HARDING TOWNSHIP BOARD OF ADJUSTMENT MINUTES REGULAR MEETING NOVEMBER 19, 2020 7:30 PM

CALL TO ORDER AND STATEMENT OF COMPLIANCE

The Board of Adjustment Chair, Mike Flanagan called the regular meeting of the Board of Adjustment to order at 7:30 and announced that adequate notice of the meeting had been made in accordance with the New Jersey State Open Public Meetings Act and State Executive Order 103.

ROLL CALL

Ms. Taglairino called the roll. It went as follows:

Ms. Sovolos	Present	Mr. Newlin	Present
Mr. Flanagan	Present	Mr. Maselli	Present
Mr. Rosenbaum	Present	Mr. Addonizio	Present
Mr. Symonds	Present	Ms. Chipperson	Present
Mr. Cammarata	Present		

ADMINISTRATIVE

Mr. Newlin addressed ordinances being reviewed before the Planning Board. Mr. Newlin asked for the Board of Adjustment members to submit any comments.

RESOLUTIONS

Resolution BOA # 07-2020	Harding Township Board of Adjustment Adopting
	Emergency Protocols, Procedures and Requirements for
	Public Participation at Remote Meetings

Mr. Flanagan made a motion to adopt <u>Resolution BOA #07-2020</u> for Emergency Protocols for Remote Meetings. It was seconded by Mr. Rosenbaum. A roll call vote went as follows:

For: Addonizio, Chipperson, Flanagan, Maselli, Newlin, Rosenbaum & Symonds. Against: None

Application BOA# 11-20 John & Joy Dalena

204 Blue Mill Road, B9L3.01 RR Zone

Mr. Flanagan made a motion to adopt the Resolution <u>BOA #11-20 Dalena</u>. It was seconded by Mr. Newlin. A roll call vote went as follows:

For: Ms. Chipperson, Mr. Flanagan, Mr. Newlin, Mr. Addonizio, Mr. Maselli, Mr. Symonds & Mr. Rosenbaum.

Against: None

MINUTES

Mr. Flanagan made a motion to approve the minutes from the following meetings:

September 17, 2020, September 30, 2020, (with an amendment to an incorrect carry date), October 15, 2020, October 29, 2020 and the September. 30, 2020 Executive Session Minutes. The motion was seconded by Mr. Newlin. On a voice vote all eligible members were in favor of approving the minutes.

The transcripts are appended but not part of the regular minutes.

NEW BUSINESS

Application BOA# 03-20 James Carifa and Sara Conine

7 Lees Hill Road B17/L55, R-1 & R-2 Zones

Applicant is requesting variance relief for building coverage and

a front setback as per NJSA 40:55D 70(c)

Presenting:

Joseph Hyland, Architect

James Carifa and Sarah Conine, Owners

Mr. Hall swore in Mr. Hyland, Mr. Carifa and Ms. Conine

- Ms. Conine presented proposed plans to renovate her childhood home with intentions of preserving the historic character of the structure.
- Mr. Hall asked about the use of the accessory structures on the property.
- Mr. Hyland noted that the building area will be expanded.
- Mr. Hyland noted a change in the roof line.
- Mr. Hall requested elevations be provided for the next meeting noting existing and proposed area of change.

A site inspection was set for December 12, 2020 at 9:00am.

OLD BUSINESS

Application BOA# 17-18 New York SMSA Limited Partnership d/b/a Verizon Wireless

8 Millbrook Road, B17/L1, PL Zone

Applicant requesting variance relief for use, per NJSA 40:55D-

70(d) for a cell tower.

Presenting:

Richard Schneider, Attorney

Frances Boshulte, RF Manager

Dr. Eisenstein, RF Specialist

Mr. Mlenak is acting Board Attorney for this application.

Robert Simon is an objecting attorney for this application.

A transcript of the testimony is appended to the minutes.

OTHER BUSINESS

None

ADJOURNMENT

Mr. Flanagan adjourned the meeting at 11:03

Lori Taglairino

Respectfully submitted by Lori Taglairino, Board of Adjustment Secretary_

HARDING TOWNSHIP BOARD OF ADJUSTMENT RESOLUTION

John & Joy Dalena - Application No. BOA 11-20 204 Blue Mill Road - Block 9, Lot 3.01 Adopted November 19, 2020

WHEREAS, John and Joy Dalena applied to the Harding Township Board of Adjustment for variances from Section 225-116(D)(1) of the Land Use and Development Ordinance, which prohibits the location of accessory structures in front of the principal structure on a property, Section 225-122(F)(1), which requires an enhanced minimum front setback of 150' if the total building area exceeds 3,920 square feet, and Section 225-122(H), which permits a maximum lot coverage ratio of 10%, to permit relocation of emergency generator and A/C condenser pads from the rear to the front of the residence and authorize the current nonconforming lot coverage ratio on property located at 204 Blue Mill Road in the RR Zone that is designated on the Township Tax Map as Block 9, Lot 3.01; and

WHEREAS, the Board of Adjustment conducted a public hearing on the application at a virtual meeting using the Zoom platform on October 15, 2020, for which public notice and notice by applicants were given as required by law; and

WHEREAS, the Board of Adjustment determined that a site inspection was not necessary based on the characteristics of this particular property and proposal; and

WHEREAS, the Board of Adjustment considered the testimony and exhibits presented during the public hearing; and WHEREAS, at the meeting on October 15, 2020, the Board of Adjustment adopted an oral resolution approving the variance application, subject to certain conditions and based on findings and conclusions as memorialized herein;

NOW, THEREFORE, BE IT RESOLVED by the Harding Township Board of Adjustment, this 19th day of November 2020, that approval of the variance application of John and Joy Dalena is hereby memorialized as follows:

Findings of Fact and Statement of Reasons

- 1. The subject property is located at 204 Blue Mill Road in the RR Zone. It has a lot size of 3 acres that conforms with the minimum for the R-1 Zone that previously applied, but is nonconforming as to the 5 acre minimum for the RR Zone that currently applies.
- 2. The property is improved with a single-family residence with a side entry garage. The property has an unusual shape that narrows to the rear of the residence, as shown on a copy of a survey prepared by Braginsky Surveying, LLC, dated April 27, 2015, that was superseded by a new survey also prepared by Braginsky Surveying, LLC, dated September 15, 2020.
- 3. The applicants proposed to relocate emergency generator and A/C condenser pads from the rear of the residence to a location in front of the residence as generally shown on a marked copy of the initial survey.
- 4. The proposed location of this mechanical equipment in front of the residence requires variance relief from the accessory structure location restriction in Section 225-116(D)(1).
- 5. The second survey included a lot coverage calculation that indicated a ratio of 11.3%, which for the first time informed the applicants that the lot coverage ratio exceeded the 10% maximum in Section 225-122(H). The application was amended to request variance relief from the 10% maximum to authorize the current ratio of 11.3%.
- 6. Discussion at the public hearing resulted in a determination that the applicable front setback requirement is 150', rather than 100', due to a total building area of 4,634 square feet that exceeds the 3,920 square foot threshold in Section 225-

122(F)(1) that triggers an enhanced 150' front setback requirement. The application was amended to request variance relief from this requirement for the proposed mechanical equipment pads that were determined to have proposed front setbacks of at least 100'.

- 7. Separate variance relief from the restriction against enlargement of nonconforming structures in Section 225-115(B) is not required, since the nonconforming residence would not be altered or enlarged in connection with the current proposal.
- 8. Testimony in support of the application was provided by the applicants. They stated that the present rear yard location of the mechanical equipment is adjacent to the sleeping quarters in the residence and thus is very disruptive. The proposed front yard location would be screened from the road by existing vegetation, and they agreed to install a fence and additional landscaping to provide further screening.
- 9. The applicants testified that they had not installed lot coverage that resulted in a nonconforming ratio of more than 10%. They stated that the driveway and parking area had been converted from pavement to pea gravel, which reduced the amount of impervious coverage. They testified that removal of existing coverage to reduce the ratio would not be practical.
 - 10. No neighbor or member of the public commented on or objected to the application.
- 11. The proposed front yard location for the mechanical equipment improvements is the only practical location due to the garage and parking area to the east side of the residence and the limited side yard area within the building envelop on the west side.
- 12. The applicants agreed to provide a fence and additional landscaped screening between the mechanical equipment area and the street. Based on these conditions, the front yard location for the mechanical equipment will not have any adverse impact on the streetscape ort any adjacent properties.
- 13. The setback of at least 100' from Blue Mill Road will not be appreciably different than the current front setback for the residence that complied with the lesser requirement of 100' that applied when the residence was constructed.
- 14. Construction of the mechanical equipment at the proposed location will not result in any adverse impacts on adjacent properties under the particular circumstances of this property and proposal.
- 15. Based on the unusual lot shape and the location and characteristics of the existing and proposed improvements, denial of the requested variances would impose peculiar and exceptional practical difficulties on the applicants by precluding the proposed relocated mechanical equipment pads and potentially requiring removal of some existing lot coverage, thus making variance relief appropriate pursuant to N.J.S.A, 40:55D-70(c)(1).
- 16. All of the variance relief requested by the applicants can be granted without substantial detriment to the public good and without substantially impairing the intent and purpose of the Master Plan and Zoning Ordinance of the Township of Harding.

Description of Variances

- 1. A variance is hereby granted from the restriction in Section 225-116(D)(1) of the Land Use and Development Ordinance to allow the mechanical equipment pads for an emergency generator and A/C condenser units to be located in front of the residence relative to Blue Mill Road, as shown on a survey prepared by Braginsky Surveying, LLC, dated September 15, 2020, as required to be revised as a condition of this approval.
- 2. Variance relief is hereby granted from the enhanced 150' minimum front setback requirement in Section 225-122(F)(1) of the Ordinance to permit mechanical equipment pads for an emergency generator and A/C condenser units to be located in front of the residence with minimum front setbacks of at least 100', as shown on the survey as required to be revised as a condition of this approval.
- 3. A variance is hereby granted from the 10% maximum lot coverage ratio requirement in Section 225-122(H) of the Ordinance to authorize the current ratio of 11.3%, as shown on the survey as required to be revised as a condition of this approval. **Variance Conditions**

These variances are granted subject to the following conditions:

- 1. Any outstanding property taxes, application fees and technical review fees shall be paid prior to issuance of a building permit and certificate of occupancy.
 - 2. The applicants shall obtain a building permit and any other necessary approvals.
- 3. These variances are based on and authorize only the specific improvements proposed by the applicants as set forth in the testimony, application and plans. New or amended variance approval may be required for any materially different improvements.
- 4. These variances are granted subject to the condition that the survey and separate zoning table shall be revised as follows:
 - a. All zoning criteria shall be shown correctly.
 - b. The enhanced front setback line of 150' shall be shown.
 - c. The specific location, footprint dimensions and front setback figures shall be shown for the mechanical equipment and pads.
 - d. The locations and specifications for a fence and additional landscaping screening of the mechanical equipment area shall be shown.
 - e. Compliance with these conditions and the required revised survey will be subject to review and approval by the Township Engineer, who may conduct a post-construction inspection.
- 5. These variances shall expire unless the authorized construction is commenced within one year from the date of this resolution and subsequently is pursued in a reasonably diligent manner, as extended by the Permit Extension Act.

Vote on Resolutions

For the Oral Resolution: Chipperson, Flanagan, Maselli, Newlin, Rosenbaum, Addonizio & Symonds. Against the Oral Resolution: None.

For the Form of the Written Resolution: Chipperson, Flanagan, Maselli, Newlin, Rosenbaum,

Addonizio & Symonds.

Against the Form of the Written Resolution: None.

RESOLUTION BOA# 07-2020 OF THE TOWNSHIP OF HARDING ZONING BOARD OF ADJUSTMENT ADOPTING EMERGENCY PROTOCOLS, PROCEDURES AND REQUIREMENTS FOR PUBLIC PARTICIPATION AT REMOTE MEETINGS

WHEREAS, the purpose of N.J.A.C. 5:39-1 et seq., Emergency Remote Meeting Protocol for Local Public Bodies, is to ensure that local public bodies can continue to conduct official business in an open and transparent manner whenever a declared emergency exists that prohibits physical attendance by members of the public; and

WHEREAS, a "declared emergency" means a public health emergency pursuant to the Health Powers Act, <u>N.J.S.A.</u> 26:13-1 et seq., or a state of emergency, pursuant to P.L. 1942, c. 251 or both, or a state of local disaster emergency which has been declared by the Governor and is in effect; and

WHEREAS, N.J.A.C. 5:39-1.3 permits a local public body to hold a remote public meeting to conduct public business during a declared emergency if the emergency reasonably prevents a local public body from safely conducting public business at a physical location with members of the public present; and

WHEREAS, if during a declared emergency the Zoning Board of Adjustment of the Township of Harding (the "Zoning Board") holds a physical meeting in a location where, pursuant to State/Federal guidelines meant to mitigate risk, capacity restrictions are required to reduce the number of individuals that can be present in a meeting, the Zoning Board shall either:

- Hold the public meeting at another location with adequate capacity for the reasonable expected attendance by the public; or
- 2) Hold the public meeting as both an in-person and remote public meeting; and

WHEREAS, a public meeting held solely in-person without a remote access alternative provided shall not prohibit members of the public from attending in person; and

WHEREAS, adequate notice of the remote public meeting shall also include, in addition to the Open Public Meeting Act requirements of N.J.S.A. 10:4-8, clear and concise instructions for accessing the remote public meeting, the means for making public comment and how to access any public documents on the Township's website in the manner set forth at N.J.A.C. 5:39-1.5; and

WHEREAS, at the commencement of a remote public meeting the Chair or the Chair's designee, or in his or her absence, the Secretary, shall announce publicly and shall cause to be entered into the minutes an accurate statement regarding adequate and electronic notice or an explanation of the reason or reasons such notice was not adequately provided as set forth in <u>N.J.A.C.</u> 5:39-1.5(g); and

WHEREAS, prior to the commencement of a remote public meeting, the Zoning Board shall make a copy of the agenda available to the public for download on the Township's website and shall post a copy of same at the building where the meeting would otherwise be held, including posting of same at any designated and clearly delineated handicap accessible entrance to the building, by no later than 3:00 PM on the date of the meeting; and

WHEREAS, the content of the electronic notice shall be posted on the main access door of the building where the public would routinely attend public meetings of the local public body in person and the notice must be viewable from the outside; and

WHEREAS, the electronic communications used for a remote public meeting shall have a function that allows the Zoning Board to mute the audio of all members of the public, as well as allow members of the public to mute themselves, and same shall be announced at the beginning of every remote public meeting; and

WHEREAS, pursuant to N.J.A.C. 5:39-1, if the Zoning Board holds a remote meeting to conduct public business, it shall use electronic communication technology routinely used in business settings that can be accessed by the public at no cost and with participant capacity consistent with the reasonable expectations of the Zoning Board for the type of public meeting being held, and such participant capacity shall, at minimum, not be limited to fewer than 50 public participants (not including persons required to be present to conduct business at the meeting such as the Board members, Board professionals, and all members of the Applicant's team); and

WHEREAS, remote public meetings may be held by the Zoning Board in a format as selected by the Zoning Board, by means including, but not limited to, electronic communications platforms with video and audio or live streaming via the internet and shall, additionally, provide a telephonic conference line to allow members of the public to dial in by telephone to listen and to provide public comment; and

WHEREAS, when the Zoning Board holds a remote public meeting, it shall allow members of the public to ask questions by audio or by audio and video if the meeting is being held over both; and

WHEREAS, any remote public meeting where sworn testimony is being taken shall be broadcast by video, as well as audio, and all individuals giving sworn testimony, including members of the public making comments, shall appear by video; and

WHEREAS, any presentation or documents that would otherwise be viewed by, or made available to, members of the public physically attending an in-person public meeting shall be made available on the internet website of the Township or made visible during the video broadcast of the remote public meeting; and

WHEREAS, except for quasi-judicial hearings on land development applications or similar public hearings, in addition to making public comments at any remote public meeting, the Zoning Board, in advance of the remote meeting shall allow public comments to be submitted to the Clerk by electronic mail and in written letter form by a reasonable deadline to be established and posted on the website in advance of the remote public meeting; and

WHEREAS, except for quasi-judicial hearings on land development applications or similar public hearings, public comments submitted prior to the remote public meeting through electronic or regular mail shall be read aloud and addressed during the remote public meeting in a manner audible to all meeting participants and the public; and

WHEREAS, a reasonable time limit shall be placed on the reading of individual written comments, all of which shall be read from the beginning until the established time limit is reached; and

WHEREAS, in support of, and respect for, an open, fair and informed decision-making process, the Zoning Board recognizes that civil, respectful and courteous discourse and behavior are conducive to the democratic and harmonious airing of concerns and decision making; and

WHEREAS, in an effort to preserve the intent of open government and maintain a positive environment for citizen input and Zoning Board decision making, policies and rules shall be established to promote civility and maintain decorum at in-person public meetings and remote public meetings in accordance with N.J.A.C. 5:39-1.4 (f)-(h); and

WHEREAS, if a member of the public becomes disruptive during a remote public meeting, including during any period for public comment, the Chair or the Chair's designee, or in their absence the Secretary, shall mute or continue muting, or direct appropriate staff to mute or continue muting, the disruptive member of the public and warn that continued disruption may result in the member of the public being prevented from speaking during the remote public meeting or removed from the remote public meeting; and

WHEREAS, disruptive conduct at an in-person public meeting or remote public meeting includes sustained inappropriate behaviors including, but not necessarily limited to, shouting, interruption, and use of profanity; and

WHEREAS, any member of the public who continues to act in a disruptive manner at a remote public meeting after receiving an initial warning, may be muted while other members of the public are allowed to proceed with their questions or comments; and

WHEREAS, if time permits, the disruptive individual shall be allowed to speak after all other members of the public have been given the opportunity to make comment and, if the person still remains disruptive, the individual may be muted or kept on mute for the remainder of the remote public meeting, or removed from the remote public meeting; and

NOW, THEREFORE, BE IT RESOLVED by the Zoning Board of Adjustment of the Township of Harding that the standards and procedures for emergency remote meetings, as set forth in the recitals to this resolution and as codified in <u>N.J.A.C.</u> 5:39-1 <u>et seq.</u>, are hereby confirmed, established and adopted in order to safeguard public participation in any in-person or remote public meetings in the Township of Harding and shall apply to all members of the public in attendance at any in-person public or remote public meeting in the Township of Harding; and

BE IT FURTHER RESOLVED that the Board Secretary is hereby authorized and directed to post copies of this resolution on the Harding Township web site and on the door of the Municipal Building so as to be visible to the public from the outside.

For the Resolution: Chipperson, Maselli, Symonds, Newlin, Rosenbaum, Addonizio &

Flanagan.

Against the Resolution: None.

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HARDING TOWNSHIP	1 APPEARANCES:
BOARD OF ADJUSTMENT	2
IN THE MATTER OF: : TRANSCRIPT	GREENBAUM, ROWE, SMITH & DAVIS, LLP 3 BY: STEVEN G. MLENAK, ESQUIRE
CASE: BOA# 17-18 : OF	Attorneys for the Board
New York SMSA Limited Partnership: d/b/a Verizon Wireless :REMOTE PROCEEDINGS	4
8 Millbrook Road : Block 17; Lot 1; PL Zone :	5 VOGEL, CHAIT, COLLINS & SCHNEIDER, ESQUIRES
X	BY: RICHARD SCHNEIDER, ESQUIRE 6 Attorneys for the Applicant
Thursday, November 19, 2020	7
Zoom Remote Videoconference	HEROLD LAW, PA
Commencing at 8:19 p.m.	8 BY: ROBERT F. SIMON, ESQUIRE Attorneys for the Objectors: SGSL, LLC; Harsh and
BOARD MEMBERS PRESENT: MIKE FLANAGAN, Chairman	9 Nina Bansal; Michael and Susan Koeneke;
ARIC ROSENBAUM	David and Eunice Conine; Brian and
ALF NEWLIN, RITA CHIPPERSON	10 Christina McKittrick; Livio Saganic and Christel Engel; James M. Carifa and
DAN MASELLI HUGH SYMONDS	11 Sarah G. Conine; Ted Cotton
ELIZABETH SOVOLOS	12
THOMAS ADDONIZIO MICHAEL CAMMARATA	13
ALSO PRESENT: LORI TAGLAIRINO, Board Administrator	15
PAUL D. FOX, P.E., CME M. McKINLEY MERTZ, PP, AICP	16
DR. BRUCE EISENSTEIN, Cellular Communications	17
Consultant	18
	20
	21 22
PRECISION REPORTING SERVICE	23
Certified Shorthand Reporters (908) 642-4299	24
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	CHAIRMAN FLANAGAN: Next up Board of
1 INDEX 2	2 Adjustment 17-18 Verizon.
WITNESS: PAGE	3 ADMINISTRATOR TAGLAIRINO: Gary
3 4 DIANE ENRIGHT	4 MR. HALL: I will defer to Mr. Mlenak now
By Mr. Schneider 6	5 and wish everyone a good night.
5 By Mr. Simon16	6 CHAIRMAN FLANAGAN: All right, Gary. Good
6 FRANCES BOSCHULTE40	7 night. Thank you very much.
7	8 Mr. Schneider, Mr. Simon, welcome back.
8	9 Mr. Schneider, do you want to remind us of where we
9 10 EXHIBITS	10 left off?
11 IN EVD. DESCRIPTION PAGE	11 MR. SCHNEIDER: I'll be glad to. Good
12	12 evening, Mr. Chairman, fellow members of the Board.
A-22 Proposal from Mr. Geswelli to	13 Once again for the record, Richard Schnieder of the law
13 Ms. Enright10 14 A-23 Letter from Ms. Enright to	14 firm of Vogel, Chait, Collins and Schneider on behalf
Mr. Geswelli dated 10/16/202011	15 of the Applicant Verizon Wireless.
15	16 Maybe if I can take a couple of minutes 17 just to refresh everyone's recollection as to where we
16 A-24 Letter from Ms. Enright to the New Vernon Volunteer Fire	·
17 Department dated 11/17/202012	 left off and what the game plan is for this evening. We had most recently been scheduled for a special
18	20 public meeting and as you recall Ms. Boschulte was
19 20	21 scheduled to testify, but for reasons previously
21	22 articulated she was unable to be there that evening.
22	23 So the game plan for this evening is to very, and I say
23 24	24 hopefully briefly re-call Diane Enright. She's the
25	25 Applicant's site acquisition consultant. Limited to

4:---4-

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review of that testimony. Her testimony at that point complete and we're up to Mr. Simon's cross-examination.

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Page 8

So that's hopefully the game plan for this evening.

CHAIRMAN FLANAGAN: Okay. That sounds

great then.

MR. SCHNEIDER: I should have just asked,

Mr. Chairman. Iris, I presume you're on, my Certified Shorthand Report.

THE COURT REPORTER: Yes, I am, Mr. Schnieder. I am on.

MR. SCHNEIDER: Okay. I just wanted to make sure. So Mr. Chairman, if that will be okay with you and the rest of the Board and Mr. Mlenak, I'll briefly re-call Ms. Enright.

 $\label{eq:CHAIRMAN FLANAGAN: Yes, please do. Thank you.}$

MR. SCHNEIDER: Ms. Enright, you're available and ready to go?

MS. ENRIGHT: Yes, I am.

MR. SCHNEIDER: Thank you, Diane. I'll remind you in case Mr. Mlenak won't that you're still under oath and I'll be brief.

23 DIANE ENRIGHT, having been previously sworn

24 testifies as follows:

n's 25 EXAMINATION BY MR. SCHNEIDER:

just providing an update as to where we are relative to the ongoing communications with the fire department. I expect me to ask Ms. Enright probably no more than three or four questions, and I anticipate her testimony to be very, very brief, just to update the Board where we are on that.

1.5

It is my hope and expectation that based on my testimony of Mrs. Enright, which I'm hopeful the Board will concur in my thought process, that the Board will reach a conclusion that the fire department remains an unavailable site. Assuming that the Board so concludes at this stage of the proceedings based on my ongoing communications with Mr. Mlenak, I believe that the ongoing, what I'll call housekeeping issue or an issue concerning Mr. Newlin's continued participation, goes by the wayside upon a finding by the Board that the fire department is unavailable. That's my hope and expectation, and that puts the issue behind us.

that I would hope that it would then what remains hopefully for the balance of the evening is Mr. Simon's cross-examination of Ms. Boschulte. As you recall when Ms. Boschulte previously testified she completed her redirect based on Exhibit A-21 and Dr. Eisenstein's

Assuming that the matter unfolds in the way

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A. Yes, it is.

Q. And just, because I think it is somewhat important, just in terms of timing without getting into the specific dates, those communications essentially took place in July and August of 2019; am I correct?

A. Yes.

Q. Okay. When was the next time you had any direct communications with the fire department?

A. Yes. We heard back from the fire department on September 17, 2020, where we got a revised proposal for -- from the fire department asking for a different financial amount.

Q. Okay. So just to put that — just to provide some timing and context of that, that new financial proposal was, if I'm looking at my calendar, actually either the night of or the day of — the night before or the day of the scheduled Board hearing in September; correct?

A. Correct.

Q. And that was approximately 13 months after you had last heard from the fire department; correct?

A. Yes.

Q. Okay. And for the purposes of the record that correspondence when you heard from them or e-mail on September 17th made a financial demand of \$80,000 in

Q. Ms. Enright, you last testified before the Board back in September of 2019. Do you recall the testimony that you presented that evening?

A. Yes.

Q. Okay. And without rehashing the entire substance of that testimony as it specifically related to the fire department, suffice it to say there was a series of communications between you and the fire department as to whether the fire department would accept certain financial terms as it related to the proposed sighting of a wireless communication facility at that property, do you recall that testimony; correct?

A. Correct.

Q. Okay. And very specifically at that time you introduced two letters into the record previously marked as Exhibits A-10 and A-14, and they related to an exchange of communications between you and the fire department as to the financial term, do you recall those specific communications?

A. Yes.

Q. Okay. And the sum and substance of that was that at that time the fire department had made a rental demand for a guaranteed rent of 110,000 by the third year, is that consistent with your recollection?

	Page 9		Page 10
1	guaranteed base rent by the third year; is that	1	MR. SCHNEIDER: Sure. Take your time. And
2	correct?	2	I had provided, Mr. Chairman, copies of the
3	A. That's correct.	3	correspondences to Mr. Simon in advance.
4	MR. SCHNEIDER: Okay. And for purposes of	4	CHAIRMAN FLANAGAN: Yes, I have it. I
5	the record, I'm going to go through it Mr. Chairman and	5	think the whole Board has a copy of it.
6	then maybe we can mark all the letters for purposes of	6	MR. SIMON: Hey, Rich, I'm sorry to
7	the record?	7	interrupt you. It may be cleaner, frankly, as the
8	CHAIRMAN FLANAGAN: Okay.	8	public and the Board is following along if maybe you
9	MR. SCHNEIDER: That would probably be	9	pre-mark for Identification first. Only because the
10	easier.	10	first especially the first item because it was
11	BY MR. SCHNEIDER:	11	undated.
12	Q. After that correspondence was communicated	12	MR. SCHNEIDER: That's fine. So Lori,
13	did you have any further communications with the fire	13	based on your agenda, there's a reference to a Geswelli
14	department as to the acceptability of their demand for	14	letter Enright that's undated, that's the proposal
15	\$80,000?	15	which references \$80,000. Can we mark that as A-22?
16	A. Yes, I did.	16	SECRETARY TAGLAIRINO: Okay. So wait. I'm
17	Q. Okay. And that, for purposes of the	17	making my note here. So the first, Mr. Geswelli to Ms.
18	record, was your response verbal or in writing?	18	Enright is going to be A-22?
19	A. Yes, both. October 16th we provided the	19	MR. SCHNEIDER: Correct.
20	fire department with our proposal.	20	(Exhibit A-22 was received and marked.)
21	MR. SCHNEIDER: Okay. Lori, would you	21	SECRETARY TAGLAIRINO: Okay. But we're not
22	mind, if possible, just for the benefit of the public	22	showing that one right now.
23	putting up the October 16th letter which I previously	23	MR. SCHNEIDER: That's fine. I think all
24	provided to you?	24	the Board members have that. We could if necessary,
25	SECRETARY TAGLAIRINO: Hold on one second.	25	but I don't know that it's necessary.
	Page 11		Page 12
1	Page 11 SECRETARY TAGLAIRINO: Then A-23 is going	1	Page 12 conditions that Verizon entered into a public bid
1 2	_	1 2	
	SECRETARY TAGLAIRINO: Then A-23 is going		conditions that Verizon entered into a public bid
2	SECRETARY TAGLAIRINO: Then A-23 is going to be the 10/16 letter.	2	conditions that Verizon entered into a public bid through the bidding process with the township of
2	SECRETARY TAGLAIRINO: Then A-23 is going to be the 10/16 letter. MR. SCHNEIDER: That's correct.	2	conditions that Verizon entered into a public bid through the bidding process with the township of Harding, is that a fair and accurate summary of the
2 3 4	SECRETARY TAGLAIRINO: Then A-23 is going to be the 10/16 letter. MR. SCHNEIDER: That's correct. SECRETARY TAGLAIRINO: That's what we want	2 3 4	conditions that Verizon entered into a public bid through the bidding process with the township of Harding, is that a fair and accurate summary of the October 16th correspondence?
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Page 13 Page 14 1 the summons -- all Board members have copies of this, 1 November? 2 but for the benefit of the public who may not want to 2 THE WITNESS: That will be October 28, 3 3 read it quickly on the screen, what's the sum and 2020, is when Mr. Geswelli had informed my that the 4 4 Board rejected the proposal that was provided to the substance of A-24 that being your November 17th, 2020 5 correspondence? 5 Board, the October 16th proposal, the financial terms 6 A. Yes. This letter is a confirmation that 6 and the whole proposal was rejected by the Board. 7 7 CHAIRMAN FLANAGAN: All right. So just so the Fire Department Board had rejected Verizon's 8 proposal dated October 16, 2020. And that was 8 I understand. So you sent a letter to him on the 16th 9 9 communicated to me by Jim Geswelli on 10/28/2020. of October; is that right? 10 10 THE WITNESS: Yes. Q. And the further import of that letter is 11 that since the negotiations now have, or the 11 CHAIRMAN FLANAGAN: And then on the 28th 12 communications I should say and result in negotiations 12 you had a phone call with him or saw him in person, or 13 have spanned some 18 months that Verizon Wireless felt 13 whatever? 14 14 it appropriate that given the ongoing proceedings THE WITNESS: He called me to let me know. 1.5 before the Board that they're not in a position to 15 CHAIRMAN FLANAGAN: All right. And then 16 16 engage in further negotiations, is that a fair what we're looking at is a letter memorializing that 17 statement? 17 conversation from the 28th that was sent on 18 A. Correct. It's clear that they are not 18 November 17th; is that right? 19 19 THE WITNESS: Yes. interested in the proposal. 20 CHAIRMAN FLANAGAN: Mr. Schneider, can I 20 CHAIRMAN FLANAGAN: Okay. 21 21 ask you a quick question? Ms. Enright, I think you BY MR. SCHNEIDER: 22 said Mr. Geswelli communicated something to you on 10/ 22 Q. So to put a bow on this, Ms. Enright, at 23 23 this point Verizon Wireless having engaged in what I 24 THE WITNESS: It was a phone call. 24 gather you believe is good-faith negotiations for now a 25 25 CHAIRMAN FLANAGAN: 10/28 being what period of 18 years is not prepared to continue to Page 15 Page 16 1 engage in further proceedings recognizing the fact that 1 Mr. Simon and the public. And then after that is I 2 we have an ongoing application before the Board of 2 will brief the Board on the summary of where we're at, 3 Adjustment; is that correct? 3 what the ask from the applicant is, and what their 4 A. Yes. 4 rights are. 5 MR. SCHNEIDER: Mr. Chairman, I have 5 CHAIRMAN FLANAGAN: Okay. I was getting 6 nothing further for Ms. Enright. 6 ahead of myself. Mr. Simon, do you have any questions? 7 CHAIRMAN FLANAGAN: Okay. Steve, I know 7 MR. SIMON: Yes. My apologies for 8 there's been some discussion -- Lori you can take that 8 interrupting. I just --9 screen share down, if you could. 9 CHAIRMAN FLANAGAN: Not at all. 10 MR. MLENAK: Yes. 10 EXAMINATION BY MR. SIMON: 11 CHAIRMAN FLANAGAN: Do you want to give the 11 Q. Ms. Enright, good evening. I just have a 12 Board a little bit of background on, I guess it's a 12 couple of quick questions. With regard to A-22, the 13 Resolution, it's a proposal that we're considering --13 e-mail from Mr. Geswelli with the proposal, and I'm 14 well, I guess the question that is before the Board, 14 focusing on number one saying the tower must be a 15 and if you would frame it for us is, is the firehouse 15 flagpole type with no exterior antennas visible on the 16 currently as we stand here tonight in the Board's view 16 outside similar to the pole at Green Village Firehouse 17 an available property; is that correct. 17 which is located at the other end of Village Road. And 18 MR. MLENAK: Yes, it is. 18 number two, the tower must not exceed 120 feet. 19 MR. SIMON: Yes, again, I apologize, Mr. 19 On A-23 the penultimate paragraph states, 20 Chairman, but for purposes of procedure --20 "With specific further reference to your requirements 2.1 MR. MLENAK: I'm going to let you ask 21 as to the design of the communications facility the 22 22 questions Rob. That's where I was getting. ultimate final design and authorized maximum height is 23 MR. SIMON: Thank you. 23 ultimately a determination that's within the final 24 MR. MLENAK: Before we get to any vote we 24 purview of the Harding Township Board of Adjustment." 25 need to open up the witness for questioning for both 25 Do I take that response to mean that in

response to A-22 on those two issues, namely the tower design and the height of the tower, Verizon didn't make or state a determination or a position as to either one of those items; correct?

A. Well, that paragraph basically refers to the fact that we would have to go before the Zoning Board for approval for the type of design. So ultimately we wouldn't be able to totally commit to a type of design until we got our zoning approval.

Q. And that applies to height as well?

11 A. Yes.

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MR. SIMON: I have nothing further. Thank you, Mr. Chairman.

CHAIRMAN FLANAGAN: Thank you, Mr. Simon. Do any other members of the public that are not represented by Mr. Simon have any questions for the witness?

MR. MLENAK: Or for the Board for that matter.

CHAIRMAN FLANAGAN: Or the Board. Sorry. I skipped the Board. I was rushing ahead. All right. With that, Steve, do you want to give us an overview?

MR. MLENAK: Sure. So this issue came up initially as was testified by Ms. Enright last year where the fire department started being evaluated by

1 the applicant as a potential alternative site, and the

applicant at that time raised the potential that there

3 was a conflict of interest held by Mr. Newlin. An

4 investigation of the Board was conducted at that

5 meeting where it was brought up, and since then Mr.

6 Newlin had not been present at any meetings during 7 which this application was the subject and then of

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course the Pandemic hit and we had many, many months 9 where this hearing -- this application was not

10 proceeding. And last month based on the undated letter 11 now marked as A-22 the issue was brought again by the

12 Applicant.

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We requested if the Board were to remember at the last meeting letters from both Mr. Schneider and Mr. Simon on this issue. We did receive letters from both, and as indicated by Mr. Simon and through the testimony of Ms. Enright tonight it is the Applicant's position that the fire department site is not available for this particular use. And as requested from the Board a determination at this time as we sit here tonight on November 19th that based on the facts as we have them at this point that the site is, in fact, not available. That's a finding of fact that the Board can

With that, Mr. Schneider has agreed that

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there's no need to even have a further determination of whether or not a conflict exists, if the site is not available, by Mr. Newlin and that discussion need not take place.

Mr. Simon wrote a letter as well in which he concluded on behalf of his clients that he also believes the site is not an available site. There was some discussion at the last meeting whether or not the Board can entertain such a finding of fact during the proceeding, and in fact it's my position -- it's my opinion that the Board can. Boards make routine or interim, however you want to call it, decisions throughout proceedings: Bifurcated matter, whether a variance needs to happen, credibility of witnesses, whether an expert qualifies as an expert and so on, and those findings of fact are happening in real time as of the time they are made.

If the Board wants to entertain a motion as requested by the Applicant to make that finding of fact that the firehouse is not available and move on you'd be making that again strictly with the facts that you have them now, and should additional facts come up in the future or additional letters be sent and offers made that will of course change the fact and you would be revisiting that issue, as well as revisiting

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potentially whether or not there is a conflict by

Vice-Chairman Newlin.

So with that I would turn it over to the Board to make a motion or ask any questions of me that there may be.

CHAIRMAN FLANAGAN: Okay. Steve, thank you. So it's simply a motion that we -- what are we going to do here? And I know we've had some discussion about having a Resolution or not, or simply having -what form does this take, is it simply making a motion that the firehouse is not available?

MR. MLENAK: If that's the motion that somebody on the Board wants to make it would be a motion that as of November 19th as we sit here tonight the Board's determination is that the firehouse is not an available alternate site for the proposed use.

CHAIRMAN FLANAGAN: Okay. And then obviously you've had discussions with Mr. Schneider regarding Mr. Newlin, and there is -- I imagine there's nothing in writing, but based on your discussions the Township and the Board has assurances that if this application were denied I guess that the Applicant would not raise any issues with Mr. Newlin and potential conflicts. Do we need that in writing? MR. MLENAK: Well, what would happen is

Page 21 Page 22 that at the last meeting we did ask both Mr. Schneider 1 1 Mr. Newlin? 2 and Mr. Simon whether they believed at the time there 2 MR. SIMON: Not only do I believe that 3 3 was a taint of the proceeding, to which both replied there is no taint, but I also want to take this 4 4 that they did not believe that there was. Mr. opportunity in all sincerity to commend the Board for 5 Schneider has indicated both in his letter, and if the 5 the way that they have dealt with this issue over many, 6 Board were to make the decision I would ask him again 6 many months. I think it should be commended. 7 7 tonight to confirm on the record that the Applicant CHAIRMAN FLANAGAN: Well, thank you. On 8 8 does not believe a taint has been -- or that this behalf of the Board thank you, Mr. Simon. All right. 9 9 And I'll make the motion that as of tonight, and this application has been tainted. And we can ask the same 10 10 is subject to change, right, based on new information, of Mr. Simon, although his letter suggests that he did 11 not believe there was a conflict of interest. So I 11 and Mr. Schneider I guess one of the other things that 12 we'll ask you is that you will bring to -- if there is 12 don't imagine that he would find there to be a taint. 1.3 any other further communication with the firehouse that 13 So that's how we would proceed. 14 you will bring it to us. Is that something you're 14 CHAIRMAN FLANAGAN: Okay. So Mr. Schneider 15 willing to do? 1.5 then as we've discussed and you've written, and I 16 MR. SCHNEIDER: Yes. I certainly will 16 appreciate your letters, just confirm on the record as 17 bring it to the Board's attention whether at a certain 17 Steve just suggested, would you still agree that there 18 point in time the response of the fire department 18 no taint if the Board finds that as of tonight the 19 becomes relevant for suitability, that's something for 19 firehouse is not an available site? 20 a further proceeding but, I will stipulate that if we MR. SCHNEIDER: Confirmed and stipulated, 2.0 21 have any further communications we would appropriately 21 Mr. Chairman. 22 bring it to the attention of the Board. 22 CHAIRMAN FLANAGAN: Okay. Mr. Simon, same 23 CHAIRMAN FLANAGAN: Okay. With that said, 23 question for you. Is it your view that if the Board 24 I move that as of tonight subject to change based on 2.4 finds the firehouse is not an available site that you 25 any further action of the firehouse that the firehouse 25 would raise that there was no taint, is no taint with Page 23 Page 24 1 1 SECRETARY TAGLAIRINO: Okay. I just want is not an available site for purposes of this 2 2 application. to be clear. Ms. Chipperson? 3 SECRETARY TAGLAIRINO: Second? 3 CHAIRMAN FLANAGAN: You know, I'd like to 4 4 BOARD MEMBER ADDONIZIO: Second. hear from Ms. Chipperson last, if it's possible. 5 SECRETARY TAGLAIRINO: Tom, did you just 5 BOARD MEMBER CHIPPERSON: I do have a 6 second it? 6 question, though, Mike. We're saying right now that 7 BOARD MEMBER ADDONIZIO: Yes. I'll second 7 there's no taint to date, but I think if it's allowed 8 8 that. we should have an assurance that there's no taint to 9 CHAIRMAN FLANAGAN: Do you want to do just 9 the end. I mean, what's to say that, you know, if Alf 10 a voice vote or do you want to do a roll call here? 10 were to vote against the application, I mean, there 11 MR. SCHNEIDER: I think it should be a roll 11 could be an allegation that's because if it's denied 12 12 call. that maybe the firehouse will look more attractive, I 1.3 13 CHAIRMAN FLANAGAN: Okay. don't know, but can we get a little more assurance than 14 SECRETARY TAGLAIRINO: All right, so, and 14 there's just no taint as of today? That there won't be 15 that means Mr. Newlin can vote on this? 15 an appeal based on Alf's conflict? 16 16 BOARD MEMBER NEWLIN: I'm going to abstain. CHAIRMAN FLANAGAN: Mr. Schneider? 17 I will vote, but I will abstain. 17 MR. SCHNEIDER: I'm not clear what other 18 SECRETARY TAGLAIRINO: Okay. Mr. Mlenak, 18 assurance I can give you. All I can deal with are what 19 is that the way it should go? 19 the facts are as of today based on the facts presented. 20 MR. MLENAK: Yea. Mr. Newlin has not 20 We're stipulating that Mr. Newlin -- based on the 21 21 recused himself so he will still be participating in determination that the fire department's unavailable 22 roll call, but he's indicated he will abstain. 22 Mr. Newlin has unequivocally no conflict. I don't know 23 SECRETARY TAGLAIRINO: So we'll deal with 23 how much more I can -- what more I can stipulate. I 24 our seven non-alternate members for the vote? 24 can't stipulate to the future. 25 25 MR. MLENAK: Correct. BOARD MEMBER CHIPPERSON: You're

Page 25 Page 26 stipulating that you agree he doesn't have a conflict 1 1 MR. MLENAK: There is no stipulation in 2 2 till the end of this proceeding? I'm just not really writing that will ever get somebody to not be able to 3 3 sure. file an appeal. Everybody can always file. Whether 4 4 MR. SCHNEIDER: I'm stipulating -- maybe they'd successful or not after making the stipulation 5 Mr. Mlenak -- maybe I'm not -- Steve, I don't know if 5 that Mr. Schneider did on the application is another 6 anything that you can add. I'm just -- I'm stipulating 6 story. And barring any additional facts, whether this 7 7 as of the facts of today that he has absolutely -- that concludes at the next meeting or five or ten meetings 8 from now, if there are no additional facts that are 8 he doesn't have a conflict. I don't know how much more 9 9 brought forward then the stipulation that Mr. Schneider clear I could be. 10 10 just gave should carry through the end. MR. MLENAK: I think what we can do is just 11 as the Board -- just as the motion that Mike just 11 CHAIRMAN FLANAGAN: So maybe that's the 12 12 question then for you Steve who would have to defend articulated would be a Board finding of fact as of the 13 this in an appeal. If we make this motion and if 13 facts today, and as Mr. Schneider indicated he's 14 Verizon were to be denied at the end of this whole 14 stipulating as to the facts as they are today. Those 15 15 application, and Verizon were to go and appeal it, are equal stipulations and findings. 16 based on Mr. Newlin's relationship or his wife's 16 The Board, if the motion is to be passed 17 relationship or the firehouse, are you comfortable that 17 the way it was articulated, would have the right to 18 that basis for the appeal I guess would be denied or 18 revisit with additional facts. I believe that's what 19 would not be given any weight? 19 Mr. Schneider is trying to articulate, and that seems 20 MR. MLENAK: I'm satisfied that an appeal 2.0 fair to me. Does that answer your question? 21 by the Applicant that's just stipulated that there is 21 BOARD MEMBER CHIPPERSON: I guess what I'm 22 no taint, that there is no conflict, and barring any 22 saying is, you know, could there still be an appeal if 23 additional facts would be sufficient. 23 the application is denied based on Alf having a 24 CHAIRMAN FLANAGAN: Okay. I'll take the 24 conflict based on something that happens two weeks from 25 Board's -- the Applicant's -- I'm sorry, the Board's 25 now? Page 27 Page 28 1 attorney's advice here. 1 BOARD MEMBER ADDONIZIO: Yes. 2 2 SECRETARY TAGLAIRINO: Mr. Flanagan? All right. So the motion's out there. Tom 3 has seconded it. I think what I said was that the 3 CHAIRMAN FLANAGAN: Yes. 4 4 Board finds that as of tonight, subject to change based SECRETARY TAGLAIRINO: Ms. Chipperson? 5 on more information in the future, the Board finds that 5 BOARD MEMBER CHIPPERSON: No. 6 the firehouse is not currently available as an 6 CHAIRMAN FLANAGAN: All right. So that 7 alternative site for this application. Tom, is that 7 motion passes? 8 8 MR. SCHNEIDER: Thank you. I'm glad we're what you seconded? 9 BOARD MEMBER ADDONIZIO: I second it. 9 passed that issue. 10 CHAIRMAN FLANAGAN: All right. Any other 10 CHAIRMAN FLANAGAN: Thank you, Mr. 11 questions from the Board before we -- (no response.) 11 Schneider. 12 12 BOARD MEMBER NEWLIN: And Mike, can I say? No? All right. Lori would you do a roll 13 1.3 call? I really look forward to the time where the words 14 SECRETARY TAGLAIRINO: Yes. Mr. Maselli? 14 "Newlin" and "taint" are not in the same sentence. 15 15 CHAIRMAN FLANAGAN: Everybody take Thank you. (Laughter.) 16 16 themselves off mute. MR. MLENAK: You know, I have one further 17 SECRETARY TAGLAIRINO: Mr. Maselli? 17 housekeeping on this issue and then we really will be BOARD MEMBER MASELLI: Yes. 18 18 passed it. At the last hearing the Applicant 19 19 SECRETARY TAGLAIRINO: Mr. Symonds? stipulated to attempt to bring back the Police Chief 20 BOARD MEMBER SYMONDS: Yes. 20 for questioning by Mr. Newlin if Mr. Newlin had 21 21 questions, and I just want to ask of Mr. Newlin whether SECRETARY TAGLAIRINO: Mr. Newlin? 22 BOARD MEMBER NEWLIN: Abstain. 2.2 there are such questions that we can ask the Applicant 23 SECRETARY TAGLAIRINO: Mr. Rosenbaum? 23 to see if the Police Chief would be willing to come 2.4 BOARD MEMBER ROSENBAUM: Yes. 24 back to answer. 25 25 SECRETARY TAGLAIRINO: Mr. Addonizio? BOARD MEMBER NEWLIN: Can we defer that

Page 29 Page 30 1 question? 1 started to cross-examine her on a couple of subjects 2 MR. MLENAK: If we can have that answer 2 that she had raised many, many, many months ago. So in 3 3 tonight just so we can give the Police Chief time if we terms of cross-examination I had commenced it for the 4 4 need to get him back obviously, but yes, we don't have first time, but we didn't really get very far, Steve. 5 to answer that now. 5 Just so the record's clear. I didn't want to impede 6 BOARD MEMBER NEWLIN: Okay. Thanks. 6 anyone. 7 7 MR. SCHNEIDER: Just for the record, Mr. CHAIRMAN FLANAGAN: Okay. Mr. Schneider, I 8 8 think you were saying at the beginning, as I recall, it Simon did, albeit briefly, did have some brief 9 9 is time for Mr. Simon to do his cross-examination of cross-examination of Ms. Boschulte on two prior 10 10 your RF expert; is that correct? occasions. 11 MR. SCHNEIDER: That is correct. 11 MR. MLENAK: But not with respect to A-21 12 CHAIRMAN FLANAGAN: Okay. Mr. Simon, the 12 that was testified at the last hearing. 13 13 MR. SCHNEIDER: That is correct. floor is yours. 14 14 MR. SCHNEIDER: And I'll just remind, Ms. MR. SIMON: And not even with regard to the 1.5 Boschulte is I believe present. Frances, are you on? 15 first set of propagations that were submitted either. 16 MS. BOSCHULTE: I am. 16 MR. MLENAK: Okay. The floor is yours. 17 MR. SCHNEIDER: Okay. I'll remind you that 17 MR. SIMON: Thank you, Mr. Chairman. 18 18 FRANCES BOSCHULTE, having been you are still under oath. 19 MR. MLENAK: And just for the record, Mr. 19 previously sworn, testifies as follows: 20 Simon, this is your first opportunity to cross-examine 20 EXAMINATION BY MR. SIMON: 2.1 Ms. Boschulte; right? So you are able to cross-examine 21 Q. Ms. Boschulte, good evening. Can you hear her on anything and not limited to the re-direct; is me okay? 22 22 23 that correct? 23 A. Can you hear me? 24 MR. SIMON: That is essentially correct. 24 Q. I can. Actually, can you raise your volume 2.5 Just so the record is clear, I did cross-examine her, I 25 just a tad, please? Page 31 Page 32 1 CHAIRMAN FLANAGAN: Other maybe come closer 1 matter whether they're on 700 megahertz, 800, 1900 or 2 to the mic? 2 2100 megahertz; correct? 3 THE WITNESS: Is this better? 3 A. If there's coverage in those bands the MR. SIMON: That is better. Thank you. 4 4 phones should work. 5 Q. And is it okay if I refer to you as both 5 Q. But the user's not going to know which band 6 Ms. Boschulte and Frances? 6 they're on; correct? 7 A. Yes, that's okay. 7 A. That is correct. The user won't know by 8 8 Q. Thank you. I just want to make sure. looking at their phone. They will know whether or not 9 Have you had an opportunity to review any 9 they're on the LTE or the CDMA. Sometimes it will come 10 of the transcripts of the testimony that you have 10 up as the 1X or 3G in certain areas. 11 provided to date in connection with this application? 11 Q. So when it's 1X or 3G what does that mean? 12 A. I have reviewed, yes. 12 A. It's not an LTE. It's the older 13 Q. And is there any testimony Ms. Boschulte 13 technology. 14 that you have given to date with regard to this 14 Q. So that's CDMA? Is that CDMA? 15 application that you wish to change or modify in any 15 A. It's referred to CDMA, yes. 16 16 And if they're on the LTE how will they 17 A. I don't believe so. There's probably some 17 know that? 18 things that I think we left off I was not sure of, and 18 A. Usually the icon on the phone will say LTE. 19 probably we'll circle back around, but no I'm fine with 19 Q. And that's the 4G? 20 what was stated. 20 Correct. 2.1 Q. And the cell phone for a user in Harding 21 And in a weaker coverage area such as the 2.2 Township, the cell phone can operate at any frequency 22 one that's being alleged here in Harding Township a 23 for Verizon; correct? 23 lower frequency is what traditionally most people are 24 A. If there's coverage, yes. 24 going to initially operate on when they're using their 25 Q. So for the cell phone user it doesn't 25 phones; correct?

Page 33 Page 34 1 1 A. The newer phones will try to search for the Q. Right. And if this application is approved 2 higher frequency. If none is available it will go to 2 the same situation holds? In other words, as what 3 3 the lower frequency band. happens today the user when they are using their smart 4 Q. When you say the newer phones, for most 4 phone to make a call it will start by looking for the 5 phones today what happens? 5 2100 then to the 1900 then down to seven -- 800 or 700; 6 A. Most phones today they will search for the 6 correct? 7 7 2100 megahertz first. That's correct. 8 8 Q. And why is that? Q. And Verizon has currently achieved their 9 A. Because the 2100 offers the larger 9 FCC mandated coverage in all frequency bands without 10 10 bandwidth which provides better data speeds basically. the need for this application; correct? 11 Q. And if -- what happens if a phone searches 11 A. I'm not sure what you mean. They are FCC 12 for the 2100 megahertz bandwidths and is unsuccessful 12 licenses, is that what you mean? 13 1.3 in finding those, the 2100 coverage? Q. Yeah. They're not going to lose their 14 A. Right. Well, it kind of goes down. So 14 license in any of these frequency bands if this 1.5 then there's the 1900 and then there's the 700. So if 15 application is denied; correct? 16 16 there are no high band frequencies once it searches it I think that's probably a question for Rich 17 will automatically go to the 700. 17 Schneider. I mean, I can assume -- I would say no. 18 Q. As kind of a default? 18 O. And --19 19 A. -- but I don't know if there's any legal A. Yes. You can use it as a default, yes. 20 Q. And the user, if I'm walking around in 20 stipulations or not that they have to, you know --21 downtown Harding Township by the post office and I have 21 there's never any coverage here. I don't know. 22 my phone I'm not going to know the process by which the 22 Q. What did you say that there's not any phone goes from 2100 to 1900 to 700; correct? 23 23 coverage here? 24 A. They're not going to know which frequency 24 A. If there's no coverage in Harding I don't 25 band they're on, if that's what you're asking. 25 know if there's any legal ramifications of them not Page 35 Page 36 1 being able to provide service. 1 A. There was a -- yes. There were more than 2 2 O. Well, we'll get to this in a minute, but is one occasion at the municipal, and there were occasions 3 there coverage currently in Harding? 3 where coming off of 287 utilizing my navigator -- my 4 4 navigation system I was not able to continue with the A. In some parts, yes. 5 5 mapped route. Q. In the parts that you're intending to cover 6 with this application is there any coverage? 6 Q. That was coming off of 287? 7 A. In some areas there is no coverage. 7 A. Yes. 8 8 Q. And when you say "there is no coverage," Q. And let me go back. With regard to, when 9 9 what are you, and I don't want to jump around too much you say this happened on more than one occasion at the 10 but I will ask you because you answered the question 10 municipal building, what time period or dates are we 11 this way. What do you mean that there is no coverage? 11 talking about? 12 A. Meaning that the signal strength is so weak 12 A. I wasn't making note of the dates, so the 13 that a phone or a -- I should say a smart device is not 13 times that I was using my navigation system would 14 14 able to initiate a connection. either be -- would have been at the municipal -- would 15 Q. So have you tried to initiate a connection 15 be in the evening time at night. And other times 16 yourself in the various areas of the coverage gap that 16 during the afternoon. 17 you're trying to cover here? 17 Q. So when you're talking about this spinning 18 A. Not of recent because of COVID, of course, 18 dial are you talking about you experiencing that when 19 but in the past, yes, there were areas in Harding where 19 you're leaving the municipal building after a hearing? 20 I was in my vehicle driving and I could not. There 20 A. Yes. There was times leaving the municipal 21 were times where I did try at the municipal building 21 building going on my way home trying to initiate my 22 22 and I could not get through. I got the spinning dial drive route home.

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phone?

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like it was searching.

specifically?

Q. So that was at the municipal building

Q. For your -- through your GPS system on your

A. Yes, when I connect my -- yes. Utilizing

my phone, the Google maps or the maps feature it would not come up with a route. It would just get the spinning dial. Nothing would happen until I was further already on 287.

- Q. So that's what you're referring to when you testified that you had the spinning dial on more than one occasion at the municipal building?
 - A. Yes. There were --

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- Q. Go ahead. I didn't mean to cut you off.
- A. So, yes. That's the instance utilizing my navigation system. Other instances was calling my husband to let him know I'm on my way home where I did make a connection but there was no audio.
 - Q. And where was that call made from?
- A. Also leaving the municipal -- between that and -- my normal route would be Blue Mill Road and then turning onto James Street.
- Q. So would you regularly try to do this and not be able to make a call through to let's say your husband at the conclusion of the hearing?
- A. Yes. I normally start my navigation system and try to call my husband when I leave.
- Q. And that's on the municipal property; 24 correct?
 - A. That is correct.

Q. And with regard to what you just testified to as your inability to get a call through to your husband, or to access your navigation system on your phone, did you actually take any measurements or put your phone in test mode to assess what kind of signal you were getting?

A. So the iPhone I have I am not able to put that into test mode, so I understand -- I know peers have the Samsung which does allow you to you get those features, but I did search for that feature. I was not able to get it on my iPhone to unlock that.

Q. And with regard -- so other than -- and I'm going to get to the drive test and the drive test data, but other than the recordings of the service on I think it was February 14th of 2020, have you, Frances, provided the Board with any other documentation demonstrating data as to attempts to, you know, utilize or achieve a signal within the gap area?

A. So for the record, even though my personal experience of having difficulties I don't necessarily make it my conclusion on whether or not an area has service. There could be potentially something wrong with my phone or it could be, you know, the variations between devices. So the drive test was conducted utilizing the scan device, and that's a calibrated

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unit. And we utilize the signal strength level that -- a reasonable accepted level to determine whether or not reasonable service can be provided, not just to -- for voice but for data as well on a multitude of smart devices.

Q. Okay. So other than that February 14th reading you haven't provided the Board with any other test data whether it's drive test or any test that you may have performed; correct?

A. That's correct.

- Q. Other than the February 14th drive test data that you provided, have you seen -- well, let me back up. Have you performed any other drive test at any other time within any section of the gap area in question?
- A. I have not performed any other drive test other than the date that it was last conducted.
- Q. And I understand, Frances, from doing this more than once or twice or three times that the carriers routinely, what I'm told, is drive test areas at least once a year if not twice a year, and that in fact the carriers share the drive test data based on those tests. Are you aware of any drive test other than the February 14th, 2020, drive test that was performed in any portion of this gap area, whether or

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not you performed it, someone from your company performed it, or even if Verizon performed it?

A. So I am not aware, but I know in the past of what you're referring to where carriers would conduct a drive test of their network on an annual basis, and over the last couple of years I've noticed, I don't know if you've noticed, but that's decreased over the last number of years. But I am not aware that Verizon has conducted any such test in Harding since February, the one that I conducted.

Q. Well, I'm not so curious, and I understand of course because of COVID and the state of emergency why a drive test has not been conducted subsequent to February 14th of 2020. What I was curious about was a drive test that may have been conducted by Verizon or AT&T, T-Mobile, Sprint, anywhere within the gap area in question at any time even prior to February 14th, 2020, even at the times as you stated when they were doing more of that?

MR. SCHNEIDER: Objection as to the question as to other carriers. I don't know how Ms. Boschulte would know what tests were performed by the other carriers.

MR. SIMON: Well, I asked her, that's why I tried, Rich, to lay the foundation, that my

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A. Yeah.

rural versus a percentage that's suburban?

- A. Basically in the propagation data and in the models there are chosen, they are chosen for areas that are kind of in between rural and suburban where you would utilize a different propagation model in a more dense suburban area.
- Q. So this is a -- who chose rural suburban, did you?
- A. Yes. That's the way I describe the topography of the area.

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- Q. Is there a definition of that that you use to make that decision as to rural versus suburban versus rural suburban?
- A. Yeah. Rural would be where you have homes very far spaced apart. In some sections of Harding you do have that, in other seconds of Harding you see certain clusters and density of residential homes. So it's a mix.
- Q. That's how you came up with rural/suburban for this particular gap area?
 - A. Yes, that's how I --
 - Q. And with regard to the 800/700 that's on
- A-3. Throughout your report, and I'm referring,
- Frances, to your August 28th, 2018, report, you
- referred to the coverage as not 800/700, but 850/700.
- 25 Is there a reason why the report repeatedly states

850/700 megahertz for the gap analysis, and on the propagation it says 800/700?

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- 3 A. It should have been 850 on the actual 4 legend for better clarification.
 - Q. So A-3 so the record is clear, what that legend should be under existing Verizon Wireless is it should be 850/700?
 - A. Yes.

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- Q. But that the propagation that we're actually seeing is 700?
 - That's correct.
 - Q. Thank you. In an area -- when you have a phone and you talked earlier about starting at 2100 then 1900 and going down to I guess 850 and 700, right? And that happens just instantaneously, it's not two minutes at one and two minutes at the other, it's right away; correct?
 - A. Yes.
 - Q. If you end up, and I apologize and I'm going to apologize throughout my questioning if I, you know, garble some terms or I'm speaking out of pure ignorance, but once you transfer from 2100 in a weaker area, because there's no higher frequency down to 700 you're not going to be transferring from 700 back up, right, to 2100; correct?

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- A. I would think if you start approaching an area where you come into an area of good 2100 signal strength that the phone would put you back on 2100.
 - Q. What are you basing that on?
 - A. That I'm not sure.
- Q. Have you seen any data in the work that you perform that leads you to conclude that once the phone is operating on a lower frequency like 700 that it will subsequently transfer back up, my term being up, to 2100?
- 11 A. No, I have not, I just said, but I don't 12 know.
 - Q. You don't know either way, right; correct?
 - A. I know -- I've never -- from all the technical documents that I've read on how the phone operates it does search for the high frequency band first.
 - Q. But you haven't read anything that once it ends up on a lower frequency, whether it --
 - A. Whether it goes back I said I don't know.
 - Q. Okay. If this application is approved, and let's say it's approved at the DPW site, but only at the lower frequencies, 700, 850, there would be adequate coverage in the purported gap area; correct?
 - A. Sorry. Mr. Simon, are you saying that at

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- the 700/850 frequency that there's no gap.
- Q. I'm saying if -- what you are apply -- when
 I say you I apologize. What Verizon is applying for
- with this application, if the Board hypothetically were
- 5 to say we're going to grant your application at the
- 6 lower frequencies based on your desired signal strength
- of a negative 95 dBm RSRP, but we are going to deny the
- 8 Applicant's application for the higher frequencies, the
- 9 2100, 1900 LTE coverage, if that's the result of the
- application, the determination of the Board, there
 - would be adequate coverage in the purported gap area;
 - correct?
 - A. The phone -- the devices will still work, yes.
 - Q. And this is not, I believe as Mr. Schneider appropriately stated, I think I did question you briefly I think on two separate dates, and I do believe not to repeat myself in one of those I recall that you acknowledge that this is not a capacity case; correct?
 - A. Correct. This is coverage.
 - Q. And in this area, namely Harding Township, within this gap area, the 700/850 bandwidth will have enough spectrum to accommodate Verizon's customers that require service; correct?
 - A. I don't know that.

Page 49 Page 50 1 1 Q. Okay. You don't know that either way; MR. SCHNEIDER: The last page of A-3. 2 2 right? MR. SIMON: Rich, is this all A-3? 3 3 A. I don't know whether or not if this site MR. SCHNEIDER: I believe so. 4 4 MR. SIMON: Because I have -- can I just was approved and people realized that there is good 5 service, whether or not the 700 which is a smaller 5 take a time out for a second just so the record's 6 bandwidth and the 850 which is even smaller bandwidth 6 clear? And, Rich, I may be off on this, but the 7 7 will be sufficient to support the users that would be exhibit that I have and the reason why I referenced 8 8 on it. what's on the screen right now is A-3 is that I believe 9 Q. You don't know either way; right? 9 that this, this existing 800/700 was A-3, and then the 10 10 A. I just said, I don't know. 2100/1900 was A-4, the 800/700 existing proposed was 11 And with regard to your reports, certainly 11 A-5, et cetera et cetera. So Rich, do you want to take 12 in the first record report, I believe that you 12 a second to confirm that just so we're not messing that 13 13 identified sites in the surrounding area; correct? up? 14 A. Sites meaning alternate --14 DR. EISENSTEIN: I think you're correct, 15 Q. Sites -- and Frances, I'm sorry. It states 15 Rob. That's what I have in my notes. 16 16 MR. SIMON: Hey Bruce, if that's the case and this is on the last page of your August 28th, 2018, 17 report, it says existing wireless communications 17 then, do you recall if the Applicant marked the 18 facilities in Harding Township New Jersey and within 18 August 28th, 2018, report? 19 19 DR. EISENSTEIN: According to my notes A-3 one mile of the border. Do you recall that being on 20 the last page? 20 refers to the graph that's marked as Exhibit-A. A-4 is 21 21 marked as Exhibit-B within that August 28th report. I'm going back to see. 22 Q. Yes. Why don't we -- Lori, can you assist 22 And let me see what else we have. We have A-5 is 23 Ms. Boschulte? 23 Exhibit-C. A-6 is Exhibit-D. And --24 SECRETARY TAGLAIRINO: I'm sorry, what do 24 MR. SCHNEIDER: A-7 was a topographical 25 you want? 25 map. Page 51 Page 52 DR. EISENSTEIN: Correct. That's what I 1 MR. SCHNEIDER: That is correct. 1 2 2 MR. SIMON: And it doesn't have -- if you have. 3 MR. SCHNEIDER: So Rob, you are correct 3 remember it doesn't have page numbers on it. So I 4 4 that the report itself because it was submitted with guess, it's your call, but I just wanted to point that 5 5 the application was not specifically marked into out to you in case you want to change things up in 6 evidence. There were four exhibits as Dr. Eisenstein 6 terms of notation, but I'm fine however you decide. 7 just mentioned, A-3, 4, 5 and 6. 7 MR. SCHNEIDER: Okay. Frances, do you have 8 8 your original August 20 -- I'm sorry, your original MR. SIMON: So Rich, then I'm going to 9 9 August 28th report? leave it up to you. If I ask Frances some questions 10 10 about the last page of the August 28th, 2018, report THE WITNESS: Yes. 11 MR. SCHNEIDER: Okay. 11 how do you want me -- just so your record is clear, how 12 THE WITNESS: But I doesn't see where he's do you want me to refer to it? 12 13 MR. SCHNEIDER: Why don't you refer to it 13 referencing. 14 14 MR. SCHNEIDER: I believe the last page of as the last page of the August 28th, 2018, report 15 15 prepared by PierCon and submitted in conjunction with the report was the, so to speak, the inventory of 16 the application. 16 existing sites. 17 MR. SIMON: Okay. All right. 17 MR. SIMON: Lori, are you able to pull that 18 SECRETARY TAGLAIRINO: So how do I know 18 up or no? 19 which one that is? 19 SECRETARY TAGLAIRINO: I can pull them up, 20 MR. SIMON: Hey Rich, before you go on, I 20 but I don't know what the last page is. I have them 21 marked as A-4, A --21 think, and I was having difficulty with regard to --22 22 MR. SIMON: Oh, yes. No, it's not going to I'm sorry, so A-21, Rich, was the supplemental report? 23 MR. SCHNEIDER: That's correct. 23 work, because as Rich stated we're going to refer to 24 MR. SIMON: And that was the entirety of 24 this as the last page of the August 28th, 2018, report 25 25 the report? which is part of the application packet. So Rich is

	Page 53		Page 54
1	certainly correct about that, I just wanted to make	1	MR. SIMON: Mr. Chairman, oh, we've got
2	sure that things were accurate and clear in terms of	2	this.
3	referencing.	3	MR. SCHNEIDER: Just go to the scroll to
4	SECRETARY TAGLAIRINO: The last one I have	4	the last page of that report, hopefully, Lori.
5	would be, it says Harding-3 and it's 2100/1900 LTE	5	SECRETARY TAGLAIRINO: That's references.
6	rural coverage.	6	DR. EISENSTEIN: Go further. You're on
7	MR. SIMON: Dr. Eisenstein was absolutely	7	page 15 now. There's 16 pages of the report.
8	correct in terms of the identification of the exhibits.	8	MR. SCHNEIDER: No. I think you know
9	DR. EISENSTEIN: If you go to the	9	what, Bruce? I think that's the EMF report.
10	August 28th report which is not marked as an exhibit,	10	MR. SIMON: Mr. Chairman?
11	it is the report dated August 28, 2018, ID Harding-3.	11	CHAIRMAN FLANAGAN: Yes, Mr. Simon.
12	And that should be in the form of a PDF document, I	12	MR. SIMON: Can we take maybe a five minute
13	guess. Scroll down that document to the last page of	13	break just to give Iris a break and then we can figure
14	the document. Since the pages aren't numbered we have	14	this out? Might be a good time.
15	no way of referring to them. So you just the last	15	CHAIRMAN FLANAGAN: That sounds good. It's
16	page means the last page. I'm able to pull it up here	16	9:30 exactly, so at 9:35 we'll pick it back up.
17	in paper.	17	MR. SIMON: Thank you. Appreciate that.
18	SECRETARY TAGLAIRINO: Oh, you have it on	18	CHAIRMAN FLANAGAN: Do you have to keep
19	paper. You don't have it well, I have let me	19	this recording, or can you pause recording and then
20	just see what this is here. I have the whole PierCon	20	start it again?
21	report. Is it going to be within the body of that?	21	MR. SCHNEIDER: I think you can pause the
22	MR. SCHNEIDER: Correct.	22	recording, but I can help Lori and try to figure out
23	MR. SIMON: Absolutely. The 2018 report.	23	what she's looking for.
24	SECRETARY TAGLAIRINO: All right. Hold on	24	SECRETARY TAGLAIRINO: Actual recording is
25	one second here.	25	paused. So this is what we're going to do. This is my
	Page 55		Page 56
1	list of I'm going to open my list of things that I	1	SECRETARY TAGLAIRINO: Thank you. Mr.
2	have and we'll try to identify can you see that?	2	Rosenbaum?
3	MR. SCHNEIDER: I can.	3	BOARD MEMBER ROSENBAUM: I'm here.
4	SECRETARY TAGLAIRINO: I have an EMF report	4	SECRETARY TAGLAIRINO: Thank you. Mr.
5		5	Addonizio?
6	MR. MLENAK: Lori, just to be clear, while	6	BOARD MEMBER ADDONIZIO: Here.
7	you're working this out the rest of the Board is on a	7	SECRETARY TAGLAIRINO: Mr. Flanagan?
8	break, right? Because we're not recording. We're just	8	CHAIRMAN FLANAGAN: Here.
9	trying to figure out the exhibits, that's all.	9	SECRETARY TAGLAIRINO: Ms. Sovolos?
10	CHAIRMAN FLANAGAN: That's right. We'll	10	BOARD MEMBER SOVOLOS: Here.
11	pick it back up again how about at 9:36.	11	SECRETARY TAGLAIRINO: Mr. Cammarata?
12	(Whereupon, a brief recess is taken at	12	BOARD MEMBER CAMMARATA: Here.
13	9:31 p.m.)	13	SECRETARY TAGLAIRINO: And Mr. Maselli?
14	(Back on the record at 9:39 p.m.)	14	Okay. So we're missing one. I see Mr. Simon. We have
15	SECRETARY TAGLAIRINO: Okay. We're back on	15	Dr. Eisenstein. We have MR. Schneider. We have Mr.
16	recording. We're going to take a roll call again to	16	Mlenak. Mr. Fox is here. Ms. Mertz. Just waiting for
17	make sure everybody is back.	17	Mr. Maselli. Dan Maselli? (No reply.) I don't know.
18	Okay. Ms. Chipperson?	18	What do we do, Mike? Steve?
19	BOARD MEMBER CHIPPERSON: Here.	19	CHAIRMAN FLANAGAN: We give Dan a watch.
20	SECRETARY TAGLAIRINO: Mr. Maselli? Not	20	MR. MLENAK: We gave till 36. It's only
21	back yet. We'll come back to him. Mr. Symonds?	21	38. I say give it another minute or so. I See
22	There's Mr. Symonds.	22	movement.
23	BOARD MEMBER SYMONDS: Yes.	23	SECRETARY TAGLAIRINO: Okay. Roll cal.
24	SECRETARY TAGLAIRINO: Mr. Newlin?	24	Dan?
25	BOARD MEMBER NEWLIN: I'm here.	25	BOARD MEMBER MASELLI: Yes.

Page 61 Page 62 1 the drive test for. 1 O. And that's what the Chief testified to, 2 Q. So other than the ones when you say you did 2 correct, Frances? 3 3 A. Yes. the drive test for, you mean the ones that you did the 4 4 drive test for on February 14th, 2020? Q. And have you -- since the Chief provided 5 A. Correct. Some of these are further away 5 testimony have you had any communications with the 6 from the drive test route, so, no I did not validate 6 Chief or any member of the -- of Tewksbury Township 7 7 whether or not those were still on air. regarding that in-building coverage? 8 8 MR. SCHNEIDER: Tewksbury or Harding? Q. And have you done -- since August 24th, 9 2018, have you done any investigation to determine 9 Q. I'm sorry. Funny. Harding. My mistake. 10 10 whether there are additional sites that are either on A. I have not spoken with the Chief. I did 11 air, proposed or contemplated by Verizon in Harding 11 inquire with Verizon whether or not the equipment that 12 Township or within one mile of Harding Township? 12 was put inside the building, whether or not that was a 13 Not within one mile of Harding Township. I 13 temporary or permanent. 14 have had correspondence with them and I have looked in 14 Q. And what did you learn? 15 the database to see whether or not anything has changed 15 A. I learned that as long as it is needed they will keep the equipment there. That depending on the 16 near the gap, such as the in-building solution that's 16 17 at the municipality now. I have had conversations with 17 outcome of the macro facility will dictate what they 18 him regarding since the outage. 18 plan to do with the equipment down the road. 19 19 Q. All right. Well, since you raised it. Q. Meaning, what is your understanding as to 20 What do you mean conversations with them since the 20 that statement? 21 21 A. That if the macro facility is approved then outage? 22 A. Well, at the last hearing when they lost 22 the in-building solution is not -- is no longer needed. 23 power, that temporary, what they call a spot with a 23 Q. And if the macro application is denied what 24 Picocell on it, a trailer was put up, including a 24 will they do, do you know? 25 25 solution -- in-building solution inside. I don't know. Right now it's still listed Page 63 Page 64 1 that you're testifying to? 1 as temporary they said in there -- on their end, and 2 2 A. I said I would think that if they wanted to that's as far as I went with the conversation. So they 3 do believe that the macro is approved. That the 3 pursue the DPW that they would have run some type of an 4 4 analysis. building will have good in-building service. 5 5 Q. And now when you say they believe, what Q. Have you ever seen an analysis that Verizon 6 leads you to make that statement, Ms. Boschulte? 6 has run --7 7 A. So they have done their own analysis, A. No. 8 8 Q. -- for the DPW? propagation analysis. I have also provided that with 9 9 A. But they have access to propagation tools the drive test data. 10 Q. When you say "they have done their own 10 just as I have access to propagation tools. So, no, I 11 independent analysis," first of all, who is they? 11 haven't seen anything that they've done, but I have 12 A. Oh, excuse me. Verizon has looked at the 12 done my propagation analysis and I have done my drive 13 proposed site, at the proposed height they have. They 13 14 14 ran their own as RF engineers would run their own Q. So again, when you say that Verizon has 15 15 done their own a couple of lines ago, do you -- are you analysis. 16 Q. So Verizon, are you saying they -- and I 16 saying that Verizon has done their own analysis for 17 apologize if I'm not understanding this. So Verizon 17 what, for the municipal building? 18 18 And I apologize, Frances. I'm just trying has conducted their own drive test or propagation? 19 A. No. Verizon's RF runs a propagation on 19 to understand your testimony. 20 20 A. The conversation that I had with Verizon sites that they would like to pursue. 21 21 was that if this site was approved they feel that the Q. Such as the DPW? 22 22 municipal building will be covered by the macro. A. I would think that if they were evaluating 23 23 Q. And you share that conclusion; right? that candidate that they had done some sort of 24 analysis. 24 A. Yes. I do share that conclusion based on

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my drive test data. Yes.

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Q. Do you know what analysis Verizon has done

Page 65 Page 66 Q. And if the application at the DPW is denied 1 1 the monopole? 2 you don't know to what extent the current in-building 2 A. No. 3 3 coverage in the municipal building will continue; Q. From your investigation, either personal 4 correct? 4 investigation or the investigation of the data, do you 5 A. Correct. I have no knowledge of what 5 know whether Verizon's centerline location of antennas 6 they'll decide. 6 is at the lowest portion of the monopole for antennas? 7 7 Q. Going back to the chart on the last page of A. No. I only know -- I mean, in some cases I 8 your October -- I'm sorry, your August 28th, 2018, 8 took notes whether or not, you know, other carriers are 9 radio frequency report, when it talks about the heights 9 there, but there's no -- it's difficult with monopoles 10 10 -- is that the total height of the monopole, or the top to be able to follow the cable lines and determine 11 of the rooftop, or is that just where Verizon's 11 who's who at the very top visually. 12 antennas are? 12 Q. And you didn't review any data to find that 13 13 A. That is the antenna centerline according to out; correct? 14 their database. 14 A. I didn't review other carrier's height 15 Q. Whose antennas centerline? 15 information, no, to determine who's on top, who's in 16 the middle, and who's on the bottom. No. 16 Verizon's antenna centerline. 17 17 Q. So from this chart on the last page of your Q. And with regard to frequencies, do you know 18 radio frequency report from 2018, we don't know the 18 whether those existing sites that you identify all use 19 total height of the monopoles that are referenced; 19 the higher frequency bands? 20 correct? 20 A. That was a long time ago. I don't have 21 A. Correct. The height that is on the chart 21 that written down in front of me. 22 is of Verizon's antenna centerline and it is not the 22 Q. Do you recall -- and I don't want you to 23 height of the structure. 23 guess. Do you recall whether you've provided any of 24 Q. Of the structures that are referenced do 24 that information to the Board to date in terms of what 25 you know how many of them have Verizon at the top of 25 frequencies the antennas are operating on? Page 67 Page 68 1 up when they were doing the merge with MetroPCS. So I 1 A. On that list, no. I have not broken it 2 2 down by bands, frequency bands. No. did a lot of evaluations where their sites were 3 Q. And do you know -- you mentioned some 3 located, where Metro's sites were located and things of 4 4 that nature. So we have build -- in addition to notes. Do you know whether there are carriers other 5 5 than Verizon who are operating on any of those working with T-Mobile a database that has certain 6 monopoles, rooftops, towers, or tanks? 6 information over the years in our office. 7 A. Yes, I do have -- I have some notes that --7 Q. Okay. So this is your PierCon internal 8 8 office information? Harding has the monopole that's in the parking lot. 9 9 A. Yes. T-Mobile exists on that. The Harding 2, that's a tree 10 pole, T-Mobile's also on that. The Morristown Relo, 10 Q. And none of that's been provided to the 11 11 T-Mobile also exists on that. Board; correct? 12 Q. I'm sorry I'm interrupting, but I just want 12 A. No. 13 to cut to the chase. How do you know that those other 13 Q. And with regard to AT&T, do you know 14 14 whether AT&T is on any of these structures? carriers are operating on those poles? 15 A. Well, I know because in conversation and 15 A. I didn't investigate it, no. I didn't 16 having done work with T-Mobile. 16 investigate for sure. I do know that there are more 17 Q. So that's just from your experience working 17 than one carrier on several of these structures, but I 18 with T-Mobile? 18 can't say whether or not they're Sprint or AT&T at this 19 A. Yes. 19 time. 20 Q. And what's your experience working in 20 Q. Or T-Mobile; right? 21 21 Harding Township and within one mile of Harding Right. 22 Township on behalf of T-Mobile? 22 Q. With regard to these structures have you 23 23 done any investigation as to whether any of these A. I did -- well, not in Harding but around

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Harding I do other zoning work for T-Mobile. I've done

T-Mobile work in the past as far as long ago bringing

structures identified could be raised in height?

A. No. The thought has crossed my mind, but I

Page 69 Page 70 1 did not investigate to determine whether or not any of 1 Morristown Relos it's a cluster-mount type or whether 2 these structures could be extended, no. 2 or not it's a tree, or you know, a flagpole, things of 3 3 Q. So you don't know the full height of any of that nature. I was not looking to see what else or 4 4 these monopoles or any of the other structures in the existing structures were on the property. 5 appendix; correct? 5 Q. So you couldn't tell me, you know, what the 6 A. I do not know the top height of the 6 frequency is of that people visiting those particular 7 7 structures. sites, for the principal use, let's say, other than the 8 8 Q. And do you know, Ms. Boschulte, the cell tower, if there is one? 9 topographical elevation of these sites? 9 A. No. No. It was a very long time ago. I 10 10 A. I had that written down, but I don't have wouldn't make note of that. 11 that up in front of me. I'd have to look for that. 11 Q. And with regards to getting back to the 12 12 Q. And do you know what -- you know, I guess design, you started mentioning the, you know, the 13 you started to mention it, what these sites consist of 13 different type of designs. So you have five I'm 14 beyond street address, namely what's the principal use 14 counting monopoles, right. And with regard to those 15 or uses on those sites? 15 five monopoles could you identify the type of design 16 A. You mean the frequency bands or --16 for each one of those? 17 17 Q. No, no. I mean, you know, what's there. A. Well, like I was mentioning before, the 18 18 So for example, you know, it says -- I'm going to give Harding is a monopole. 19 19 you just one. Morristown 3 Relo. And it says I287 Q. When you say a monopole can you just be a 20 Exit 34. What is on that property besides the cell 20 little bit more specific? I mean, does it look like a 21 21 stealth tree? You know, what is it? tower? 22 22 A. No. Harding 2 is a tree type with a A. In my evaluation in driving to these sites 23 I didn't take -- I was looking at it more type --23 fiberglass things on it. You know, Chatham 2 is a 24 looking at it more from a perspective of structure. I 24 flagpole but I have here in my notes that I didn't see 25 have notes like the type of mount. I have for the 25 a flag on it at the time. Bernardsville I have as a Page 71 Page 72 1 rooftop kind of a stealth enclosed design. 1 roof? 2 2 Q. When you say a rooftop is a self-enclosed A. Yes, that's correct. That would be the 3 3 4 4 Q. And then, so you identified Harding 2 and A. When I was looking at it I could not 5 5 physically see the antennas. It gave me the indication Chatham 2 in terms of the monopole design. What about 6 that it was enclosed. It was inside. 6 Harding and Morristown 3? 7 Q. Inside the building? 7 A. Well, let's see here. Harding is just a 8 8 A. Yes. monopole. When I say that I mean like a regular 9 9 standard steel monopole. Nothing -- the Basking Ridge Q. So that -- and you're talking there about 10 Bernardsville 2; right? 10 North --MR. SCHNEIDER: I can help move the process 11 A. Yes. 11 12 Q. And so just sticking with Bernardsville 2 12 along. Basking Ridge North is the Verizon Headquarters 13 13 for a second at 50 feet, and it says a rooftop, does rooftop installation. 14 14 The Morristown 3 Relo is the same site that that mean that there's antennas from your investigation 15 that are inside the building that for lack of a better 15 Mr. Fox referred to at the initial public hearing. 16 phrase radiate out so they provide some coverage to the 16 That's on DOT property right next to 260 James Street 17 outside? 17 right at the intersection. That's a monopole of 18 18 cluster mount antennas that Mr. Fox commented on the A. What I mean is, to try to explain kind of 19 going back to, you know when -- okay. That it would be 19 beautiful aesthetics as to that. 20 enclosed in some type of RF friendly to look like a 20 The Chatham 2 is a flagpole design without 21 part of a structure on the roof. 21 a flagpole occupied by Verizon and T-Mobile.

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Q. So it's on the roof but it's camouflaged in

shouldn't know that there were antennas on top of that

a manner that if I looked up no one would -- if I

looked up I wouldn't know that they were -- or I

The Convent Station is the Madison Hotel

The Madison Route 24 West, I believe -- I

which is a rooftop facility.

don't know, I believe that's a water tank.

Page 73 Page 74 THE WITNESS: That's correct. 1 a drive test. 2 MR. SCHNEIDER: And I believe the 2 Q. And other than -- just so the record's 3 3 Morristown 2 Relo, you'll correct me if I'm wrong, clear, other than what's in the August 24th, 2018, 4 might be the monopole at the DelBarton School. 4 table at the back for the existing wireless 5 Hopefully that helps move things along. 5 communication facilities in Harding Township, you're 6 MR. SIMON: Thank you, Mr. Schneider. 6 not aware of any proposed potential or new sites for 7 7 MR. SCHNEIDER: You're welcome. Verizon or any other carrier that's not reflected in 8 8 BY MR. SIMON: the appendix; correct? 9 Q. My recollection, Ms. Boschulte, regarding 9 A. Say that one more time? I'm sorry. 10 Morris Township 2 Relo at 230 Mendham Road that that is 10 Q. Sure. That's okay. Other than what is 11 a tree design? 11 reflected in this August 24th, 2018 table, is it 12 A. That's what I have in my notes as well. 12 correct to state that you are not aware of any 13 1.3 Q. And with regard to -- you said you didn't proposed, potential or new sites for Verizon or any 14 recall the particular permitted use or main use of some 14 other carrier? 15 of these facilities, and what they are or -- let me ask 15 A. Well, this table is for existing, so -- I 16 you a question. Do you have any information from your 16 am not aware of any other existing wireless 17 observations with regard to the DPW yard, as to its 17 communication for Verizon other than the one that we 18 18 spoke about that has been deployed inside the municipal use? 19 A. Well, having been inside the DPW yard I see 19 building. 20 there are piles of salt, I saw trucks going in and out, 20 Q. Other than existing, are you aware of any 2.1 but, I mean, other than that they're a full operation. 21 proposed, potential, or contemplated new sites for 22 No, I don't -- I didn't speak with anyone there to 22 Verizon or any other carrier? 23 inquire about how -- you know, the people that are 23 A. Okay. So I cannot speak for any other 24 there or anything of that nature. I was there to 24 carrier. I have not spoken to other carriers in 25 conduct a drive test. I was more focused on conducting 25 regards to Harding Township and their plans. But in Page 75 Page 76 speaking with Verizon they do have a conceptual plan 1 1 ask you again, not that you were being non-responsive 2 2 to, I should say, to compliment or to work with if the but I know you were looking, do you recall the last 3 macro facility is approved to put in some ODAS nodes 3 time that you saw this conceptual plan to compliment or 4 along the major roads to kind of try to fill in the 4 work with the proposed macro facility? 5 5 remaining gaps in coverage along those routes. A. I have it -- that's only the -- it was 6 Q. So with regard to that concept plan, have 6 earlier this year. I want to say end of, end of 7 you actually seen the concept plan? 7 February or the beginning of March. But I have to find 8 8 A. Yes. the exact e-mail which I haven't found. I can only go 9 9 Q. When was the last time that you saw the by when I saved it. 10 concept plan? 10 Q. So at the time -- when you say February/March, are we talking February/March 2020? 11 A. So they don't have the exact date --11 12 MR. SIMON: Lori, can you put up A-3, 12 That's correct. 13 13 Q. And when you performed the drive test on please? 14 14 SECRETARY TAGLAIRINO: The other one? February 14th, 2020, were you aware of this conceptual 15 MR. SIMON: Yes, A -- I'm sorry, why don't 15 plan? 16 you put up A-5, please. 16 A. Up until -- at that time I had not seen 17 BY MR. SIMON: 17 that -- the plan. 18 18 Q. So Ms. Boschulte, what is up on the screen Q. Were you aware at that time that one was 19 19 right now is what has been previously marked as A-5, contemplated? 20 which has a title block of existing and proposed 20 A. Yes. There was talks about it, but they Verizon Wireless 800/700 LTE rural suburban coverage; 21 21 had not finalized anything with me yet. 22 22 do you see that? Q. So is it your testimony that subsequent to 23 23 February 14th of 2020 they did finalize things with you A. Yes. 2.4 Q. And with regard to this concept plan that 24 in terms of a conceptual design for an ODAS system to 25 -- conceptual, excuse me, conceptual plan, I'm going to 25 compliment this macro site?

A. Yes. It's a conceptual design of what they're thinking about. As far as I know that nothing has actually been -- as far as I know nothing has been formalized. It's what -- based on the footprint of the macro it's being designed to compliment that coverage footprint. But it's conceptual because they have no idea how this application's going to turn out.

- Q. Well, if this application turns out well for Verizon by way of an approval, then they do know how it's going to turn out; isn't that accurate?
 - A. Yes.

2.4

- Q. So if that's the case is this conceptual design based on the presumption -- that you've seen based on the presumption that the application's going to be approved?
- $\label{eq:A.Yes. I will say that it's based on that assumption.} A. Yes. I will say that it's based on that$
- Q. And have you provided that conceptual plan to compliment this site, this macro site to the Board?
- A. No, I have not. I would think that Verizon would do that. I have no indication at this time to -- I haven't the evaluated it to submit it.
- Q. So you haven't -- right. That was my next question, Frances. So you haven't done any drive test or propagation of this conceptual plan for an ODAS or

outdoor distributed antenna system; correct?

- Correct.
- Q. And based on what you know now by way of conceptual plan, how does this ODAS conceptual plan in reference to A-5 which is on the screen, also Exhibit-C of your propagation report from 2018, how does it compliment this site?

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- A. Well, as I mentioned I did not fully evaluate it, but where their conceptual design, where they have located them are in the areas that are depicted in white on the map, along the major roads like Glen Alpin, Pleasantville Road, across the other side of 287, which is Tempe Wick.
 - Q. Tempe Wick?
- A. Tempe Wick. And their conceptual shows a cluster that's on the east side of James Street. So that open area that you see kind of to the northeast.
- Q. So if you're looking at this A-5 it's to the northeast as well?
 - A. There's a -- yeah. There are some nodes, like I said, east of James Street.
- Q. And when you say these nodes, can you please describe them, are they on telephone poles? What are they?
 - A. I don't have enough information. What I

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have is a map with some push pins. So I haven't verified what's actually there.

Q. Well, what typically based on your experience as a radio frequency expert, what do those push pins typically represent?

A. Well, I mean, in the ODAS network they typically represent either an existing utility pole where, you know, they would place an ODAS solution, or it represents placing a new wood pole in that location.

Q. And as we sit here this evening, do you know to what extent they can utilize existing poles versus placing new poles within the right-of-ways for this conceptual plan for an ODAS system?

A. I can only speak of what I know having worked on ODAS networks in the past, what the percentage is.

Q. And what is that?

A. Typically more than 50 percent are not existing. Typically more than 50 percent are a placement of new wood poles.

Q. And how tall are those new wood poles?

A. They typically average between 25 and 40 feet. It depends on the area. They typically try to keep it -- the utility poles that you have to work with typically try to keep them the same height as was

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- there. So if it's a 25-foot pole that's -- utility pole that's existing along that certain stretch of right-of-way they'll try to match that. If that particular right-of-way maybe has the 35-foot pole above ground then they'll try to match that.
- Q. And in all these poles whether they're existing or new poles, they typically are put in pursuant to the push pins that you referred to earlier within the right-of-way of those roadways; correct?
- A. Yeah, but -- well, a lot has to happen before -- you know, it's a conceptual. So in my experience conceptuals typically don't turn out as per the conceptual design after one has done their surveys and everyone has had their input.
- Q. Are you aware, Ms. Boschulte, whether Verizon actually filed an application with Harding Township for ODAS system within the last two years?
- A. I don't know if they physically filed anything.
 - Q. You weren't told one way or another whether there was an ODAS application that was submitted that was subsequently withdrawn without prejudice?
 - A. You know more than I, if that's the case.
 - Q. Well, I don't know about that, but, okay. So the answer is, no, you don't know that; correct?

Page 81 Page 82 Q. And where did -- did you independently --A. Right. 1 2 Q. And with regard to this conceptual plan 2 and I'm sorry, that was on behalf of Verizon; correct? 3 3 that you're referring to for this ODAS system, how --A. That is correct. 4 4 based on your -- have you designed ODAS systems in Q. And where did you design yourself 5 right-of-ways for a carrier before? 5 independently an ODAS system on behalf of Verizon? 6 A. Yes, I have. 6 A. Hoboken. And -- well, actually, I could 7 7 Q. And which carriers have you designed ODAS also say in conjunction with another RF, but I did a 8 significant portion in Bernardsville-Mendham. 8 systems for? 9 A. I have designed ODAS systems for Verizon 9 Q. So let's talk about the significant portion 10 10 Wireless that you did in Bernardsville-Mendham. Can you 11 Q. What about T-Mobile? 11 describe what that ODAS system consists of in 12 12 Bernardsville-Mendham? A. No. 1.3 Q. And how many ODAS systems have you designed 13 A. As far as --14 for Verizon Wireless? 14 Q. That you designed in terms of how many 15 A. I would say two, and the third I worked in 15 nodes? conjunction with another. Well, it was a long -- it's been a while, 16 16 17 Q. And which is the one where you worked in 17 but my involvement had to do with working with the 18 conjunction with another RF professional? 18 company, identifying locations where the nodes should 19 A. Jersey -- Jersey City, and --19 be placed for optimal coverage seeing up and down the 20 Q. Go ahead. I'm sorry. 20 right-of-way. Working with companies as to the 2.1 A. Jersey City and Newark. 21 azimuth. And then after a conceptual was done 22 Q. So in Jersey City and Newark you worked 22 determining what they could and could not do and then 23 with another RF professional in designing an ODAS 23 basically having to shift poles and redesigns. Because 24 network? 24 as I mentioned before you have a conceptual where you 25 A. Yes. 25 try to place the ODAS solutions in areas where it can Page 83 Page 84 1 recall as you sit here this evening approximately how 1 see over hills or around corners as best as possible. 2 many nodes were installed? 2 You don't always get those locations, either because 3 utility companies say you can't have the location, or 3 A. Not off the top of my head. I would have 4 residents in opposition do not want them in that 4 to go back. 5 5 location, or all sorts of issues why it can't be there. Q. And based on your experience, and the 6 So it goes through a couple of iterations of redesigns. 6 reason why I'm asking about Bernardsville in particular 7 Q. So ultimately the -- an ODAS system was 7 is because of its type of area and terrain as compared 8 8 to Harding Township. Particularly in that area of installed after some redesigns on Bernardsville 9 mountain to cover Bernardsville and Mendham, right, 9 Bernardsville and Mendham, is that an accurate 10 Mendham Road? 10 statement? A. It's a hilly and deciduous area, yes. 11 A. Yes. 11 12 Q. And you worked with PierCon -- you were at 12 Q. And with regard to the ODAS nodes 13 PierCon when you did that, with Mr. Pierson? 13 specifically, for how far can they, or do they 14 14 A. That is correct. propagate a signal? 15 Q. And with regard to that installation do you 15 A. Well, like I said, we also did drive tests 16 have a recollection, even if it was some time ago, and 16 in certain locations and they vary based on the 17 when you say some time ago how long ago to your 17 location and its line-of-sight, so especially in a 18 18 hilly terrain where the roads are winding as well. As recollection? 19 A. Well, Mr. Pierson, I believe, has been gone 19 soon as you go around a corner the signal is lost. 20 20 Q. So you have to put an extra node in? from PierCon for probably almost two years, so it was 21 before his departure. 21 A. Correct. The nodes would have to be closer 22 22 together. If it was a long flat stretch you could get So it was about four years ago, give or 23 23 in some cases, you know, 800 feet to 1,000 and 1,200. take? 24 Could be. 24 In other cases you'd get 500 feet or less, you know, A. 25 So with regards to that installation do you 25 but it was, you know, it would have line-of-sight and

Page 85 Page 86 then you go around a bend or over a hill and the 1 residential neighborhoods are not on the right-of-ways. signal, it drops pretty significantly and pretty 2 So you're not able to provide coverage to those 3 sharply you're gone. residential areas because they're, you know, they're 4 private roads and they're just not going to be Q. My recollection, actually, just to refresh your goes recollection, I believe that you have 5 permitted. So I haven't thoroughly investigated testified with regards to other applications in the 6 Harding, but just from doing the conducting, the drive 7 past that the distance ranges from, you know, it could test, several of these residential roads are private. be 500 feet up to 1,500 feet, just depending on the 8 Q. And when you say residential roads -- I'm factors that you just stated; is that correct? 9 sorry. I just want to be clear. When you say some of 10 A. Yes. the residential roads are private, you take private to Q. So are you aware, Ms. Boschulte, of whether 11 mean that you and I are prohibited from driving on this conceptual -- how this conceptual plan would 12 13 change if at all if this application were denied? MR. SCHNEIDER: If you know, Frances. A. I mean, like I said, I haven't evaluated 14 MR. SIMON: If you know. I don't know what the conceptual. I can see visually from the conceptual 15 that means, that's why I'm asking. THE WITNESS: No, I don't believe that cars map that they're placed in areas where the macro is not 16 17 -- is not proposed to provide coverage. So if the are prohibited from driving on it. It's just that it's macro was denied that would have to be investigated as 18 a private road, so I'm assuming that there's a private 19 owner of the road. to how that conceptual design changes. Q. And that could conceivably affect, or maybe 20 BY MR. SIMON: even increase the number of ODAS nodes that would be 21 Q. Okay. So these are roads -- when you say installed potentially; correct? 22 private roads you're talking about roads that have not A. Correct. So again, I think part of the 23 been dedicated to the public and that are not challenge as I indicated in other areas that I've 24 maintained by Harding Township; correct? 25 designed is part of the challenge is that the A. That's correct. Page 87 Page 88 Q. Okay. And with regard -- is there anything 1 Q. Are you aware of any investigation or other than what you've testified to this evening, is attempt to install a small cell technology on the sides 2 there anything else that you're aware of or have been 3 of buildings at any time in Harding -- within Harding 4 privy to with regard to this conceptual plan to put in Township? 5 MR. SCHNEIDER: At any time from when? ODAS nodes along the major roads, as you call them, to 6 MR. SIMON: Within the last ten years. fill the gaps? 7 A. No. I don't recall any or having given any A. No. 8 Q. And with regard to the area in question, information. 9 particularly the DPW yard, and its proximity to other Q. And with regard to the installations that nonresidential buildings in Harding Township, are you 10 are existing on that last page of your 2018 report, are aware of any investigation or attempt to install 11 you aware of any efforts to rotate or swap out antennas rooftop installations on any existing building, 12 on those facilities to improve coverage? nonresidential building? 13 A. I'm only aware from the Chief -- from the 14 A. Within Harding? Chief of the Police Department when he mentioned that Q. Yes, Ma'am? 15 -- when he contacted Verizon that they indicated they A. I am not -- I am not aware of any other 16 were going to try to make some changes and he said the installation being planned. 17 changes had no affect. So that's about it. Q. Okay. You're not aware of any other than 18 Q. Do you know what those changes consisted what's on your chart, correct, from 2018? 19 of?

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Correct.

example?

A. Yes.

Q. And with regard to small cell technology,

and you're aware of what I'm referring to by small

sell, antennas on the side of the buildings, for

A. No. I don't know exactly what changes they

did make in order to approve coverage that the Chief

indicated had no improvement. I don't know exactly.

structural analysis to determine whether any of those

Q. And you're not aware of any type of

structures can be raised in height; correct?

Page 89 Page 90 A. I have not contacted any Verizon or any Q. Do you have any information as to whether 1 1 2 firm to figure out if any of these existing structures 2 any of those carriers plan to construct their own 3 3 can be increased in height, no. towers? 4 4 Q. And you haven't seen any propagation or A. I do not. 5 drive test data for AT&T or T-Mobile to determine to 5 Q. And on page six of your August 28, 2018, 6 what extent they may have similar gaps; correct? 6 report you say something that there's a comprehensive 7 7 A. So I can tell you that when I did the scan plan to provide Harding Township with seamless and drive that I scanned for frequencies other than 8 8 reliable wireless services. Do you recall saying that 9 Verizon. Our scanner is set up to scan multiple 9 or do you want to turn to that? I think it's the first 10 10 frequencies, but I did not evaluate that data to verify paragraph. Let me see. Hold on. Yeah. 11 whether or not other carriers have similar gaps at this 11 A. First paragraph of my report? 12 12 Q. Yes. I'm going to quote it so you don't 13 Q. So when you say "the scan is setup," you 13 have to look it up. Of course, you can. 14 mean setup to analyze the existing coverage for AT&T, 14 "It's important to note that the coverage 15 and T-Mobile, for example? 15 gap is too large to cover with one wireless facility A. That is correct. Those frequency bands are 16 16 and this proposed wireless facility is part of a 17 included in my frequency scan list. 17 comprehensive plan to provide Harding Township with 18 Q. But you haven't provided that information 18 seamless and reliable wireless service." 19 19 Do you recall saying that? to the Board; correct? 20 A. I have not processed it or analyzed it or 20 A. Yes. It's typical -- yes. 21 provided it. 21 Q. And so what is the comprehensive plan then 22 Q. Are you aware whether any of the carriers 22 to provide Harding Township with such service? 23 other than Verizon have an interest in collocating at 23 A. Well, I mean, this is one size. Obvious 24 the DPW tower? 24 that there are other gaps. So there would be a plan in 2.5 A. I do not. 25 the future to try to fill in those gaps. Page 91 Page 92 1 Q. But you say that it's part of a 1 your wireless facilities, your coverage gaps should 2 2 comprehensive plan, but is there a current plan? overlap so that there is a continuity of service 3 A. Well, no. There isn't a plan to say where 3 between one geographic area to the next, making it 4 4 these -- where within Harding these other macro seamless. 5 5 facilities could be placed to fill the gap. Q. So seamless you mean overlap? 6 Q. So you don't -- so there's no plan where 6 Correct. 7 Macro Tower 1's going to go here and rooftop will go 7 Q. Is there a situation where you can have too 8 8 here, and you know water tower will go there and that much overlap and that's a bad thing? 9 9 A. You want a balance. will be good enough to fill in the gaps, right, there's 10 no plan yet, right? 10 Q. And how much over -- this might be an awkward question. I apologize if I'm asking it 11 A. No. There's no physical plan, no. 11 12 Q. And when you mention the term seamless 12 incorrectly, but how much overlap is too much by way of percentage? 13 wireless -- the word "seamless," is there a legal, or 13 14 14 A. By way of percentage? any obligation that you're aware of for the carrier to 15 provide seamless service? 15 Q. So if there's an overlap of 20 percent of 16 MR. SCHNEIDER: That calls for a legal 16 the existing coverage is that not good, but ten percent 17 conclusion. 17 is okay? That's why I'm saying, it might be an awkward 18 18 question. Do you understand my question? MR. SIMON: Well, the reason why I'm 19 asking, Rich, is that she used the word and that's what 19 A. It is an awkward. 20 raised my eyebrows. That's why I'm asking the question MR. SCHNEIDER: Are you able to articulate 2.0 21 21 that in a percentage or not? 22 22 BY MR. SIMON: A. I mean, typically you don't want to have 23 Q. What did you mean by "seamless" and why do 23 too much redundancy, otherwise --

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you use the word, Ms. Boschulte?

A. Well, because you have -- for good service

Q. Can you express -- and Mr. Schneider did a

better job than I did. Can you express that redundancy

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servicing the alleged gap area in question, including the areas that are depicted on your propagation maps as white: correct?

in terms of a percentage? So if your new coverage -just as an example. If your new coverage resulting in let's say 50 percent redundant coverage that's existing is that a good thing, bad thing, or does it not matter?

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A. Well, what do you mean by servicing? What does that mean?

A. Well, typically what will happen, the more overlap in coverage the more sectors you have covering a particular area. And if they're of the same signal strength it does begin to affect your signal quality and your signal quality goes down. So it's counterproductive.

Q. I'll give you an example. I know that when I leave the municipal building after a hearing and I call my wife in Gladstone to tell her that I'm done and I'm on my way home, and I have Verizon service, that I can make a call outside the Harding Township municipal building. And that area, just a simple example, is an area that you have depicted in white. And there are many areas on your propagation materials that are what I call areas of white or not in green, or color. Is there the ability to have service within those white

Q. So resulting in interference; correct?

- A. Well, I think you have to have an understanding that services, you know, are not just for making a voice call. The service that the wireless carriers are providing are not -- are also not just for phones, they're for other types of smart devices. So even the -- when the Chief testified he was referring to his mobile data terminals. There are laptops, there
- A. Right. So what would typically happen in scenarios where you have too much overlap is that you'll try to optimize by down-tilting or moving antennas if you can so that you will only have one dominant server so to speak. So you're not expanding your coverage when you have too much overlap.

24 are tablets, there are other smart devices.

Q. Let me move on. With regard to your propagation maps, Verizon is currently servicing the alleged gap area in question, even in the area of white; correct?

So the threshold, you know, this goes back

MR. SCHNEIDER: Can you repeat the question Rob? I'm sorry. BY MR. SIMON:

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Q. Sure. That's okay. Verizon is currently

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- to the neg 95 threshold, and yes, there could be areas where it may be a little stronger. There could be areas where it's weaker than neg 95. It could be neg 110, it could be neg 120.
- Q. Hold on. I'm not talking at all yet about desired signal strength. We'll get to that. I'm just -- let me put it to you this way. This tower, this new macro site, is not necessarily providing new coverage but rather it's providing improved reliability; is that
- a fair statement? A. No.
 - Q. Okay. Why is that not a fair statement?
- A. Because according to the drive data that I conducted there are areas where the signal is so weak that you would not be able to have service.
- Q. And are there areas that you picket in white based on -- and we'll get to all of this, including your drive test. Are there areas that are depicted on the propagation materials as in white where there is some service?
- A. Yes. That was in my supplemental report I pointed out those areas of inconsistencies between the propagation that you have on -- that's shared and with the drive test data.
 - Q. But it's not just the areas where you

- identified the inconsistencies, aren't there other areas that are depicted in white on both your propagation and drive test that are not as strong as negative 95 dBm RSRP that still provide coverage, a level of coverage?
 - A. Again, I'm going to go back, because you're saying coverage, and coverage you're indicating that okay for you but maybe not for someone else.
 - Q. Okay. Well, I'm not debating right now whether you believe it's reliable or I believe it's reliable. I'm just talking about whether -- I'm trying to establish the point that in the areas of white that there is in most cases, maybe not all but in most, some coverage, some level of coverage. Isn't that an accurate statement?
 - A. I will say that in areas of white there is detectable signal strength.
 - Q. Right. So it's not -- if somebody says to you that I was in an area of white and I used my phone to activate my GPS to get home late at night after a hearing they're not necessarily lying, right, that could have happened; correct?
 - A. Yes, that's true. The requirements, the requirements for having service in your home versus if you're standing outside in a parking lot are going to

Page 97 Page 98 1 1 be different. Q. And the existing green areas you identify 2 2 Q. We're going to get to all of that. I just as having greater than or equal to negative 95 dBm 3 3 wanted to establish the fact that there are certain RSRP; correct? 4 4 A. Yes. areas that you depict as white areas that have a level 5 of coverage where your smart phone can work? 5 Q. Do you have -- have you provided the Board 6 A. The areas in white are to depict areas 6 with data based on that drive test as to how much 7 where you won't have --7 better, if at all, is the signal in those particular 8 Q. Where you won't have negative 95 dBm RSRP; 8 locations that you identified as in green, better than 9 correct? 9 negative 95 dBm RSRP? 10 A. Correct. 10 So for example, how will I know in looking 11 Q. Right. But there may be within the white 11 at your scanned test results, if the area in green is 12 areas that have a signal strength of let's say negative 12 at negative 95 dBm RSRP, or negative 65 dBm RSRP? This 97 dbM RSRP and your phone or smart phone would work 1.3 13 is an example. 14 fine, isn't that accurate? 14 A. Right. You're not going to know that based 1.5 A. Maybe. 15 on my schematic. I would have to change my schematic 16 Q. When you say maybe, when you did your drive 16 to something that is more smaller intervals, say 5 dB 17 test, we'll talk about that just for a moment, A-21, 17 intervals or 10 dB intervals would give you a better 18 and you identify in your drive test areas that are 18 indication and would show you that the closer you get 19 gray, and areas that are green, and I'm just looking at 19 to the wireless facility, the closer you get to the 20 A-Harding-3 existing 700 megahertz coverage scan test 20 cell site the stronger the signal would become. 21 results? 21 Q. Right. And I have certainly seen PierCon, 22 A. Yes. 22 and maybe even yourself, provide to Boards not only 23 Q. Right. So you have -- for existing you 23 drive test data but drive test data precisely in the 24 have some green areas use and then you have gray areas? 24 manner that you just described, namely identifying how 25 A. Yes. 25 much stronger, just as an example, the areas in green Page 99 Page 100 are to negative 95 dBm RSRP; isn't that the correct? 1 to do before we close this meeting, Steve? 1 2 2 MR. MLENAK: We would just need to carry A. Yes. That can be provided, yes. 3 Q. And then conversely, Ms. Boschulte, in 3 the meeting to the next meeting date for the purposes 4 4 those -- in the drive test data that you provided the of notice, and I believe we need to extend the shot 5 5 Board, in the area that you identified in I think it's clock one more time. 6 gray, that that depicts areas that are worse than 6 CHAIRMAN FLANAGAN: All right. Mr. 7 negative 95 dBm RSRP; correct? 7 Schneider, are you willing to extend the shot clock? 8 8 MR. SCHNEIDER: I am, subject to the A. That's correct. 9 Q. But again I can't -- the Board is not able 9 Board's consent which we appreciate. And that's the 10 10 to determine whether the area -- whether a dot in the direction, and it is certainly late. We would carry it 11 to I think you said December 17th, Mr. Chairman? 11 area in -- that's in gray is at negative 96 dBm RSRP, CHAIRMAN FLANAGAN: I believe that's the 12 or negative 106, or negative 116 dBm RSRP; isn't that 12 13 13 date, Lori; is that correct? accurate? 14 A. That is correct. 14 SECRETARY TAGLAIRINO: It is. I do know we 15 15 Q. And are you able, Ms. Boschulte, to supply have a couple of applications coming in, so it won't be 16 the Board, of course you don't have to answer this, 16 a full meeting, but we can carry it to the next 17 it's sort of a rhetorical question, but you're able to 17 meeting. 18 18 CHAIRMAN FLANAGAN: All right. So the if you were so directed by your client, you would be 19 able to generate and supply the Board with that 19 Board consents to the extension of the shot clock. The 20 information based on the drive test, for example, that 20 meeting is carried. 21 MR. SCHNEIDER: Mr. Chairman, can I just 21 you conducted on February 14th of 2020? 22 22 ask one question just so I can plan? Mr. Simon, what A. Yes. 23 23 is -- famous last words, but what is your expected time CHAIRMAN FLANAGAN: Mr. Simon, I hate to 24 interrupt you, but we have a few minutes left here 24 that you intend to further questioning of Ms. Boschulte

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until 11 o'clock. So do we have anything else we need

just so I can determine if there's other matters on the

Page 102 Page 101 1 1 agenda whether we're realistically going to get to And if you and Mr. Schneider and Steve can all speak 2 2 other witness. I think it's a fair question. just so we all have an idea of what the agenda's going 3 3 MR. SIMON: Well, it's always a very fair to look like I'd appreciate it. 4 4 question, Rich, and you know I'm very open with you One thing Mr. Schneider, Mr. Simon brings 5 about that, even off-line. The way I would respond in 5 up some great points. One thing I would be interested 6 all honesty, as always, is that I want to go back and 6 in seeing is a coverage chart showing how much worse it 7 7 see what the balance of my notes entail and whether is, the coverage is, the negative 95. Is that 8 they've already been covered by some of the answers 8 something that you can prepare for the next meeting? 9 9 that Frances has given, because I always do that to try MR. SCHNEIDER: I'd have to ask Ms. 10 10 to sort of streamline. Boschulte, but your comment is certainly noted, Mr. 11 So, you know, I think certainly at least an 11 Chairman. 12 hour, Rich, but I will certainly do what I always do 12 CHAIRMAN FLANAGAN: Okay. Is there 13 13 which is try my best just to be efficient and cut to anything else we need to discuss tonight? 14 the chase, you know, based on not only the answer that 14 MR. SCHNEIDER: Other than just for the 1.5 she's given tonight but also what I still intend to ask 15 purposes of the public they will not receive any 16 of her. I don't know if that's -- I'm not trying to 16 additional notice. The same procedure for logging on 17 beat around the bush that's just an honest answer. 17 will be made available on the Township website so 18 And I would be certainly -- and Mr. 18 there's no new notice provided. 19 19 Chairman, Mr. Schneider and I have communicated prior CHAIRMAN FLANAGAN: Okay. 20 to tonight about, you know, scheduling and I am 20 MR. SIMON: I'm sorry, Mr. Chairman, just 21 21 available on the -- that December 17th date. And I can one other thing. Is it, just again for the benefit of 22 certainly reach out to Mr. Schneider before that 22 the public, is it fair to assume that if based on 23 hearing to give him a fair heads up as to -- famous 23 Lori's comment that there's another application that 24 last words -- but what I do anticipate timing-wise. 24 that application would go first and this application 25 25 CHAIRMAN FLANAGAN: That would be great. would go second? Page 103 Page 104 1 CHAIRMAN FLANAGAN: I would expect so. And 1 CERTIFICATE 2 not knowing anything else we have the application that 2 3 I, IRIS LA ROSA, a Notary Public and Certified 3 we're going to do the site visit for, this Carifa 4 4 Shorthand Reporter of the State of New Jersey, do application. It sounds like that will be back next 5 hereby certify that the foregoing is a true and 5 month. Yes. And I would expect that this application 6 accurate transcript of the testimony as taken 6 would be at the end of the meeting, you know, or not 7 stenographically by and before me at the time, place, 7 the end of the meeting but after we get through some of 8 and on the date hereinbefore set forth. 8 the other business and we just need to see what comes 9 I DO FURTHER CERTIFY that I am neither a 9 in between now and then. 10 relative nor employee nor attorney nor counsel of any 10 SECRETARY TAGLAIRINO: Yes. We'll have two 11 of the parties to this action, and that I am neither a 11 that will be ready, two residentials. 12 relative nor employee of such attorney or counsel, and 12 CHAIRMAN FLANAGAN: All right. Lori, does 13 that I am not financially interested in the action. 1.3 the Board have any other business? 14 14 SECRETARY TAGLAIRINO: Motion to adjourn? 15 15 CHAIRMAN FLANAGAN: All right. We're IRIS LA ROSA, CSR, RPR 16 adjourned. Good night everyone. 16 Certificate No. 30XI 00162800 17 (Whereupon, the hearing adjourns at 11:03 p.m.) 17 Dated: 18 18 19 19 20 20 21 21 2.2 22 23 23 24

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