names of the
- 23 people; we'll know when they show up. It might be in my
- 24 email now but I just wanted to bring that to everybody's
- 25 attention and I mean they're -- they don't understand
- 342
- (inaudible) they need an interpreter.
- BILL CHEN: Well, on behalf of my --2 3 CATHY BORTEN: We have no objections.
- 4 BILL CHEN: -- (inaudible) closed.
- 5 CATHY BORTEN: No.
- BILL CHEN: I mean do you have any more witnesses or -6
- 7 -
- 8 CATHY BORTEN: Not on direct, no.
- 9 BILL CHEN: Okay. So -- well, I think have you --
- 10 CATHY BORTEN: I think we're just starting your case
- 11 to --
- 12 TAMMY CITRAMANNIS: Yes.
- CATHY BORTEN: Go ahead. 13
- 14 TAMMY CITRAMANNIS: You will be --
- GREG DIAMOND: So I don't know. If Mr. Chen is asking
- 16 us are we closing or are we waiting until tomorrow morning
- 17 until we close?
- 18 BILL CHEN: Yeah.
- 19 GREG DIAMOND: Why don't we wait until tomorrow
- 20 morning?
- 21 TAMMY CITRAMANNIS: Okay. That's fine.
- 22 BILL CHEN: That's fine. I just want to know.
- 23 TAMMY CITRAMANNIS: And then you'll be ready to start.
- 24 But I just wanted to let you know that we do have that 10
- 25 period -- 10:00 window where the interpreter will be here

Conducted on Se	ptember 20, 2017
and I would like to be able to	1 CERTIFICATE OF TRANSCRIBER
2 BILL CHEN: My clients have no problem with that.	2 I, MOLLY BUGHER, do hereby certify that the foregoing
3 CATHY BORTEN: We have no problem.	3 transcript is a true and correct record of the recorded
4 TAMMY CITRAMANNIS: If they want to testify.	
5 CATHY BORTEN: No, that's fine.	
6 TAMMY CITRAMANNIS: And, all right. So	5 best of my ability from the audio recording and supporting
7 GREG DIAMOND: (inaudible) even.	6 information; and that I am neither counsel for, related to,
8 TAMMY CITRAMANNIS: Okay.	7 nor employed by any of the parties to this case and have no
9 GREG DIAMOND: And that's just procedural. In this	8 interest, financial or otherwise, in its outcome.
10 quasi-judicial proceeding do you want all of the exhibits	9
11 that have been identified to be specifically moved into	10 00 00 0
12 evidence, and collectively all that have been identified or	11 Maly Dugher
13 are they just in automatically?	12 Molly Bugher
14 TAMMY CITRAMANNIS: They have to be moved in we're	13 DATE: October 5, 2017
15 not done. I need let's get this clear. And that's a	· ·
16 very good question because I have 200 and I hope we're not	14
17 going to go through one by one. I hope everybody has, you	15
18 know, I mean I give them the weight that I think they	16
19 deserve. But yes, we have to move in and that would be	17
20 generally what I do at the end of the hearing and say okay,	18
21 we're going to move in the evidence into the record. Any	19
22 objections. And I'm hoping, I mean you've already listed	20
23 those that you want taken out because Mr. Noonan's no	21
24 longer here, or it related to something else. But yes.	22
25 CATHY BORTEN: So you want to do that at the end?	23
·	23
1 TAMMY CITRAMANNIS: Yes.	
- CARTWINOPERTY CALL I	
2 CATHY BORTEN: Of the hearing. 3 BILL CHEN: Right. Is not before we close our case in	
4 chief?	
5 TAMMY CITRAMANNIS: We can do it either way. We can	
l	
10 to be able to move everybody forward so we get all of the 11 testimony in. You're looking puzzled. Okay. You can ask	
12 me tomorrow. Any other questions? Okay. Then we are	
13 adjourned at not adjourned. We are going to close for	
14 tonight but we will be back here tomorrow to continue the	
15 hearing at 9:30 a.m.	
16 CATHY BORTEN: Thank you.	
17 (Off the record at 6:00 p.m.)	
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