

TOWNSHIP OF TEWKSBURY
LAND USE BOARD

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IN THE MATTER OF: :
: TRANSCRIPT
FILE NO. 13-03 : OF
CELLCO PARTNERSHIP D/B/A : PROCEEDINGS
VERIZON WIRELESS & GLOBAL: (VOLUME II)
TOWER, BLOCK 44, LOT 26 :

Wednesday, February 26, 2014
Old Turnpike School
171 Old Turnpike Road
Califon, New Jersey 07830
Commencing at 7:39 p.m.

BOARD MEMBERS PRESENT:

BLAKE JOHNSTONE, Chairman
MARY ELIZABETH BAIRD, Member
SHIRLEY CZAJKOWSKI, Member
LIBBY DEVLIN, Member
BRUCE MACKIE, Member
DAVID LARSEN, Member
MIKE MORIARTY, Member
KURT RAHENKAMP, Member

ALSO PRESENT:

SHANA L GOODCHILD, Land Use Administrator
WILLIAM BURR, P.E., Board Engineer
CHARLES T. MCGROARTY, P.P., Board Planner
HANK MENKES, Board RF Engineer

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 Patrick & Susan Palmer

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1 CHAIRMAN JOHNSTONE: The first one is
2 Cellco Partnership d/b/a Verizon Wireless & Global
3 Tower, Application No. 13-03, Block 44, Lot 26,
4 conditional use site plan and variance, use variance
5 due to deviation from conditional use standards.
6 Action deadline: 3/31/14.

7 Are we ready to proceed?

8 MR. VAN DOREN: Mr. Chairman, since
9 it's a use variance, I'm stepping down from the
10 Board.

11 CHAIRMAN JOHNSTONE: Ah, you're
12 leaving me?

13 MR. VAN DOREN: No, I'm going to sit
14 in the audience.

15 MS. DESIDERIO: I am too.

16 CHAIRMAN JOHNSTONE: You're leaving
17 too, huh? Okay.

18 Counsel, you're ready.

19 MR. MEESE: Good evening, Mr.
20 Chairman, members of the Board. Greg Meese,
21 attorney for the applicants, Cellco Partnership
22 doing business as Verizon Wireless & Global Tower,
23 LLC. I'm not sure -- is this on?

24 CHAIRMAN JOHNSTONE: It was before.

25 MEMBER OF THE PUBLIC: Can you use the

1 microphones, because we can't hear.

2 CHAIRMAN JOHNSTONE: Pardon?

3 MEMBER OF THE PUBLIC: Can you use the
4 microphones, because we can't hear very well.

5 MR. MEESE: Okay. Is that better?

6 CHAIRMAN JOHNSTONE: Yeah.

7 MR. MEESE: This is a continued
8 hearing --

9 CHAIRMAN JOHNSTONE: You could bring
10 that up if you want.

11 MR. MEESE: I think you have to really
12 put it right up close to make it work.

13 CHAIRMAN JOHNSTONE: If you want to
14 take it off and hold it, feel free.

15 MR. MEESE: Well, it's not going to
16 let me travel very far, so... And I'm not sure
17 where we're going to set up our exhibits so that our
18 experts can be on a mic at the same time also. We
19 should probably figure that one out.

20 CHAIRMAN JOHNSTONE: We're getting
21 somebody to check with the janitor who set this all
22 up to figure out why these things are not working.
23 Probably the button we're not pushing.

24 MR. MEESE: All right. Let me just
25 say a few words, then, before we call our first

1 witness.

2 This is a continuation from the meeting
3 that was held back on November 6, which was followed
4 by a site inspection on November 16, at which time
5 there were two balloons flown in the location of the
6 proposed facility that was originally presented to
7 the Board at the meeting on November 6 and also on
8 an alternative location that was discussed at that
9 prior meeting, that being the location that was
10 referred to as "the knoll," and members of the Board
11 as well as members of the public walked the property
12 at that time and saw the two locations.

13 While we were all doing that, there
14 were individuals out taking photographs of the
15 balloons in order to present -- or prepare and
16 present photo simulations showing what the facility
17 would look like at either location, and as the Board
18 may recall, Frank Colasurdo, the project architect,
19 had indicated that if the facility was placed on the
20 knoll, it could be shorter because of the knoll
21 being higher ground elevation, and what the
22 applicant is really concerned about, from a radio
23 frequency point of view, is the overall height above
24 sea level as opposed to height above ground at that
25 location, that rather than the tower being a

1 windmill, perhaps a silo on the knoll, which could
2 be brought down to about 86 feet in height, would be
3 an alternative.

4 So that's what was done that day.
5 Since then, Mr. Kronk, the planner, has prepared
6 photo simulations of the silo at that location to
7 compare with the windmill structure at the original
8 location and what we'd like to have Mr. Kronk do is
9 review that with you very briefly this evening to
10 try to get some feedback as to, number one, the
11 location, also the design, because we've asked Mr.
12 Colasurdo not to proceed with further engineering
13 until we get some kind of feedback as to whether
14 there's a preference one over the other.

15 We also, this evening, have two other
16 witnesses. One is Daniel Collins. Mr. Collins is a
17 radio frequency compliance expert. He presented a
18 -- or prepared a report that was submitted to the
19 Board, dated August 7 of last year, that confirmed
20 that the emissions from the proposed facility would
21 be in full compliance with all state and federal
22 regulations. He will present that report this
23 evening. We've also asked him to review that report
24 again with respect to the alternative location since
25 it would be a lower elevation above ground level.

1 He has done that and he can discuss that as well.

2 And last, David Stern, and Mr. Stern is
3 a radio frequency engineer who will discuss the need
4 for the facility as well as some of the alternative
5 locations that were analyzed and reviewed for the
6 facility and why this particular site was selected.

7 It's a perfect time for that to start
8 working.

9 CHAIRMAN JOHNSTONE: We're getting
10 there.

11 By the way, folks in the back, those of
12 you who are just arriving, there is a sign-in sheet.
13 Please make sure that you sign in. It's on a
14 clipboard. Where is it at this point?

15 MEMBER OF THE PUBLIC: On the recycle
16 bin.

17 CHAIRMAN JOHNSTONE: Okay. Has
18 everybody signed in? If you have not, please do so.
19 Those of you -- are there any more chairs in the
20 back that people can get? John, are there any more
21 chairs back there?

22 MEMBER OF THE PUBLIC: No.

23 CHAIRMAN JOHNSTONE: There's a couple
24 of chairs -- there's two chairs in the front here if
25 you want to sit down, there's a couple chairs in the

1 middle, a couple chairs on either side of this
2 gentleman, so there are places to sit.

3 Okay. If you want to start, we'll get
4 started. Let's start with your first witness.

5 MR. MEESE: Why don't we call Mr.
6 Kronk, at least he can get sworn in and review his
7 background and experience, and then hopefully we can
8 get one of the roving mics working so he can review
9 his exhibits.

10 CHAIRMAN JOHNSTONE: Let me ask you
11 this. The gentleman that was here last time --

12 MR. MEESE: Yes, Mr. Colasurdo.

13 CHAIRMAN JOHNSTONE: Is he here?

14 MR. MEESE: No, he's not.

15 CHAIRMAN JOHNSTONE: Oh, he's not
16 going to be here tonight?

17 MR. MEESE: No. We reviewed the site
18 plans the last time, but depending on which location
19 is selected, there's a lot of additional engineering
20 work that would have to go into the plan.

21 CHAIRMAN JOHNSTONE: Okay.

22 MR. MEESE: So rather than proceeding
23 and having to redo him all over again, we thought it
24 best to --

25 CHAIRMAN JOHNSTONE: So you want to

1 save him for later.

2 MR. MEESE: Yeah.

3 CHAIRMAN JOHNSTONE: You want to
4 finish his testimony -- I thought we had finished
5 his testimony the last time.

6 BOARD MEMBER: No.

7 CHAIRMAN JOHNSTONE: No? Excuse me.
8 When we were last here, I understood we had finished
9 his direct questioning. Questions were done by the
10 Board and then we had opened it up to the public and
11 we had started questions from the public of this
12 gentleman. We haven't finished that part of it;
13 more importantly, since you've already indicated
14 we've had the site walk, I suspect that there may be
15 more questions concerning the site walk.

16 Is it your position that you'd like to
17 reserve and bring him back at a later date until you
18 get additional information?

19 MR. MEESE: Yes. There will
20 definitely be a need to bring Mr. Colasurdo back.
21 We understand that, he understands that, so --

22 CHAIRMAN JOHNSTONE: Okay.

23 MR. MEESE: -- he will definitely be
24 back again.

25 CHAIRMAN JOHNSTONE: Okay. And then

1 the new witness you want to start with is who?

2 MR. MEESE: The next witness is Tim
3 Kronk, K-R-O-N-K, and Mr. Kronk is a Professional
4 Planner.

5 CHAIRMAN JOHNSTONE: We're getting
6 there.

7 MR. MEESE: Perfect timing.

8 CHAIRMAN JOHNSTONE: Ooh. We're
9 there. Testing one-two. All right, can everybody
10 hear me?

11 MR. MEESE: There we go.

12 CHAIRMAN JOHNSTONE: How about you,
13 can you be heard? Yes, you're good.

14 MR. MEESE: Tim, that's -- we're good.

15 CHAIRMAN JOHNSTONE: Is yours working,
16 sir?

17 MR. KRONK: Yes.

18 CHAIRMAN JOHNSTONE: Mr. Kronk, yours
19 is working? Okay.

20 Okay, can we turn that down, the echo?
21 Testing one-two. That sounds good. You all right?
22 That sounds good now.

23 MR. KRONK: Testing, testing.

24 CHAIRMAN JOHNSTONE: I think we're all
25 right for the moment.

1 CUSTODIAN: Okay.

2 CHAIRMAN JOHNSTONE: Don't go away.

3 CUSTODIAN: I'll be here.

4 MS. GOODCHILD: Thank you.

5 CHAIRMAN JOHNSTONE: Thank you very
6 much.

7 CUSTODIAN: You're welcome.

8 CHAIRMAN JOHNSTONE: Go ahead, sir.

9 MR. MEESE: Mr. Kronk, would you
10 please raise your right hand and Mr. Bernstein
11 will --

12 MR. BERNSTEIN: Yeah, do you want to
13 give us an address, Mr. Kronk? We have your
14 spelling.

15 MR. KRONK: Yes, my business address
16 is P.O. Box 465 of Mendham, New Jersey.

17

18 T I M O T H Y M. K R O N K, P.O. Box 465,
19 Mendham, New Jersey 07945, sworn by the Board
20 attorney.

21

22 MR. MEESE: Mr. Kronk, would you very
23 briefly review your background and experience in the
24 field of land use planning?

25 MR. KRONK: Certainly. I have a

1 Bachelor of Science from the University of
2 Massachusetts, I have 24 years of land use
3 experience predominantly in New Jersey, I am a New
4 Jersey licensed Professional Planner and an AICP
5 certified planner. I have testified throughout the
6 state and been accepted as an expert in the area of
7 land use planning.

8 CHAIRMAN JOHNSTONE: Okay, let me --
9 before we go any further, those of you that were not
10 here the last time -- and I apologize, I should have
11 been a little bit clearer what's going on. The
12 applicant has a variety of witnesses. We started
13 with one witness the last time, we got through the
14 initial questioning, we were going to open up to the
15 public at that time, we got -- we ran late, and
16 since then, we have not had another official meeting
17 since, I guess, what was it, the end of November/
18 early December. As a result, this is our second
19 meeting and we normally would start with the
20 previous witness that we had. They are not here
21 tonight, we're starting with the second witness that
22 they have, I suspect there are several other
23 witnesses that will follow this witness.

24 The way this works is very simple. The
25 attorney representing the applicant will be asking a

1 variety of questions of his witness to clarify their
2 position in their various specialties. Once they
3 get done with their direct examinations, I'll call
4 it, then the people up here on the Board will have
5 an opportunity to ask questions of this particular
6 witness. Once we're done asking our questions, I
7 will then open it up to the public, I will start on
8 one side or the other side and we'll go row by row
9 depending on how many hands I see raised that want
10 to ask questions.

11 So you understand, tonight is an
12 opportunity for these people to give some testimony,
13 you may get the opportunity to ask questions. This
14 is not the night where you'll have the opportunity
15 to give us your opinion, and the reason for that --
16 okay? -- is, in fairness to everybody, is we haven't
17 heard all of the evidence. You may have a
18 particular point that you want to make and it
19 doesn't matter what's being said but the point is we
20 have to hear all of the evidence -- okay? -- that's
21 going to be presented both by the applicant and
22 those that may oppose this application, and then at
23 that point in time, once we've got all the testimony
24 done, then we will open it up and we'll stay here as
25 long as necessary to make sure that every one of you

1 has the opportunity to be heard on this application
2 and to give us your opinions. Okay?

3 Now, does anybody have any questions
4 about how we're proceeding before we get started?

5 (No response)

6 CHAIRMAN JOHNSTONE: I see no hands
7 being raised. Then I guess we can get started and I
8 apologize for interrupting.

9 MR. MEESE: It's all right.

10 Mr. Chairman, so we can not interrupt,
11 why don't we have Mr. Kronk mark the exhibits that
12 he has all up front --

13 CHAIRMAN JOHNSTONE: That's fine.

14 MR. MEESE: -- just so he can identify
15 them and then we can --

16 MR. BERNSTEIN: Mr. Chairman, I don't
17 have any questions on voir dire, that is, on
18 qualifications, but someone may.

19 CHAIRMAN JOHNSTONE: Okay, we'll get
20 to that.

21 MR. BERNSTEIN: So I just want to
22 point that out.

23 CHAIRMAN JOHNSTONE: Let him go ahead
24 and mark your exhibits and then we'll --

25 MR. BERNSTEIN: A-4 would be the first

1 one.

2 MR. KRONK: Are we using tags or just
3 write on them?

4 MR. MEESE: If you have tags, you can
5 --

6 MR. KRONK: Well, I don't.

7 (Laughter)

8 MR. MEESE: Then just write on them.

9 MR. BERNSTEIN: A-4 and today's date.

10 CHAIRMAN JOHNSTONE: Start with A-4
11 and today's date. Make sure you put on today's
12 date, sir.

13 MR. KRONK: Got it.

14 CHAIRMAN JOHNSTONE: Okay.

15 (Photo boards presented by Mr. Kronk are
16 marked into evidence.)

17 MEMBER OF THE PUBLIC: Excuse me, Mr.
18 Chairman. You had promised -- there were five
19 people in the back of this room last time and you
20 had promised that they would get to ask questions.
21 Now, is that only of that witness or will they get
22 to speak this time? I was one of those five people
23 in the back of the room.

24 CHAIRMAN JOHNSTONE: Okay. The answer
25 is: The only thing that you could do last time was

1 ask questions.

2 MEMBER OF THE PUBLIC: Right.

3 CHAIRMAN JOHNSTONE: Okay? We did not
4 get to you, apparently, at the last meeting, and if
5 that gentleman was here tonight, then I would allow
6 you to ask the questions. He's not here tonight
7 because he's got to come back at some other point in
8 time when he revises his plans and they have decided
9 that, rather than have him come two or three times,
10 they'll have him come back at a later date when he's
11 got the plans done. So when he comes back, you'll
12 have the opportunity to be heard at that point in
13 time regarding that witness.

14 MEMBER OF THE PUBLIC: All right,
15 thank you.

16 CHAIRMAN JOHNSTONE: Okay? Are you
17 ready, sir?

18 MR. KRONK: Yes, I am.

19 CHAIRMAN JOHNSTONE: Okay, you have
20 indicated you have no questions on voir dire?

21 MR. BERNSTEIN: I have none, Mr.
22 Chairman.

23 CHAIRMAN JOHNSTONE: Does anybody have
24 any questions on voir dire?

25 (No response)

1 CHAIRMAN JOHNSTONE: The only question
2 I have for you, sir, is: Has your license been
3 revoked or suspended in any state at any point in
4 time?

5 MR. KRONK: No, it hasn't.

6 CHAIRMAN JOHNSTONE: Okay. Have you,
7 in fact, testified in a public body such as this?

8 MR. KRONK: I have testified at over
9 300 municipalities in New Jersey alone.

10 CHAIRMAN JOHNSTONE: So you're a
11 professional testifier.

12 MR. KRONK: Professional Planner.

13 CHAIRMAN JOHNSTONE: Okay. Very good.

14 All right, anybody else -- anybody in
15 the audience have any questions of this witness on
16 -- just on his qualifications?

17 (No response)

18 CHAIRMAN JOHNSTONE: I see no one.

19 Okay.

20 I have no objection, I think the Board
21 will recognize you as a --

22 MR. BERNSTEIN: Professional Planner.

23 CHAIRMAN JOHNSTONE: -- Professional
24 Planner, right.

25 MR. KRONK: Thank you.

1 MR. MEESE: Thank you.

2

3 DIRECT EXAMINATION BY MR. MEESE:

4

5 Q. Mr. Kronk, you're aware that the Board
6 took a site inspection on November 16 and went out
7 and looked at the location for the proposed
8 facility?

9 A. Yes, I am.

10 Q. And there were photographs taken at
11 that time of balloons that were set up at that time;
12 is that right?

13 A. That's correct, on November 16, we had
14 set up two balloons from 9 a.m. to 11 a.m. The 140-
15 foot black balloon was flown from the originally
16 proposed location of the windmill location and the
17 80-foot-high red balloon was flown from the top of
18 the knoll, the area that we're referring to as the
19 --

20 MEMBER OF THE PUBLIC: Can you use
21 your mic, please, because we can't hear.

22 A. The 80-foot-high balloon was flown
23 from the top of the knoll and that is the area we're
24 referring to as the possible silo alternative.

25 Q. I see you have an exhibit that you've

1 marked A-4, which is an aerial photograph. Does
2 that show the location of the -- the two locations
3 where the balloons were flown?

4 A. Yes. Exhibit A-4 is an aerial
5 photograph, it is a Google Earth photo dated
6 September 18, 2013, it has the subject property
7 outlined in a red boundary, and then it has the two
8 locations of the balloon locations identified. The
9 light blue color is labeled "proposed windmill
10 location," that was the original engineering --
11 engineered location that Mr. Colasurdo testified to
12 at the last hearing, and then the yellow dot is
13 labeled "proposed silo location." That was the
14 possible alternative location on top of the knoll.

15 Q. And could you explain why the balloons
16 were flown at varying heights, just to make the
17 record clear?

18 A. Yes. The original RF approval for
19 this subject property was at the lower elevation at
20 the base of the knoll and the radio frequency
21 engineer determined that that location, a height of
22 120 feet aboveground, would be required for the
23 antennas. If we move towards the top of the knoll,
24 basically the change in elevation allowed us to use
25 a lower structure so the proposed centerline of the

1 antennas on top of the knoll only needed to be 80
2 feet AGL, so it was the change in the elevation
3 between the base of the knoll and the top of the
4 knoll that we were able to reduce the size of the
5 alternative structure.

6 Q. And during that balloon test as the
7 Board and members of the public were walking the
8 property, there was also photographs taken from
9 various vantage points to determine where they would
10 be visible to the public?

11 A. That is correct.

12 Q. And do you have an exhibit that shows
13 where those photographs were taken from?

14 A. Yes. The same aerial photograph --
15 aerial photo, Exhibit A-4, also does contain a
16 series of eight dots surrounding the property, there
17 are four dots in yellow that correspond to the
18 locations of the silo simulations, and there is four
19 dots in blue that correspond to the simulations of
20 the windmill location.

21 Q. And you have prepared photo simulations
22 to analyze what the facility would look like from
23 various vantage points, whether it be a silo or a
24 windmill?

25 A. That is correct. The first four photo

1 exhibits I'll have are the ones that were -- the
2 photographs that were taken on November 16. Those
3 photo boards all contain the two balloons at the
4 same time. On the right-hand side of those
5 exhibits, I have created the photo simulation
6 showing the silo. After we go through those four,
7 the original balloon test for the subject property
8 was performed on April of last year and that's the
9 one that has the four photo simulations of the
10 windmill.

11 Q. All right. And if you would start, I
12 guess, with Exhibit A-5, and those are the photo
13 boards?

14 A. Yes. Exhibit A-5 --

15 CHAIRMAN JOHNSTONE: Sir, why don't
16 you go over there and stand next to them and look
17 out that way and point to them so people can see
18 what you're referring to.

19 A. Exhibit A-5 with today's date,
20 February 26, is an exhibit that has two photographs
21 on it. The first is the existing conditions
22 photograph from the balloon test on November 16, and
23 in that existing conditions photograph, you will see
24 the two balloons that are labeled "proposed location
25 of 86-foot-high silo" and the one on the right is

1 the proposed location of the 140-foot windmill.

2 This is taken from the parking lot by
3 Oldwick Park. If we refer back to Exhibit A-4, that
4 is represented by the yellow dot with a 1 on it over
5 by the baseball field in the park.

6 Now, one thing when we go through these
7 photo simulations with the silo, there is a little
8 caveat and that is, when the RF engineer analyzed
9 the height of the structure for the top of the
10 knoll, the RF engineer determined he was going to
11 need his antennas at 80 feet. So that's what we did
12 the balloon test at. In terms of the actual top of
13 the proposed silo, by the time the architect put the
14 round top on it, we actually got to 87 feet. So
15 when you look at the photo simulations -- I'll pass
16 them around once we're done -- you'll see the
17 balloon is here at 80 feet. We did make a small
18 modification in the simulation to actually get the
19 top of the silo roof up to the 87 feet that would be
20 required. That's very simple in the program. We
21 have a calibrated balloon that's 36 inches so we can
22 incrementally add at that additional height without
23 any problems. So Mr. Colasurdo, the architect,
24 prepared a conceptual plan to be used in the photo
25 simulations and that's how we got a silo a little

1 higher, but the antennas themselves are at 80 foot
2 in the structure, as determined by the radio
3 frequency engineer. So --

4 Q. Now, Mr. Kronk, just jumping ahead just
5 a moment, the simulation that you have for a silo,
6 that was based on the exhibits that were prepared by
7 Mr. Colasurdo?

8 A. Yes, and I believe those exhibits were
9 submitted to the Board. Right?

10 Q. Yes.

11 A. Okay. So the Board did see those
12 exhibits --

13 CHAIRMAN JOHNSTONE: Yes, we have seen
14 them.

15 A. -- and that's how it was -- the
16 evolution of the balloon test and then he finished
17 his exhibits and that's how we do -- we created a
18 simulation that matched the exhibits that were
19 submitted.

20 So on Exhibit A-5, we have the two
21 balloons visible from the balloon test and then on
22 the right-hand side, the computer simulation where
23 the two balloons have been removed and the silo has
24 been inserted in the photograph via computer
25 simulation with a maximum height of 87 feet, and

1 also from this location, you will see the portion of
2 the equipment compound with a barn-like structure
3 has been inserted into the photograph.

4 Exhibit A-6, also from November 16.
5 This is a location, it's actually labeled the
6 southwest boundary of the Oldwick Historic District.
7 On Exhibit A-4, the aerial photograph, it is labeled
8 with a yellow dot as number 2. This is a location
9 on the property but it's showing the view from the
10 boundary of the historic district from this
11 location. The two balloons at 80 and 140 are
12 visible in the photograph on the left, and then on
13 the right, the computer simulation where the
14 balloons have been removed, we have inserted the
15 silo via computer simulation as well as what
16 equipment at the base of the silo would be visible
17 for the location of the equipment cabinets.

18 Exhibit A-7, this is a view from 27
19 King Street looking toward the proposed silo
20 location. This location is represented right along
21 the edge of the Melick Farm and the residents at 27
22 King, represented by number 3 yellow dot looking
23 towards the silo location, with the photo of
24 existing conditions on the left without labeling the
25 two balloons for the windmill location and the silo

1 location, and then on the right, computer simulation
2 where the silo has been inserted at a height of 87
3 feet, and the equipment that would be visible from
4 this location has also been inserted into the
5 photograph.

6 Exhibit A-8. This is a view from
7 Oldwick Road, kind of an open area. It's by utility
8 pole 104, and actually, it fell just off the edge of
9 the photograph, but when you look in the photo,
10 you'll see we have the edge of the quarry here and
11 then we have the two balloons visible above the
12 ridge, so it's actually just off the aerial here
13 looking up towards the silo location, and on the
14 left-hand side, the two balloons that were visible
15 from this location have been labeled, and then on
16 the right-hand side, the balloons have been removed
17 and the silo has been inserted, with a small portion
18 of the equipment compound being visible from this
19 location, so that has been inserted as well.

20 As I mentioned, the original photo
21 simulations that were prepared for the submittal of
22 the application were from a balloon test that was
23 performed on April 4 of 2013 and these are the photo
24 simulations that show the original windmill type
25 structure from pretty much very similar areas. I

1 tried to take them from the same locations but I did
2 make some minor modifications on the locations of
3 the silo photos because I was trying to get as much
4 of the compound, the barn-type structure that would
5 be at the base of the silo, so I did kind of move
6 life on the location along the Historic District.
7 Originally, my original photo was right on King
8 Street where the Historic District ended but I moved
9 on the property because with the vegetation there,
10 it would have obscured the barn structure, so I kind
11 of modified the silo photo locations just to
12 maximize the view at the base of the silo.

13 So I'll run through these. The first
14 one's Exhibit A-9. Once again, this is a view from
15 number 27 King Street, same location as the prior
16 photo. This one would be the blue dot with the
17 number 1, and same thing: On the left, we have the
18 original balloon test location and then on the
19 right, the photo simulation of the windmill type
20 structure.

21 Exhibit A-10. This is the western
22 boundary of the Oldwick Historic District. Right
23 where it crosses King Street is represented by the
24 blue dot with the number 2. This is the location
25 where I was standing before. I moved in on the

1 property a little bit to get the same type of view
2 but make sure we had the base visible. On the left-
3 hand side here, we do have the balloon test visible,
4 and on the right, we had the balloon removed and the
5 140-foot silo structure has been inserted, with
6 Verizon Wireless antennas at the 120-foot elevation.

7 MR. MCGROARTY: Windmill, not the
8 silo.

9 MR. KRONK: Did I say "silo"?

10 MR. MCGROARTY: You did.

11 MR. KRONK: Okay, sorry.

12 Exhibit A-11, this is a view on Oldwick
13 Road, right by the fire department, looking back
14 towards the proposed windmill location. Same thing
15 on the existing conditions photo on the left, the
16 balloon is visible, and then on the right, the
17 computer simulation with the 140-foot windmill
18 structure inserted with, actually, just a portion of
19 that visible over the tree line.

20 And the last photo exhibit, Exhibit
21 A-12, this is a view very similar to the park
22 location, Oldwick Park before, only this one was
23 right on the edge of the road and not in the park,
24 balloon test visible from April of last year, and
25 then the computer simulation of the windmill at 140

1 feet with the Verizon Wireless antennas inserted at
2 120 feet.

3 BY MR. MEESE:

4 Q. Now, Mr. Kronk, I know that Mr.
5 Colasurdo will be back to discuss the actual
6 components of the silo, as he did with the windmill.

7 A. Correct.

8 Q. Do you have experience with silos?

9 A. I have been involved in the zoning of
10 some silos before, yes.

11 Q. And generally, just for the Board and
12 the public, the silo can be constructed of various
13 material but the top of it has to have a radio-
14 frequency-transparent cover on it?

15 A. Correct.

16 Q. And in terms of the coloring of the
17 silo, it really could vary as the Board sees fit
18 or --

19 A. Yes. Primarily, the manufacturers of
20 the wireless telecommunications silos have the base
21 portion made out of concrete and then the top is a
22 radio-frequency-friendly material. I believe Mr.
23 Colasurdo does have a company he has worked with
24 where you could do, like, metal or something on the
25 lower portion as well. I have not been involved in

1 one of those.

2 Q. And the diameter of the silo that is
3 proposed by Mr. Colasurdo was a 30-foot diameter?

4 A. Yes, that's a 30-foot diameter, as
5 shown on the exhibits that were submitted to the
6 Board by Mr. Colasurdo, and that was for -- to house
7 the antennas as well as proposed storing the
8 equipment for two carriers in the base of that silo.

9 Q. So the silo would not just be for the
10 Verizon Wireless antennas but also be able to be
11 used for other collocators.

12 A. Yes, the antennas of the additional
13 collocators at the site would also be placed inside
14 of the silo as well as the equipment for two
15 proposed future carriers.

16 Q. And the silo, you had indicated, had a
17 top height of 87 feet -- an 86-foot silo with a vent
18 on top?

19 A. Yeah, it was actually 86 to the top of
20 the dome and then he had an elevation at 87 to the
21 top of the vent, so I used the maximum height that
22 was depicted on his conceptual silo drawings.

23 Q. All right. Now, I think most of the
24 people sitting here have walked the property, they
25 were present during the balloon test, they've now

1 seen your photo simulations. Do you have a -- from
2 a professional planning point of view, do you have
3 an opinion as to which of the two designs would be
4 preferable in this setting?

5 A. I think we have tried to work with the
6 agrarian nature of the community in finding a
7 structure that does fit in. I do believe -- I think
8 I like the silo on top of the ridge more. It's a
9 shorter structure but the fact that we are able to
10 house all of the antennas internally, you know,
11 whether there's one or four carriers there, I think
12 that is an advantage over the windmill structure
13 where, if additional carriers come on, they're going
14 to be on the structure and be visible, so I do think
15 the silo on the knoll at this time would be my
16 preference, even though when you look at the photo
17 simulations, you'll see the difference between the
18 two locations is when you're at the lower level
19 elevation at the windmill location, you're never
20 going to see the equipment unless you're on the
21 subject property, but the silo being up high did
22 have visibility of the equipment compound from the
23 surrounding areas but what we are conceptually
24 proposing was a barn-type structure so I certainly
25 do believe that that would fit in with the

1 vernacular, so I would have to lean toward the silo
2 at this time.

3 MR. MEESE: Thank you.

4 Are there any questions of Mr. Kronk?

5 CHAIRMAN JOHNSTONE: We will start
6 with our professionals. Anybody down at that end
7 have any questions?

8 MR. MCGROARTY: Well, Mr. Chairman,
9 the question I would ask is: Are you going to
10 address the variance?

11 MR. KRONK: No. This evening, we just
12 wanted to conceptually present the silo alternative
13 to try to get some feedback from the Board. If the
14 silo location is the preferred location here, we
15 basically have to go back and start our engineering
16 drawings over. So no, there's going to be no
17 variance testimony from me this evening, just
18 presenting the photos and the simulations of the two
19 locations in the hopes of getting some guidance from
20 the Board.

21 MR. MCGROARTY: I have none -- no
22 questions.

23 CHAIRMAN JOHNSTONE: Okay. Any
24 questions? Bill, any questions?

25 MR. BURR: I have a question. The

1 photo simulation software that you're utilizing, is
2 there any reason why both the lattice tower and the
3 silo couldn't have been put on the same photo to
4 give, you know, an easy comparison of what you're
5 looking at?

6 MR. KRONK: I really thought it was
7 just going to get cluttered --

8 MR. BURR: Yeah.

9 MR. KRONK: -- and I had already
10 prepared the -- the lattice tower simulations were
11 prepared last year for submittal with the
12 application.

13 MR. BURR: Okay.

14 MR. KRONK: I thought having the two
15 balloons on the photo was going to be enough, uh,
16 enough of a reference but... I just -- I saw it as
17 being --

18 MR. BURR: Okay.

19 MR. KRONK: -- not an accurate
20 representation of either one; it would have been
21 more cluttered than anything else.

22 MR. BURR: Another question for you.
23 At the last meeting, Mr. Colasurdo mentioned that
24 there's, I guess, an existing faux windmill on 78,
25 he mentioned Mountainside, I think it's actually in

1 Warren, a lattice tower with a faux windmill. Do
2 you know of any of these faux silos anywhere in this
3 area that would really give us an idea?

4 MR. KRONK: The closest one, there is
5 one in Amwell Township.

6 MR. BURR: East or West?

7 MR. KRONK: I knew you were going to
8 ask me that. I guess we could get that -- we could
9 get that address and forward it to the Board.

10 MR. BURR: And it's used for this
11 purpose?

12 MR. KRONK: Yes, yes.

13 MR. BURR: Yeah.

14 MR. KRONK: We'd probably have to get
15 you some information on the height as well because I
16 don't -- but yes, we can forward --

17 MR. MEESE: Do you know what carrier
18 it is?

19 MR. KRONK: It's the same carrier.

20 MR. MEESE: Oh, all right, so we can
21 definitely get that for you.

22 MR. BURR: Okay. That's all I have.
23 Thank you.

24 MR. BERNSTEIN: Sir, how many times
25 have you testified in favor of cell tower

1 applications?

2 MR. KRONK: I've been working
3 primarily in wireless telecommunications for the
4 last 12 years.

5 MR. BERNSTEIN: No, but I'd like a
6 number -- you can give us an estimate, a ballpark,
7 of the times you've testified in favor of
8 applications for cell telephone facilities.

9 MR. KRONK: I would be -- I can't even
10 come up with an accurate number; that would be a
11 guess. Like I said, primarily, for the last 12
12 years, I have worked for wireless telecommunications
13 carriers.

14 MR. BERNSTEIN: Okay, and which ones
15 have you worked for?

16 MR. KRONK: I have worked for all of
17 the licensed --

18 MR. BERNSTEIN: List them. Can you
19 list them for us?

20 MR. KRONK: Sure. I have worked for
21 Verizon, I have worked for AT&T, I have worked for
22 Sprint, I have worked for T-Mobile, I have worked
23 for MetroPCS, I've worked for a few that are not
24 around anymore.

25 MR. BERNSTEIN: Okay. Have you ever

1 testified against a cell application?

2 MR. KRONK: No, I haven't.

3 MR. BERNSTEIN: Okay. Are you a
4 professional photographer?

5 MR. KRONK: No, I'm not. Well, okay
6 -- okay, I get paid for taking pictures so
7 there's...

8 MR. BERNSTEIN: Do you consider --

9 MR. KRONK: Does that make me
10 professional? No.

11 MR. BERNSTEIN: Do you consider
12 yourself a professional photographer?

13 MR. KRONK: No, I don't.

14 MR. BERNSTEIN: Okay.

15 MR. KRONK: I consider myself a
16 Professional Planner who takes photographs routinely
17 in the scope of preparing a planning analysis,
18 whether it's for wireless telecommunications or any
19 other type of development.

20 MR. BERNSTEIN: Did you take other
21 pictures other than those that are shown on the
22 exhibits tonight?

23 MR. KRONK: Yes.

24 MR. BERNSTEIN: And do you have those
25 if the Board --

1 MR. KRONK: If the Board wants them --

2 MR. BERNSTEIN: -- wanted to --

3 MR. KRONK: -- yes, I could provide
4 the additional photos that were taken both in April
5 of last year as well as November of last year.

6 MR. BERNSTEIN: Now, with respect to
7 the photo simulation, is there a computer program
8 you use?

9 MR. KRONK: Yes.

10 MR. BERNSTEIN: And is this a program
11 that's used by all planners testifying with cell
12 telephone applications? If you know.

13 MR. KRONK: I don't know if it's the
14 same program but it's the same basic, you know,
15 concept, it's a drawing program -- a 3-D program,
16 it's a rendering program and a lighting program, so
17 it's -- yes, they are standard software used in,
18 let's say, the planning industry, not necessarily
19 just wireless.

20 MR. BERNSTEIN: Okay. And you showed
21 on your photo simulation one set of antennas; is
22 that correct?

23 MR. KRONK: That is correct, on the
24 windmill, and the antennas are not visible on the
25 silo because they are on the inside.

1 MR. BERNSTEIN: Yeah. But in fact,
2 with respect to the windmill, the application is for
3 four series; is that correct?

4 MR. KRONK: Well, I think they're --

5 MR. BERNSTEIN: As they're shown on
6 the architectural plans.

7 MR. KRONK: Well, I think they're
8 shown conceptually on the architecturals. The
9 application is only for one carrier at this g39.

10 Time. So no, I did not show it because
11 what happens is the different carriers have
12 different types of equipment and what happens is I
13 have to start to speculate to show other carriers,
14 so yes, I showed the antennas of the applicant
15 Verizon Wireless that I had engineering drawings
16 for.

17 MR. BERNSTEIN: But in fact, didn't
18 the architectural plans show that there would be a
19 series of four carriers on this tower?

20 MR. MEESE: That was just a
21 conceptual --

22 MR. KRONK: Conceptually, yes.

23 MR. MEESE: -- showing that the
24 tower --

25 MR. BERNSTEIN: That was what was

1 presented to us and I just want the witness to
2 confirm that, I mean --

3 MR. KRONK: Yes, it was shown --

4 MR. BERNSTEIN: Yeah.

5 MR. KRONK: -- conceptually for the
6 other three collocators. The one that had the exact
7 mounting and the exact antenna sized, those were the
8 Verizon Wireless and that's the ones --

9 MR. BERNSTEIN: Right.

10 MR. KRONK: -- that had the
11 information.

12 MR. BERNSTEIN: And what type -- is it
13 the panel antenna that Verizon is proposing; am I
14 right there?

15 MR. KRONK: That's correct, yes.

16 MR. BERNSTEIN: And you didn't know
17 whether the other carriers would have panel or whip
18 antennas; is that correct?

19 MR. KRONK: Well, they're pretty much
20 all using panels but size and number and location
21 varies, so...

22 MR. BERNSTEIN: Okay, so --

23 MR. KRONK: We could do it -- if you
24 needed one, it could be done conceptually but, you
25 know, obviously with a caveat for those.

1 MR. BERNSTEIN: Yeah. And do you know
2 whether or not the -- both of the towers were
3 designed so that they could handle four arrays for
4 four different companies?

5 MR. KRONK: Yes, Mr. Colasurdo did
6 testify regarding the windmill structure being able
7 to handle four carriers. Since we are still in the
8 conceptual stage on the silo, that is a structure as
9 well that could be designed to handle these four
10 carriers since it's not designed yet.

11 MR. BERNSTEIN: And am I right that if
12 a carrier gets approval for a cell tower, that
13 there's sort of an automatic method that the second
14 carrier can come on that tower? Isn't there a
15 legislation to that effect? If you know. If you
16 don't know, you can pass on it.

17 MR. KRONK: I'll pass on that.

18 MR. BERNSTEIN: Okay, fair enough.

19 That's all I have. Thank you, very
20 much. Thank you.

21 MR. KRONK: Thank you.

22 CHAIRMAN JOHNSTONE: Shana?

23 MS. GOODCHILD: I don't have anything.

24 CHAIRMAN JOHNSTONE: My questions are
25 assuming that we're going to grant you the

1 application.

2 You have indicated, in your
3 professional opinion, that of the two choices, the
4 windmill or the silo, you prefer the silo. Are
5 there any other choices besides the windmill and the
6 silo?

7 MR. KRONK: I think those are the two
8 most appropriate means of camouflage in this area.
9 As I mentioned, we certainly are in an agricultural
10 area and I think those are the two structures that
11 most accurately comprise an architectural vernacular
12 of an agrarian area, so --

13 CHAIRMAN JOHNSTONE: I heard you the
14 first time. Are you familiar with any other
15 alternative besides those two?

16 MR. KRONK: Sure, I'm familiar with
17 other alternatives.

18 CHAIRMAN JOHNSTONE: Okay. What's the
19 least obstructionist in terms of view, in your
20 opinion, professional opinion?

21 MR. KRONK: Probably -- are we talking
22 a new structure?

23 CHAIRMAN JOHNSTONE: Yeah, you're
24 talking a new structure.

25 MR. KRONK: Okay. Normally, I think

1 the flagless flagpole is the --

2 CHAIRMAN JOHNSTONE: The monopole.

3 MR. KRONK: No. Flagless flagpole.

4 CHAIRMAN JOHNSTONE: Okay. It's a
5 pole. Simple pole.

6 MR. KRONK: Um-hum.

7 CHAIRMAN JOHNSTONE: Okay.

8 MR. KRONK: With the antennas on the
9 inside.

10 CHAIRMAN JOHNSTONE: Okay. Have you
11 shown that -- have you thought about showing us
12 that?

13 MR. KRONK: No.

14 CHAIRMAN JOHNSTONE: Why?

15 MR. KRONK: Um, actually, the problem
16 with that one is the structure tends to end up being
17 a lot taller because there can only be three
18 antennas on each level, so in this case, Verizon
19 Wireless is proposing 12 antennas, so they would
20 need -- they would need 40 feet of tower just for
21 themselves. So the collocation issues related to
22 the flagpole make it more problematic because we
23 need a much larger structure to get the same number
24 of --

25 CHAIRMAN JOHNSTONE: Why?

1 MR. KRONK: -- antennas in. Because
2 on each elevation, right now on the -- let's just
3 refer to the --

4 CHAIRMAN JOHNSTONE: Well, the pole
5 that you're referring to, let's just say it's 140
6 feet up. That's less visible than the two that
7 you're proposing, correct?

8 MR. KRONK: But the 140-foot
9 structure, the windmill, will allow four carriers to
10 go on there with each carrier having up to 12
11 antennas on each elevation. If Verizon were to take
12 a flagpole and they needed 12 antennas, that would
13 take up 40 feet of the tower. They probably
14 couldn't put another carrier at this location.

15 CHAIRMAN JOHNSTONE: I would like to
16 see -- I would like to see what it would look like
17 as a monopole or flagpole --

18 MR. KRONK: A regular monopole?

19 CHAIRMAN JOHNSTONE: Well, I want to
20 see any type of pole. I want to see what is the
21 least obstructive way of doing this. I mean, so
22 far, as you've shown us, all you've shown us in
23 conception in your photographs here are just one set
24 of antennas here. I want to see what this thing is
25 going to look like when it is fully put together

1 because, trust me, if you're getting one, you're
2 going to end up with two others after that. I want
3 to see all of them and I want the public to see all
4 of them as well.

5 MR. KRONK: Well, the silo one will
6 look the same.

7 CHAIRMAN JOHNSTONE: That, I accept.
8 That one, I accept. The other --

9 MR. MEESE: Mr. Chairman, if I may, if
10 you're asking for a rendition of a monopole with
11 four carriers on it or a flagless flagpole, a
12 flagless flagpole may not be able to get four
13 carriers on it.

14 CHAIRMAN JOHNSTONE: Well, that's what
15 I want to find out. I don't know.

16 MR. MEESE: So I guess what we can do
17 is we can give you an exhibit showing the --
18 basically the -- a flagless flagpole maxed out --

19 CHAIRMAN JOHNSTONE: Sure.

20 MR. MEESE: -- what Verizon would
21 need, and then what space would be left over, if
22 any, for a collocator.

23 CHAIRMAN JOHNSTONE: I want to see
24 what it looks like because the other question I have
25 for you is, I took the time after we had the site

1 view and I was thinking about it and I went down
2 onto 517 and I was looking and you have a lot of --
3 you have the space where there is woods that comes
4 out as you're looking at it from the side of where
5 the quarry is and there's woods there and I was
6 wondering why we couldn't hide it behind that where
7 the woods are, which would probably mean that you
8 would need a variance because it would probably be
9 close to the -- to the line of the properties, and I
10 was wondering why we can't put the -- nestle this
11 thing -- if we have to have it, why we can't nestle
12 this thing behind the woods. It would be basically
13 at the same latitude -- or the same longitude as you
14 have for your lower one but it would be behind the
15 woods that are there.

16 MR. KRONK: So the original location
17 here (indicating)?

18 CHAIRMAN JOHNSTONE: Yeah, but move it
19 more towards the quarry.

20 MR. KRONK: Towards the quarry goes up
21 the hill.

22 CHAIRMAN JOHNSTONE: No, no.

23 MR. STERN: South. South?

24 CHAIRMAN JOHNSTONE: Now you got it.
25 There you go. That area. There's woods there,

1 okay? And this is without the, you know, leaves
2 being on the trees and I thought you could hide a
3 good half of that behind the trees there, so --

4 MR. KRONK: Well, I think that's what
5 we did with the original location --

6 CHAIRMAN JOHNSTONE: No, you didn't.
7 No, you didn't. Trust me, I went out there. You
8 could move it another 50, 60 yards to the south --
9 okay? -- and put it behind the woods and it may
10 impale you to have to go for a variance, I'll accept
11 that, but I would like to see -- I'd like to see a
12 consideration of that as well.

13 MR. KRONK: Did you see the photo
14 simulation from the fire department where you're
15 looking -- when you're looking up towards -- behind
16 the fire department, just a small portion of the
17 tower was visible over the tree line when the leaves
18 were there?

19 CHAIRMAN JOHNSTONE: I understand
20 that, but I'm trying to hide this thing from the
21 other parts of the town, not from the fire
22 department; I'm looking at other parts of the town
23 as well. And if you hide it in -- close to the
24 woods section there, I think it's a better
25 opportunity to do that.

1 MR. KRONK: So you mean on a different
2 piece of property.

3 CHAIRMAN JOHNSTONE: No, on the same
4 property, sir.

5 MR. MEESE: No, just in the corner, I
6 think he's referring to.

7 CHAIRMAN JOHNSTONE: Yeah. It's not
8 that complicated. It's not rocket science.

9 MR. KRONK: So just move from here to
10 there (indicating).

11 CHAIRMAN JOHNSTONE: Yes, exactly.
12 What it does is it puts it closer to the woods. But
13 I also would like to see the monopole aspect of this
14 thing, I want to see what that looks like.

15 That's the only questions I have.
16 Anybody else?

17 MS. BAIRD: Not at this time.

18 CHAIRMAN JOHNSTONE: Anybody?
19 Questions?

20 MS. CZAJKOWSKI: I have a question.

21 CHAIRMAN JOHNSTONE: Go ahead.

22 MS. CZAJKOWSKI: The silo you're
23 talking about erecting, is that a standard size --

24 (Whereupon the court reporter advises the
25 Chairman that she is having trouble hearing the

1 questioning due to public chatter.)

2 CHAIRMAN JOHNSTONE: No chatter.

3 MS. CZAJKOWSKI: The silo that you
4 have shown us, is that a standard size silo?

5 MR. KRONK: Correct, yes.

6 MS. CZAJKOWSKI: Is that larger?
7 Smaller?

8 MR. KRONK: That is a standard size
9 silo, yes.

10 MS. CZAJKOWSKI: And would that be the
11 same size silo we would see in the Amwells?

12 MR. KRONK: Very similar. I have to
13 check on the height; I believe that one's actually
14 taller.

15 MS. CZAJKOWSKI: And how about
16 diameter?

17 MR. KRONK: Around the same.

18 MS. CZAJKOWSKI: Okay.

19 MR. MEESE: Yeah, what we could try to
20 do is we could try to get the actual plans for the
21 Amwell silo so we could compare apples to apples.

22 CHAIRMAN JOHNSTONE: Also get a
23 picture of it, if you would, please. Send us a
24 picture.

25 MS. DEVLIN: I have a similar question

1 to that.

2 CHAIRMAN JOHNSTONE: Go ahead, ask it.

3 MS. DEVLIN: It was more of the --
4 from the photo simulation pictures, does the silo
5 proportions as drawn in the architect's drawing
6 match what is in your photo simulation?

7 MR. KRONK: Exactly.

8 MS. DEVLIN: It does.

9 MR. KRONK: (Mr. Kronk nods.)

10 MS. DEVLIN: Okay. I also had a
11 question, did you -- you said you took other
12 pictures. Did you take any from coming southbound
13 down 517 towards Oldwick?

14 MR. KRONK: You mean up here
15 (indicating)?

16 MS. DEVLIN: Because it's going up a
17 hill, you know, so I'm just curious what it would
18 look like if you were approaching --

19 CHAIRMAN JOHNSTONE: She's referring
20 somewhere along --

21 MS. DEVLIN: The center of Oldwick.

22 CHAIRMAN JOHNSTONE: -- Hill and Dale
23 Road, aren't you?

24 MS. DEVLIN: Um-hum.

25 CHAIRMAN JOHNSTONE: Somewhere along

1 Hill and Dale Road --

2 MS. DEVLIN: Yeah.

3 CHAIRMAN JOHNSTONE: -- coming south.

4 MS. DEVLIN: Coming south.

5 MR. KRONK: Anyplace up there where --
6 see, when I take my photos, I don't use a -- any
7 type of zoom. I try to replicate the human eye in
8 the photo settings. I think -- I may or may not
9 have had one up there but it was really right at the
10 tree line so it did not stand out at that location.

11 MS. DEVLIN: Because we might be able
12 to -- if you do have those, we might be able to take
13 a look at that, if you have something like that.
14 Right?

15 MR. KRONK: I can bring those if the
16 Board wants those.

17 MS. DEVLIN: And if it is a silo, I'm
18 just curious, what type of fencing goes around that?
19 Because I know you have the nice farm buildings and
20 all, but are you going to put chain-link fence
21 around it and make it not look like a farm?

22 MR. KRONK: No, actually, I think
23 what -- on Mr. Colasurdo's exhibit, I think he was
24 proposing a fence that matched the same one on the
25 farm property. It was an eight-foot-high wooden

1 post with a mesh type fencing.

2 MS. DEVLIN: Okay, so you don't have
3 security issues with, you know --

4 MR. KRONK: The equipment there would
5 all be inside the building so there really wouldn't
6 be anything outside so that's where I was more
7 trying to blend in with the property.

8 MS. DEVLIN: Okay. I don't know if
9 you know or maybe Mr. Colasurdo knows, but what is
10 the life of these structures and what happens to
11 them when they're dead?

12 MR. KRONK: Yeah, I'll have to leave
13 the life --

14 MS. DEVLIN: Okay.

15 MR. KRONK: -- testimony to the
16 engineer.

17 MS. DEVLIN: Okay. That's it.

18 CHAIRMAN JOHNSTONE: Okay. Next? No?

19 MR. MACKIE: No questions.

20 CHAIRMAN JOHNSTONE: Anybody?

21 Michael?

22 MR. MORIARTY: Mr. Kronk, when you
23 were testifying in response to Mr. Burr's questions,
24 you said it would be, I guess, too crowded to have
25 both simulations on the same photo, but did you

1 prepare one?

2 MR. KRONK: No, I didn't, I had
3 separate exhibits. I think if you look at both at
4 the same time, you're not getting an accurate
5 depiction of what either one would be.

6 MR. MORIARTY: So you didn't prepare
7 one for your own curiosity?

8 MR. KRONK: No, I did not prepare one,
9 no.

10 MR. MORIARTY: What is the dimension,
11 the diameter, of the silo that you have in Exhibits
12 9 through 12?

13 MR. KRONK: It's 30-foot diameter.

14 MR. MORIARTY: Okay. Now -- and is
15 that consistent with the testimony from the last
16 hearing about the diameter of the silo?

17 MR. KRONK: I don't believe we had
18 silo testimony at the last hearing, did we?

19 CHAIRMAN JOHNSTONE: Yeah, we did.

20 MR. BERNSTEIN: Yeah. The architect.

21 CHAIRMAN JOHNSTONE: The architect.

22 MR. KRONK: This -- whatever -- I'm
23 going by the drawing that the architect submitted to
24 you as the conceptual exhibit for the silo. I don't
25 recall what his testimony was at the last hearing

1 but I -- the photo simulations accurately depict
2 what is shown on the submittal that Mr. Colasurdo
3 made with the silo conceptals.

4 MR. MORIARTY: I could be wrong but in
5 my notes, I had 60-foot diameter for the silo
6 structure. Would that -- could we get one with --
7 first I guess we'll check to make sure that that's
8 the testimony that he provided last time and then,
9 second, could we get a simulation with that size as
10 well?

11 MR. KRONK: I really don't recall 60
12 because I don't believe that's a standard size.

13 MR. MEESE: Yeah, the diameter was
14 determined in the plan which was submitted to the
15 Board in advance of this meeting. The diameter was
16 determined by Mr. Colasurdo. He went back and
17 looked at different silo manufacturers for the
18 wireless industry, which is where he came up with
19 the 30-foot diameter silo.

20 MR. MORIARTY: Okay. Because I had --

21 CHAIRMAN JOHNSTONE: Well, the bottom
22 line is we'll get the answer at the next -- by the
23 next meeting.

24 MR. MORIARTY: Yeah. And then what
25 were the dimensions of the house structure that you

1 used?

2 MR. KRONK: The dimensions were on
3 that -- the same as on that same exhibit. Do you
4 have that or do you want me to get that exhibit?

5 CHAIRMAN JOHNSTONE: What was that you
6 just said?

7 MR. MCGROARTY: Mr. Chairman, on the
8 plans, the height of the shed that would contain the
9 compound is 17 feet 3 inches.

10 CHAIRMAN JOHNSTONE: No, what's the
11 length of the shed?

12 MR. MCGROARTY: I don't have an
13 architect's scale, Mr. Chairman, I have an
14 engineer's scale.

15 CHAIRMAN JOHNSTONE: Oh, way to go.

16 MR. MCGROARTY: So I'll let them do
17 the job here today.

18 CHAIRMAN JOHNSTONE: The pressure's
19 on.

20 MR. KRONK: I've actually printed it
21 in a scale that I can't scale it, so...

22 CHAIRMAN JOHNSTONE: Wonderful.

23 Okay, let's move on. The question will
24 remain open. By the next meeting, get back to us as
25 to the dimensions of the silo, the circumference of

1 the silo, the height of the silo.

2 MR. KRONK: Oh, those, I know. The
3 diameter is 30 feet --

4 CHAIRMAN JOHNSTONE: Okay.

5 MR. KRONK: -- and it's 86 to the
6 top --

7 CHAIRMAN JOHNSTONE: Okay.

8 MR. KRONK: -- and 87 to the vent on
9 the top.

10 CHAIRMAN JOHNSTONE: Okay.

11 MR. MORIARTY: Thank you. No other
12 questions.

13 CHAIRMAN JOHNSTONE: Okay. Next?

14 Yes, sir.

15 MR. RAHENKAMP: Mr. Kronk, I'm
16 confused. The documents say there are 12 antenna.

17 MR. KRONK: Correct.

18 MR. RAHENKAMP: Are those all Verizon?

19 MR. KRONK: Correct. Yes. On the
20 windmill, you can see there is 12 antennas located
21 at the 120-foot elevation. All 12 of those antennas
22 are Verizon Wireless, and in the simulations for the
23 silo, you would not see the antennas because they
24 would be on the interior.

25 MR. RAHENKAMP: So on a windmill,

1 there would be 12 for Verizon plus multiple
2 carriers.

3 MR. KRONK: If there was additional
4 carriers there, yes, they would have --

5 MR. RAHENKAMP: Could we --

6 MR. KRONK: -- additional antennas.

7 MR. RAHENKAMP: Could we get a
8 depiction of the maximum number of antenna and the
9 coax or conduit running through that?

10 MR. KRONK: I believe the Chairman was
11 already insinuating that we needed that.

12 MR. MEESE: And just so you know, that
13 will not be accurate because we won't know who --

14 MR. RAHENKAMP: I understand.

15 MR. MEESE: -- what other carriers are
16 going to come; it's going to be a guess of a future
17 tower with future antennas.

18 MR. RAHENKAMP: It would be worst-
19 case.

20 MR. MEESE: All right? Because we
21 won't know who comes so we're going to have to have
22 Mr. Kronk kind of guess what carriers would come and
23 collocate at the site.

24 MR. RAHENKAMP: I understand. That's
25 all I have.

1 CHAIRMAN JOHNSTONE: Thank you, sir.

2 Yes, sir.

3 MR. LARSEN: I have a couple
4 questions, sir. Number one, the proposal, as I'm
5 going to dovetail off of Mr. Bernstein, Blake and
6 this gentleman here, you're proposing 12 antennas.
7 Those 12 antennas are six feet high, a foot and a
8 half wide, nine inches deep, correct?

9 MR. KRONK: Yes.

10 MR. LARSEN: Okay. At 120 foot high,
11 that's the line of sight, the pathway, correct? And
12 that's the optimum, right? That's the best,
13 correct?

14 MR. KRONK: The RF engineer this
15 evening will provide testimony to the need at that
16 elevation, yeah.

17 MR. LARSEN: Okay, so now you're --
18 there's a maximum of three other carriers at 12
19 antenna each also, correct?

20 MR. KRONK: Yes.

21 MR. LARSEN: At the same size antenna,
22 correct?

23 MR. KRONK: They can vary with the --

24 MR. LARSEN: Okay, and they'll be at
25 different levels, correct?

1 MR. KRONK: Correct.

2 MR. LARSEN: So there won't be optimal
3 pathways of sight, correct?

4 MR. KRONK: I cannot testify to the
5 radio frequency requirements of another carrier, no,
6 I can't.

7 MR. LARSEN: Okay. So in reality,
8 though, from what I see with pushback, is that it's
9 not really the 12 antenna; as a businessperson and I
10 would imagine what Verizon would do, they're going
11 to max out the antenna, usually, correct? If they
12 can. That's where you get the money, correct?

13 MR. MEESE: As you know, oftentimes,
14 the carrier, after constructing a facility, you
15 know, sell it off. Here, we have a tower company --

16 MR. LARSEN: Well, if you sell it off,
17 it doesn't matter because they're going to max it
18 out, whoever buys it, correct? That's the intent.

19 MR. MEESE: Yeah --

20 MR. LARSEN: That's why you're making
21 a structure handle up to four carriers, correct?

22 MR. MEESE: The reason -- yeah. The
23 reason that you want a structure capable of handling
24 other antennas is every wireless ordinance, I think
25 in the State of New Jersey, if not in the country,

1 fosters collocation, rather than --

2 MR. LARSEN: No, no, no, I fully
3 understand. I just want the public to understand
4 there's going to be 48 antennas up there,
5 eventually.

6 CHAIRMAN JOHNSTONE: Maximum.

7 MR. LARSEN: That's what I'm saying.

8 CHAIRMAN JOHNSTONE: Maximum.

9 MR. MEESE: Right now, there's -- I
10 think there's four wireless carriers that are still
11 in the market, so assuming they would all come here
12 and assuming they would all want 12 antennas, then,
13 you know --

14 MR. LARSEN: Over time, let's say over
15 time, it's very, very possible to have 48 antenna,
16 correct? Ten years, eight years, whatever.

17 MR. MEESE: There could be a need for
18 municipal antennas or other --

19 MR. LARSEN: Okay, whatever.
20 Whoever's antennas they are. 48 --

21 CHAIRMAN JOHNSTONE: In all fairness
22 to you, you could have a minimum of 12 and a max of
23 48.

24 MR. MEESE: I think that's a guess of
25 it but, yeah, that's about right --

1 CHAIRMAN JOHNSTONE: Yeah.

2 MR. MEESE: -- and that's why you want
3 to look at a structure that's designed to
4 accommodate flexibility with respect to --

5 MR. LARSEN: I understand.

6 CHAIRMAN JOHNSTONE: I understand
7 that.

8 MR. LARSEN: Well, the reason why I'm
9 asking the question is because when the Chairman
10 asked about the flagless flagpole, it seemed that he
11 didn't like that idea because it only holds enough
12 for Verizon. That's why I asked that. And that's
13 the less intrusive, okay?

14 My last question is: When we were out
15 on the site, the Chairman had asked that the balloon
16 stay until the afternoon, later afternoon, so the
17 citizens could see the height of the different
18 antennas. You set it only from 9 to 11, so you took
19 them down early. We requested you to leave them up
20 later. Did you leave them up later or did you take
21 them down?

22 MR. KRONK: They were left later. I
23 actually was not there later on.

24 MR. LARSEN: Till what time?

25 MR. KRONK: Yeah.

1 MR. LARSEN: Till what time?

2 MR. KRONK: You know what? I left
3 somebody to take it down, I don't remember the time.

4 MR. LARSEN: No, because you testified
5 from 9 to 11 that they were up until, so that's why
6 I'm asking.

7 MR. KRONK: That was the original time
8 frame and that's what I had in my notes and you are
9 correct, it was requested that it stay longer and it
10 was left up longer, I don't know until what time.

11 MR. LARSEN: So we don't know then.

12 MR. KRONK: I will find out what time
13 it was left until.

14 MR. LARSEN: Thank you so much.

15 CHAIRMAN JOHNSTONE: Any other
16 questions on the Board of the witness at this time?

17 (No response)

18 CHAIRMAN JOHNSTONE: All right, seeing
19 no one else on the Board, how many in the public,
20 questions of this witness? Raise your hands.

21 (Members of the public raise hands)

22 CHAIRMAN JOHNSTONE: Okay. What we're
23 going to do is I'm going to start with this side
24 first, row by row, and then I'll go to this side and
25 go by row, and then next time, the next witness,

1 I'll start on this side and so on and so forth. All
2 right? So we'll start here. Give us your name,
3 please, and given us the question.

4 MR. BERNSTEIN: Mr. Chairman?

5 CHAIRMAN JOHNSTONE: Yes.

6 MR. BERNSTEIN: Can you tell them it's
7 just based on his testimony tonight?

8 CHAIRMAN JOHNSTONE: Yes, it is.
9 You're only questioning this man on his testimony.

10 MR. REGAN: Brian Regan. I have two
11 questions, Mr. Kronk.

12 (Court reporter asks for spelling of last
13 name)

14 MR. REGAN: R-E-G-A-N.

15 COURT REPORTER: Thank you.

16 MR. REGAN: The first question
17 concerns your comment about the silo being
18 conceptual at this stage in design.

19 MR. KRONK: Yes.

20 MR. REGAN: So in regard to whether --
21 or how many cellular carriers it could actually
22 accommodate. But do you know what the other silos
23 in this area, like the Amwell, actually accommodate?
24 Do they accommodate four carriers currently?

25 MR. KRONK: I do not know how many

1 carriers are in Amwell, no.

2 MR. REGAN: Okay. The second
3 question: On the number of antenna, how many, in
4 your experience, towers have you advised on that
5 have all four carriers on them? Particularly in
6 this area where it's rural geography and the premise
7 is one carrier coming in and building a tower or a
8 contractor building a tower for initially one
9 carrier, but ultimately, in your experience, in this
10 area of New Jersey, how many towers have you
11 consulted on that have ultimately had all four
12 carriers?

13 MR. KRONK: I'd say over 50 percent of
14 the towers now have at least four carriers.

15 MR. REGAN: Okay. Thank you.

16 CHAIRMAN JOHNSTONE: To follow up on
17 that question, how many of the other 50 percent have
18 three carriers? No, I'm not kidding.
19 Realistically. If 50 percent have four carriers,
20 what's the other 50 percent --

21 MR. KRONK: I am guessing at this
22 point.

23 CHAIRMAN JOHNSTONE: Oh, you are.
24 Okay, fair enough. You're guessing.

25 MR. KRONK: I'm guessing.

1 CHAIRMAN JOHNSTONE: Okay. Good
2 question. Any other questions, sir?

3 MR. REGAN: That's it. Thank you.

4 CHAIRMAN JOHNSTONE: Anybody else in
5 the first row?

6 (No response)

7 CHAIRMAN JOHNSTONE: Second row. Yes,
8 ma'am.

9 MS. TODD: Barbara Todd.

10 CHAIRMAN JOHNSTONE: Barbara Todd?

11 MS. TODD: Barbara Todd.

12 COURT REPORTER: T-O-D-D?

13 MS. TODD: Yes.

14 COURT REPORTER: Thank you.

15 MS. TODD: Okay. I am still confused
16 about how many towers you have actually been
17 involved with. You didn't answer Mr. Bernstein, you
18 didn't answer this man either.

19 MR. KRONK: I just answered.

20 MS. TODD: No, you did not. You
21 skirted the question. So I'd like to know, in your
22 best opinion, is it two, fifty or a hundred towers
23 that you've actually been involved in, in your
24 opinion, in getting approvals or your experience in
25 your business, because it's still very vague about

1 your qualifications here.

2 MR. MEESE: Your best guess as to how
3 many tower applications you've testified on.

4 CHAIRMAN JOHNSTONE: To refresh your
5 recollection, you told us that you had testified
6 over 300 times.

7 MR. KRONK: 300 municipalities.

8 CHAIRMAN JOHNSTONE: Municipalities.

9 MR. KRONK: Yes. But not all of them
10 are towers. 250 would be a good ballpark.

11 MS. TODD: 250 towers.

12 MR. KRONK: So yes, you had a good
13 guess there.

14 MS. TODD: Okay. And my second
15 question is: These tables are approximately eight
16 feet long each, just for people to understand width,
17 so if you would add another table, it would be 32
18 feet. So for those of you who don't understand the
19 width, visually, that's how long or wide they're
20 proposing.

21 CHAIRMAN JOHNSTONE: You're referring
22 to the circumference of the --

23 MS. TODD: Yes.

24 CHAIRMAN JOHNSTONE: -- of the --

25 MR. MEESE: The diameter.

1 MR. KRONK: Diameter.

2 CHAIRMAN JOHNSTONE: The diameter,
3 pardon me. The diameter, pardon me. That's why I
4 never did well in math.

5 MS. TODD: And then the other question
6 I have and I want it to also be to Mr. Bernstein's
7 question -- or, no, Mr. Johnstone's question, are
8 there any other towers or facilities to house
9 antenna, other than a flagpole, that one can be used
10 as an alternative? I'm not -- I understand the
11 flagpole, I understand the windmill, I understand a
12 silo, but are there any other ones that could
13 perform the same as the one --

14 MR. KRONK: There's a regular monopole
15 structure, a --

16 MR. MEESE: Could you just describe
17 what a regular monopole structure --

18 MR. KRONK: Oh, a monopole is the
19 galvanized steel pole that has the arrays on the
20 outside where you see the antennas.

21 MS. TODD: Is there any other
22 technology out there that might not be a pole that
23 goes up 240 feet from sea level or anything --

24 MR. KRONK: There's a bell --

25 MS. TODD: -- that's less intrusive?

1 MR. KRONK: There's a bell tower over
2 in Mendham.

3 MS. TODD: A bell tower.

4 MR. KRONK: Bell tower.

5 MS. TODD: And anything --

6 MR. KRONK: In the southwest, they use
7 palm trees. There's --

8 MR. MEESE: Pine trees.

9 MR. KRONK: -- pine trees, monopines,
10 like along the Parkway where you see the trees with
11 the branches.

12 MS. TODD: And in your opinion, the
13 least offensive would be a monopole or a flagpole?

14 MR. KRONK: No, I said the flagless
15 flagpole is the structure that's the -- is the
16 smallest in terms of the visual impact because it's
17 very tight, but as I mentioned, it does have
18 problems with limiting space because, once again,
19 Verizon needs 12 antennas at this location, the
20 canisters have to be 10 feet, so they would take up
21 40 feet on a flagpole.

22 MS. TODD: And is there a reason why
23 Verizon needs to have other carriers on its pole?

24 MR. MEESE: Well, the reason is that,
25 if not, the community will end up with multiple

1 poles somewhere in the general area.

2 CHAIRMAN JOHNSTONE: Another reason is
3 it's economically more feasible for them to have
4 three other carriers on there paying for it.

5 MS. TODD: Well, that, I understand,
6 but that --

7 CHAIRMAN JOHNSTONE: That's the
8 business side of it.

9 MS. TODD: Right, but --

10 MR. KRONK: The planning side of it is
11 the next carrier that has a need in the area comes
12 in, goes to the flagpole, says "Oh, there's no room
13 there, I guess I'll have to," you know, "make
14 application for another tower." So from a planning
15 perspective --

16 CHAIRMAN JOHNSTONE: Those are the two
17 choices you have. You either have multiple on one
18 pole or you have multiple poles.

19 MS. TODD: Okay, that's --

20 CHAIRMAN JOHNSTONE: Assuming there's
21 a demand in this area.

22 MS. TODD: Right, which you haven't
23 even --

24 CHAIRMAN JOHNSTONE: Well, we know
25 from his testimony, 50 percent of the time, you've

1 got four on a particular structure.

2 MS. TODD: Right, but we can't ask
3 them that question.

4 CHAIRMAN JOHNSTONE: No, we did. He
5 said 50 percent, but he couldn't go beyond that as
6 to how many would have three or how many have two.

7 MS. TODD: Right.

8 CHAIRMAN JOHNSTONE: Any other
9 questions? Yes, sir.

10 MR. LANG: Yes. Technology and
11 architecture --

12 CHAIRMAN JOHNSTONE: Name, sir.

13 MR. LANG: Niles Lang, 34 Burrell
14 Road. Niles, N-I-L-E-S, Lang, L-A-N-G.

15 (Court reporter asks Mr. Lang to repeat his
16 address)

17 MR. LANG: 34 Burrell Road.

18 COURT REPORTER: Thank you.

19 MR. LANG: The architecture, last time
20 there was testimony to the effect that the silo is
21 going to be 60 feet to accommodate or to encompass
22 or surround the entire base. You're telling us now
23 that the base is going to be -- or that the silo's
24 only going to be 30 feet, it's going to be half that
25 diameter, and what's going to happen to the other 30

1 feet? Is it going to be in the shed?

2 MR. KRONK: The conceptual plans that
3 were submitted for the silo by the architect to the
4 Board had a 30-foot diameter silo. He has two
5 future collocators depicted with their equipment
6 inside the base of the silo. He has a barn
7 structure outside the silo that was shown on the
8 photo simulations where the Verizon equipment would
9 be proposed.

10 MR. LANG: But again, why did he
11 mention it was going to be 60 feet?

12 MR. KRONK: I --

13 MR. LANG: And you said that numerous
14 times. So it's 60 feet versus 30 feet. If this is
15 30 feet --

16 MR. KRONK: If the Board wants us to
17 pursue the silo option over the windmill option, Mr.
18 Colasurdo will be back and he will have to prepare
19 full engineering drawings for the silo, he will be
20 back to provide testimony for it. Once again, I am
21 addressing the visual impacts of the silo versus the
22 windmill based upon the conceptual plans that Mr.
23 Colasurdo submitted.

24 MR. LANG: Okay. Technology. If this
25 is rendered obsolete in five years or ten years, if

1 you're telling us that only 50 percent of these
2 towers have all four carriers on them and there are
3 only four principal carriers at this point, isn't it
4 logical that at 140 feet, we're overbuilding a
5 tower, that there's a 50 percent chance that we're
6 overbuilding a tower?

7 MR. KRONK: No, because the radio
8 frequency engineer for Verizon Wireless will explain
9 to you tonight why he needs that elevation.

10 MR. LANG: So are you building it for
11 Verizon or are you building it for the other
12 carriers?

13 MR. KRONK: Verizon is the FCC-
14 licensed applicant on this application.

15 MR. LANG: Okay.

16 MR. MEESE: Just so you --

17 MR. KRONK: So he'll provide testimony
18 on why Verizon requires that height.

19 MR. MEESE: The height is driven by
20 Verizon Wireless's needs and the radio frequency
21 engineer who's here tonight will discuss why that
22 height is needed. What the applicant's trying to do
23 with respect to the structure and the siting is to
24 accommodate collocation so that the community does
25 not end up with three or four different towers.

1 MR. LANG: No, I understand.

2 MR. MEESE. They try to keep it in one
3 location. So that's why the silo was proposed,
4 that's why the windmill was proposed, because these
5 are two alternatives that do allow for the
6 collocation.

7 MR. LANG: No. My --

8 MR. MEESE: But the height is driven
9 just by the Verizon Wireless need.

10 MR. LANG: Understood.

11 CHAIRMAN JOHNSTONE: Any other
12 questions in the first row?

13 (No response)

14 CHAIRMAN JOHNSTONE: Second row. Yes,
15 ma'am.

16 (Whereupon the court reporter asks that
17 people in the second row and beyond stand up so that
18 she can hear them.)

19 MS. REGAN: Michelle Regan, R-E-G-A-N.

20 Um, my question is in terms of -- in
21 regards to the materials used for construction. I'm
22 sorry if I misunderstood but does any part of the
23 material need to be transparent?

24 MR. KRONK: Yes.

25 MS. REGAN: What part?

1 MR. KRONK: Where the antennas are
2 located needs to be a radio-frequency-friendly
3 material.

4 MS. REGAN: So how -- what -- so you
5 would be able to see into it?

6 MR. KRONK: No, no, it just needs to
7 be radio frequency transparent, not transparent --
8 not translucent.

9 MS. REGAN: So visually to us on the
10 street, it would just look --

11 MR. KRONK: Yes, you would not even
12 know the antennas are there, correct.

13 MS. REGAN: Okay.

14 CHAIRMAN JOHNSTONE: Any other
15 questions in the second row? Yes, sir.

16 MR. COCOZIELLO: What is the --

17 CHAIRMAN JOHNSTONE: Your name --

18 MR. BERNSTEIN: Your name and address.

19 CHAIRMAN JOHNSTONE: Everybody give
20 your name and address.

21 MR. COCOZIELLO: Peter Coccoziello, 6
22 Old Farm Lane.

23 What is the lowest elevation on the
24 property, the entire piece of property?

25 MR. KRONK: I -- I don't even know

1 that.

2 MR. COCOZIELLO: What is the highest
3 elevation on the property?

4 MR. KRONK: I'd say probably where the
5 silo is proposed.

6 MR. COCOZIELLO: What is the base
7 elevation of the proposed silo?

8 MR. STERN: 405?

9 MR. KRONK: The base is --

10 MR. STERN: 405? 405.

11 MR. KRONK: 405, is what the radio
12 frequency engineer has provided me with.

13 MR. COCOZIELLO: So that's the base.
14 So it's 405 plus whatever it winds up being.

15 MR. KRONK: Plus the 80 feet to the
16 centerline of the proposed Verizon antennas.

17 MR. COCOZIELLO: What's the height of
18 the trees at that elevation in that particular area?

19 CHAIRMAN JOHNSTONE: There is no
20 trees.

21 MS. CZAJKOWSKI: No trees.

22 CHAIRMAN JOHNSTONE: If you're talking
23 about at the top of the hill, there are no trees.

24 MR. COCOZIELLO: The trees that are on
25 the back side of the Stavola Quarry.

1 CHAIRMAN JOHNSTONE: Oh, okay. He's
2 referring to the area that I was talking to you
3 about. The lower part of the picture where the blue
4 dot is, bring it further south. What are -- yeah,
5 down there. What are the size of the trees there?

6 MR. KRONK: Those are probably a
7 maximum of 60 foot.

8 MR. COCOZIELLO: So how many feet
9 would it be above the tree line in that area?

10 MR. KRONK: The current antennas are
11 -- on the windmill are proposed at 120. If the
12 trees are 60, it would be 60 feet above the tree
13 line.

14 MR. COCOZIELLO: What do you think the
15 slope is on the property?

16 MR. KRONK: I have not analyzed it,
17 I'm purely here to testify on the visual comparisons
18 between those two proposals this evening.

19 MR. COCOZIELLO: Based on, you know,
20 historical context that this town kind of has in
21 that area, what is the typical height of a silo, of
22 a barn or a structure that would be typical to, you
23 know, a piece of property like this?

24 MR. KRONK: I'd say an average barn in
25 the area would probably be 30 feet.

1 MR. COCOZIELLO: All right.

2 CHAIRMAN JOHNSTONE: Are you talking
3 about the barn or the silo?

4 MR. COCOZIELLO: The silo on the barn.

5 CHAIRMAN JOHNSTONE: That's what he
6 was asking. You were talking about the barn.

7 MR. KRONK: Oh, the barn and the silo?

8 CHAIRMAN JOHNSTONE: No, what's the --

9 MR. COCOZIELLO: If I was building a
10 silo on a barn, how tall would it be? Typically, I
11 mean...

12 MR. KRONK: I'm -- I am not familiar
13 with the -- that type of silo. I'm working with a
14 wireless telecommunications silo. In this case, the
15 height of it's driven by the radio frequency needs
16 and the engineer will testify to that later.

17 CHAIRMAN JOHNSTONE: I think what he's
18 asking you is, in the area -- in terms of doing your
19 investigation, did you evaluate the size or the
20 height of the surrounding silos in terms of
21 diameter --

22 MR. KRONK: No, I haven't.

23 CHAIRMAN JOHNSTONE: -- and in terms
24 of height?

25 MR. KRONK: No, I haven't.

1 CHAIRMAN JOHNSTONE: Okay.

2 MR. KRONK: But if we get to a point
3 where I come back for planning testimony and we're
4 proceeding with the silo location --

5 CHAIRMAN JOHNSTONE: Okay.

6 MR. KRONK: -- then that's something I
7 certainly would do.

8 CHAIRMAN JOHNSTONE: That's fine.

9 MR. KRONK: Here, we're just trying to
10 present the two options in a visual manner and see
11 which one the Board is more interested in --

12 CHAIRMAN JOHNSTONE: Okay.

13 MR. KRONK: -- so that's something --

14 CHAIRMAN JOHNSTONE: Okay. I gave you
15 the answer to your question anyway. He doesn't have
16 an answer at this point.

17 MR. COCOZIELLO: At that elevation,
18 are there any structures in the surrounding area
19 that are that sort of height?

20 MR. KRONK: No.

21 MR. COCOZIELLO: If this was a farm,
22 would somebody build a silo or something that even
23 looked like a silo in that kind of location, on that
24 piece of property? From a planning/historic, you
25 know, contextual relationship to the community.

1 MR. KRONK: From a farming
2 perspective?

3 MR. COCOZIELLO: Yeah.

4 MR. KRONK: I probably would not build
5 a silo on top of the ridge, no.

6 MR. COCOZIELLO: All right.

7 CHAIRMAN JOHNSTONE: Any other
8 questions?

9 (Mr. CocozIELLO nods.)

10 CHAIRMAN JOHNSTONE: Thank you.
11 Anybody else in that row?

12 (No response)

13 CHAIRMAN JOHNSTONE: All right, third
14 row. Any questions? No hands. Yes, sir.

15 MR. CASSA: George Cassa, Guinea
16 Hollow Road.

17 (Court reporter asks for spelling of last
18 name)

19 MR. CASSA: C-A-S-S-A.

20 COURT REPORTER: Thank you.

21 MR. CASSA: When you testified about
22 the RF-transparent materials at the upper end of the
23 tower, you mentioned that the lower end could be
24 steel. Are the materials that are radio frequency
25 transparent at the upper end of the silo

1 combustible?

2 MR. KRONK: That would be a question
3 you'd have to ask the engineer when he comes back.

4 MR. CASSA: Do you know what those
5 materials might be?

6 MR. KRONK: It's a fiberglass type
7 material.

8 MR. CASSA: Okay. Thank you. Well,
9 then how far down would that go from the dome?

10 MR. KRONK: It has to be -- you know,
11 once again, we're still in the conceptual phases,
12 and if we are proceeding with the silo location, we
13 would have complete engineering drawings so we would
14 be able to answer those questions more accurately at
15 a later date.

16 MR. CASSA: Thank you.

17 CHAIRMAN JOHNSTONE: Anybody else in
18 that row? Yes, ma'am.

19 MS. LOVE: Robin Love, 7 Wildwood
20 Road.

21 When you were answering Ms. Devlin's
22 question about photographs from northern points
23 outside of Oldwick Village, you said that you saw a
24 tree line so you decided not to photograph or to
25 depict in your presentation areas perhaps near Hill

1 and Dale Road looking towards the farm. What tree
2 line were you talking about, in the foreground or in
3 the background?

4 MR. KRONK: It may have been in the
5 background, but from the angle, I remember the
6 balloon being right on the tree line and, you know,
7 from that distance, it was very hard to, you know,
8 discern it.

9 MS. LOVE: Um-hum. If you don't have
10 photographs already when you look and see what
11 you've got, I would want to see as well, as Mr.
12 Johnstone, that you have other photographs -- you
13 might consider --

14 MR. KRONK: I will submit the
15 additional photographs.

16 MS. LOVE: You might consider other
17 photographs, but if you look right now and see,
18 you'll be able to see the knoll in all its
19 prominence and its setting for the location that I'm
20 talking about, from Hill and Dale Road, because it's
21 snow covered and it's very high impact, that there
22 are no trees that would be in the way of that knoll
23 from the public right-of-way. So I would love to
24 know if you have those pictures.

25 MR. KRONK: Okay, we will submit those

1 --

2 MS. LOVE: If you don't, it would be
3 great to be able to get some.

4 MR. KRONK: We will submit those
5 photos, yes.

6 MS. LOVE: Even though it wouldn't be
7 with the balloon, we could still have a context of
8 the knoll.

9 And a similar question I had in my mind
10 about is it a normal spot for a silo, a farm-related
11 silo to be located on a ridge line and you answered
12 that, but what made me think then about that answer
13 was, then would this silo be more likely to be
14 interpreted as an industrial aesthetic versus rural
15 since it doesn't really have a rural purpose on a
16 ridge line? Would it then -- is it gray? I think
17 it's gray.

18 MR. KRONK: Once again, we're in the
19 conceptual phase --

20 MS. LOVE: In your photo, it's gray.

21 MR. KRONK: -- and the photo
22 simulations were rendered in a concrete, so yes, in
23 a gray material for the base.

24 MS. LOVE: And that's the intention
25 for the color, to be a gray color, it's not red? I

1 mean, silos are usually red, as are industrial
2 buildings.

3 MR. KRONK: I think we're looking for
4 this one to blend in and not stand out.

5 MS. LOVE: Good luck with that.

6 MR. KRONK: It could be whatever color
7 the Board wants it. How's that?

8 CHAIRMAN JOHNSTONE: Any other
9 questions --

10 MS. LOVE: Thank you.

11 CHAIRMAN JOHNSTONE: -- in that row?
12 Yes, ma'am.

13 MS. CLARK: Jan Clark, 24 Fox Hill
14 Road.

15 You made reference to a bell tower in
16 Mendham --

17 MR. KRONK: Yes.

18 MS. CLARK: -- and I know there's some
19 kind of a tower over in Quakertown, which I drove
20 by, but could you provide us with a list of various
21 types of facilities that we could drive by in the
22 general area, four or five counties around?

23 MR. KRONK: We can put together a
24 list.

25 MS. CLARK: Pardon me?

1 MR. KRONK: Yes.

2 MS. CLARK: You could. Thank you.

3 CHAIRMAN JOHNSTONE: Anyone else in
4 that row? Yes, ma'am.

5 MS. LEUNG: Marilyn Leung, 216
6 Cokesbury Road.

7 (Court reporter asks for spelling of last
8 name)

9 MS. LEUNG: L-E-U-N-G.

10 COURT REPORTER: Thank you.

11 MS. LEUNG: I wasn't hear at the last
12 meeting so I don't know, was anything presented that
13 shows that there is a need, Verizon has a need for
14 --

15 CHAIRMAN JOHNSTONE: We haven't gotten
16 there yet.

17 MR. KRONK: That will be this evening.
18 The radio frequency engineer is here.

19 MS. LEUNG: Because it seems like
20 we're discussing the cart, you know, before the
21 horse.

22 CHAIRMAN JOHNSTONE: So you understand
23 --

24 MS. LEUNG: If there's no need for a
25 cell --

1 CHAIRMAN JOHNSTONE: Stop. So you
2 understand, the applicant has the right to present
3 their case any way they so choose. They elected to
4 start off with the architect and now they have
5 brought in the planner as well, so... But these
6 questions will be asked and answered at some point
7 in time once we have the appropriate witness.

8 MS. LEUNG: Okay, thank you.

9 CHAIRMAN JOHNSTONE: You're welcome.
10 Anyone else in that row?

11 (No response)

12 CHAIRMAN JOHNSTONE: Next row.

13 (No response)

14 CHAIRMAN JOHNSTONE: The row after
15 that? Yes, sir.

16 MR. SUGG: Michael Sugg, S-U-G-G, 15
17 Ridge Road.

18 I just had a question about, this is
19 on a 405-foot ridge, with 87 feet on top of that.
20 Has there been any thought to a requirement for
21 aviation lighting on top of this tower --

22 MR. KRONK: The --

23 MR. SUGG: -- for nighttime --

24 MR. KRONK: The other -- the windmill
25 location had had an FAA analysis performed, and at

1 that location, there was no lighting required, so it
2 would be very unlikely, if moving that short
3 distance at the same above-sea-level elevation, that
4 it would be required.

5 MS. LEUNG: Thank you.

6 CHAIRMAN JOHNSTONE: Any other
7 questions in that row?

8 (No response)

9 CHAIRMAN JOHNSTONE: Any other
10 questions on that side of the room? Yes, sir.

11 MR. SCHILLER: Andrew Schiller, Old
12 Drift Way Lane, Tewksbury.

13 (Court reporter asks for spelling of last
14 name)

15 MR. SCHILLER: S-C-H-I-L-L-E-R.

16 COURT REPORTER: Thank you.

17 MR. SCHILLER: I want to thank you for
18 those photographs, they look very -- they're very
19 detailed, but I actually found them, as a member of
20 the public, difficult to interpret and I think that
21 the Land Use Board is probably going to have a
22 similar problem with them.

23 As an expert, you've testified, you
24 said 250 times, plus or minus, for applicants and,
25 obviously, you've taken a lot of photos and photo

1 simulations. What's your opinion of a slightly
2 wider-angle lens if you took a photo? What would
3 that do to the visual impact on all these photos?

4 MR. KRONK: What it would do is that
5 it would distort it from the settings that we're
6 using trying to replicate the human eye. Your human
7 eye is not a wide-angle lens, so then you would
8 create a photo that's really different than what you
9 see.

10 MR. SCHILLER: So would it make it a
11 less impact on the photos?

12 MR. KRONK: Yes, because you'd be
13 bringing in more periphery into your -- into your
14 eye area, so yes, it would lessen it.

15 MR. SCHILLER: So what was the focal
16 length of your camera, because it's so difficult to
17 get an idea if some of them were wide angle, if some
18 of them were -- you just can't tell. What focal
19 length do you specifically use when you take these
20 photo simulations so frequently?

21 MR. KRONK: It's a digital equivalent
22 of a 35-millimeter with a digital equivalent 50, um,
23 five zero focal line.

24 MR. SCHILLER: So it's equivalent to
25 50.

1 MR. KRONK: So it's trying to most
2 accurately replicate the human eye without any
3 distortion, and that's why I said there's no
4 telephoto and no wide angle.

5 MR. SCHILLER: So what's the
6 magnification on these? Is there any magnification?

7 MR. KRONK: No.

8 MR. SCHILLER: So I just think -- you
9 know, the photos are helpful but I think that that
10 information needs to be on them since it's very easy
11 to go a little wider angle and we just don't know
12 what, you know, from looking at the photos, what
13 photo lens was used, and if they're a wider angle,
14 the Board has no way of really assessing the impact,
15 the visual impact.

16 CHAIRMAN JOHNSTONE: Do you have
17 another question, sir? Do you have any other
18 questions?

19 MR. SCHILLER: That's all I have.

20 CHAIRMAN JOHNSTONE: Thank you.
21 Anybody else in that row? Anybody else on this side
22 of the room?

23 (No response)

24 CHAIRMAN JOHNSTONE: I see no hands
25 raised, I'll move to this side of the room. The

1 first row is taken. The second row. Yes, ma'am,
2 you're first. Ladies first.

3 MS. MARRAN: Nadine Marran, 9 Roundtop
4 Road.

5 (Court reporter asks for the name to be
6 repeated and spelled)

7 MS. MARRAN: Nadine Marran. Last
8 name, M-A-R-R-A-N.

9 (Court reporter asks for first name to be
10 repeated)

11 MS. MARRAN: Nadine.

12 (Court reporter asks for address to be
13 repeated)

14 MS. MARRAN: 9 Roundtop Road.

15 COURT REPORTER: Thank you.

16 MS. MARRAN: Is the electrical going
17 to be run underground?

18 MR. KRONK: That's not -- that's for
19 the engineer when he returns.

20 MS. MARRAN: Okay, you said, for
21 visual impact, you're trying to represent and I just
22 thought I'd ask that.

23 MR. KRONK: And he's going to tell you
24 that we actually won't know definitively till the
25 power company comes out. So we can -- we can

1 request it underground, but when they come out, the
2 utility company tells us where it goes.

3 MS. MARRAN: Okay. How about the
4 access road?

5 MR. KRONK: The access road? Once
6 again, we're here to discuss the two locations kind
7 of conceptually. If we get some direction from the
8 Board, we will, you know, follow up on the access
9 road issue because if we go with the silo location
10 on top of the ridge, we have to change our
11 engineering drawings totally so it would be a
12 different access road. So based upon the feedback
13 we get tonight, we will have to revise the
14 engineering drawings.

15 MS. MARRAN: Okay. So I heard --

16 CHAIRMAN JOHNSTONE: But Ms. Marran,
17 so you understand, we did discuss that at the site
18 walk. The access road at the location is off of
19 King Street. That's where they'll be going into
20 that property.

21 MS. MARRAN: The general entrance now
22 to the farm?

23 CHAIRMAN JOHNSTONE: Right. No.
24 Further --

25 MS. MARRAN: A new one?

1 CHAIRMAN JOHNSTONE: Further to the
2 west going towards the hill, away from the farm area
3 up towards the -- where the curve is.

4 MS. MARRAN: Near 27? King Street?

5 CHAIRMAN JOHNSTONE: Yeah, towards the
6 curve, up the hill.

7 MS. MARRAN: Okay. And then I guess
8 my question was just because I live in that
9 neighborhood, are -- are -- I mean, obviously,
10 maintenance and routine adjustments to the antenna,
11 antenna equipment, is typically done off peak so
12 there'll be cars coming and going.

13 MR. KRONK: This type of facility,
14 once it's constructed, will only be visited by a
15 technician once every four to six weeks.

16 MS. MARRAN: Is there set hours that
17 they come or it's not defined?

18 MR. KRONK: If it's routine
19 maintenance, it would be during business hours. If
20 it was some type of emergency, they could come out
21 in off-business hours.

22 CHAIRMAN JOHNSTONE: Let me just
23 clarify something. That's -- you said once four to
24 six weeks. That's for one provider.

25 MR. KRONK: It's for a carrier, yeah.

1 MS. MARRAN: Okay.

2 CHAIRMAN JOHNSTONE: It could be up to
3 four.

4 MR. KRONK: But for this applicant,
5 it's once every four to six weeks.

6 CHAIRMAN JOHNSTONE: I understand
7 that. I just want the public to understand,
8 whatever he says, it's double or triple that or
9 quadruple depending upon how many carriers are on
10 there.

11 MS. MARRAN: Does the township get to
12 define what --

13 CHAIRMAN JOHNSTONE: Well, if we get
14 that far, we'll deal with it.

15 MS. MARRAN: Okay.

16 MR. LARSEN: Mr. Chairman, also,
17 there's air-conditioning maintenance that has to be
18 taken care of, so you'll have those guys, too,
19 coming.

20 CHAIRMAN JOHNSTONE: Yeah. When we
21 get that far, we'll get that far.

22 Any other questions in the second row?
23 Yes, sir.

24 MR. SIMON: Can I use the lectern, by
25 any chance?

1 CHAIRMAN JOHNSTONE: Sure.

2 MR. SIMON: Thank you.

3 Good evening, ladies and gentlemen of
4 the Board. For the record, Rob Simon from Herold
5 Law on behalf of Mr. and Mrs. Hone, 18 King Street
6 in Oldwick, and Mr. and Mrs. Palmer, 13 Main Street
7 in Oldwick.

8 Mr. Kronk -- where is he?

9 MR. KRONK: Yes.

10 MR. SIMON: You've never testified in
11 opposition to a cell tower application, correct?

12 MR. KRONK: Asked and answered.

13 MR. SIMON: Yes or no, sir? In your
14 250, were they all in favor of a cell carrier?

15 MR. KRONK: Yes.

16 MR. SIMON: Did you ever determine in
17 a public setting that a cell applicant failed to
18 meet the applicable criteria for any type of
19 variance relief?

20 MR. KRONK: If I make my determination
21 prior to proceeding with an application that I'm not
22 comfortable with it, I do not proceed with it.

23 MR. SIMON: Have you ever done that
24 before?

25 MR. KRONK: Yes.

1 MR. SIMON: How many times?

2 MR. KRONK: Several dozen.

3 MR. SIMON: Out of the 250.

4 MR. KRONK: Um-hum.

5 MR. SIMON: And tonight your testimony
6 has nothing to do with any type of variance relief,
7 correct? It's just purely for the simulations and
8 whatever else you testified to, right?

9 MR. KRONK: Yes.

10 MR. SIMON: Okay. And you keep saying
11 and you said it in different ways, "We're here to
12 get some direction from the Board." I'm not
13 understanding. If you're -- you're a Professional
14 Planner in the State of New Jersey, correct?

15 MR. KRONK: Yes, as I testified --

16 MR. SIMON: So what is the purpose of
17 you testifying this evening if you're not testifying
18 in favor of any of type of variance relief as a
19 Professional Planner?

20 MR. KRONK: Well, were you here at the
21 last meeting?

22 MR. SIMON: I read the transcript,
23 sir.

24 MR. KRONK: Okay. Well, at the last
25 meeting, we came in with an application for the

1 windmill location and there was some feedback from
2 the Board regarding interest in possibly seeing the
3 silo on top of the ridge, so as trying to be
4 accommodating applicants, we are went back and
5 performed an analysis for a ridge location. We are
6 presenting that ridge location to the Board and,
7 yes, we are looking for some feedback on whether
8 they would -- they like the alternative location
9 better than our original proposal.

10 MR. SIMON: But you're not proposing
11 both locations to this Board as the applicant,
12 correct?

13 MR. KRONK: We are not.

14 MR. SIMON: Okay.

15 MR. KRONK: The first one -- the
16 engineering drawings and application that were
17 submitted for this property were for the proposed
18 windmill location and it was only as a result of
19 feedback from the Board that we did submit a
20 conceptual location on the ridge.

21 MR. SIMON: Okay. And you're familiar
22 with the Municipal Land Use Law of the State of New
23 Jersey, correct, as a Professional Planner?

24 MR. KRONK: Yes.

25 MR. SIMON: Okay. And you're familiar

1 with 40:55D-10.1 that deals with informal concept
2 review by a Board? Are you familiar with that?

3 MR. KRONK: Yes.

4 MR. SIMON: Okay.

5 CHAIRMAN JOHNSTONE: Mr. Simon?

6 MR. SIMON: Yes, sir.

7 CHAIRMAN JOHNSTONE: Do me a favor.

8 MR. SIMON: Yes.

9 CHAIRMAN JOHNSTONE: You speak very
10 rapidly, okay? And I know you're a trained
11 attorney.

12 MR. SIMON: Many people say that to
13 me, yes.

14 CHAIRMAN JOHNSTONE: I would ask you
15 to slow down for a couple of reasons, one of which
16 is the public may not be able to keep up with you.

17 MR. SIMON: Sure.

18 CHAIRMAN JOHNSTONE: More importantly,
19 the court reporter would probably thank you if you
20 slowed down a little bit so that she can get down
21 everything that you say.

22 MR. SIMON: I usually have to pay time
23 and a half to the court reporter just for them to
24 agree to come with me.

25 CHAIRMAN JOHNSTONE: You're not paying

1 her anything tonight --

2 MR. SIMON: Yeah.

3 CHAIRMAN JOHNSTONE: -- so I would
4 appreciate it if you slow down a little bit.

5 MR. SIMON: Yes, I appreciate that.
6 Thank you, Mr. Johnstone.

7 Mr. Kronk, are you familiar with
8 40:55D-10.1 of the Municipal Land Use Law that deals
9 with informal concept review?

10 MR. KRONK: Yes, I am.

11 MR. SIMON: And based on that
12 provision of the Municipal Land Use Law, what Board
13 has jurisdiction to review such applications for
14 informal concept review, is it a Board of Adjustment
15 or is it a Planning Board?

16 MR. MEESE: Objection.

17 Mr. Simon, this is not an informal
18 concept review, this is --

19 MR. SIMON: Well, that's why -- I'm
20 wondering what it is, Mr. Meese, and that's why
21 we're here.

22 MR. MEESE: We're here on a public
23 hearing that was started in November, it was then
24 carried to a site inspection, the Board conducted a
25 site inspection in the field, members of the public

1 were invited, many of them came out, and there was
2 discussion of two locations, there was discussion of
3 two different type of facilities, and we came back
4 tonight to present those two different facilities
5 pursuant to that discussion that was at the November
6 6th hearing.

7 MR. SIMON: But to what end, Mr.
8 Meese? And the question -- I guess I'm not asking
9 Mr. Meese questions, he's not the witness, Mr. Kronk
10 is -- is what are you looking for from the Board?
11 Are you looking for some sort of vote?

12 MR. MEESE: No.

13 MR. SIMON: Well, then what -- so then
14 what is the purpose of presenting before you get to
15 your radio frequency, before you get to any type of
16 emissions testimony, before you get to even your
17 planning testimony? What is the purpose of your
18 testimony this evening, sir? I'm not understanding
19 it if it's not informal concept. You have two
20 proposals there. It's the applicant's burden to
21 present the case the way they want to present it.

22 MR. MEESE: I'll answer that question.

23 MR. SIMON: I'm not asking you the
24 question.

25 MR. MEESE: Well, I'm going to answer

1 the question --

2 CHAIRMAN JOHNSTONE: Hold on.

3 MR. MEESE: -- because it's a legal
4 question.

5 CHAIRMAN JOHNSTONE: Hold on.

6 MR. MEESE: We've asked Mr. Kronk to
7 come as a planner to present the different concepts.
8 As an applicant, the applicant is trying to
9 cooperate. Verizon Wireless & Global Tower
10 Partners, they tend to cooperate with municipalities
11 they do business in. This isn't a take-it-or-leave-
12 it thing. We come in, we try to cooperate. If the
13 Board has suggestions, we don't ignore them, we
14 attempt to implement them. The Chairman has many
15 suggestions tonight. We intend to go back and
16 discuss them and see if we can't, you know, comply
17 with those suggestions, as any applicant should do.
18 So when we were here on the 6th and we got some
19 feedback, we didn't ignore it, we took it to the
20 next level, and that's what we're here tonight for.

21 MR. BERNSTEIN: Mr. Chairman, can I
22 read a letter germane to this I wrote to Mr. Meese
23 January 22nd, e-mailed it the 23rd?

24 CHAIRMAN JOHNSTONE: Raise your voice
25 up, please.

1 MR. BERNSTEIN: Yeah. Okay.

2 "Dear Mr. Meese,

3 I understand that you plan to present
4 at the February 5, 2014 Land Use Board meeting" --
5 and that was one that wasn't held -- "alternative
6 windmill and silo cellular towers at different
7 locations on the Melick property and seek input from
8 the Land Use Board members. I would note that Land
9 Use Board Engineer William H. Burr, in his report
10 sought revisions to the plans that have not been
11 made. Mr. Burr discussed with the Land Use
12 Administrator Shana Goodchild more modest
13 modifications to the plans for the Board to consider
14 when reviewing the alternatives. The plans should
15 be revised accordingly prior to the February 5, 2014
16 meeting.

17 While I recognize your unquestioned
18 expertise in land use, I would suggest that evidence
19 be produced to support the need for the facility,
20 and alternative site analysis, prior to the
21 discussion on development at the subject property.
22 This might result in more feedback from the Board.
23 However, it's your case and you can present it as
24 you see fit.

25 Yours truly."

1 (Reporter Note: The letter was quoted as
2 read by Mr. Bernstein.)

3 MR. BERNSTEIN: So I think the
4 applicant is looking for feedback. I see it as
5 premature, but Greg Meese is an undoubted expert in
6 land use matters and they could present the case as
7 they see fit. Right?

8 MR. SIMON: Well, I --

9 MR. BERNSTEIN: And whether -- -- I
10 don't -- I'd suggest the Board not give feedback at
11 this point, but Mr. Meese wants to make his record
12 as he sees fit, we recognize his expertise, and he's
13 proceeding.

14 MR. SIMON: And that's why I raise the
15 point, Mr. Bernstein, that the applicant -- it's
16 their burden to present what they think is the best
17 project possible and they can glean from comments
18 from the public, comments from the Board, as to what
19 they think is going to fly, what they think not's
20 going to fly, but you would hope that in the end,
21 that when their professionals present sworn
22 testimony as to why they believe that -- whether
23 it's the variance or site plan relief is warranted
24 for a particular application, they think it's the
25 best plan for the community. It's not what's the

1 best plan for the applicant, it's what's the best
2 plan for the community under the Municipal Land Use
3 Law and the subject ordinance. So that's why I'm
4 raising the point that it seems like the applicant
5 is looking for some sort of straw pole, which,
6 frankly, respectfully, is inappropriate for this
7 type of application at this juncture and they should
8 just -- if they think that the silo is the better
9 plan, they should get the engineering together and
10 present the silo.

11 MR. BERNSTEIN: We get your point. I
12 suggest the Board, for other reasons -- maybe the
13 same reasons -- not give input at this point,
14 they're putting the cart before the horse, and maybe
15 move on, at least we can finish this witness and
16 maybe someone else start tonight.

17 CHAIRMAN JOHNSTONE: Also, sir, if
18 you'll recall when I asked my questions, as you
19 mentioned, I indicated I was making the assumption
20 that they were able to prove their point that there
21 was a need and I moved on from there.

22 MR. SIMON: Absolutely.

23 CHAIRMAN JOHNSTONE: So there's no
24 decisions up here tonight at this point in time, so
25 you both -- both of you have aptly represented your

1 positions in this thing; let's move on with your
2 questions of this witness and then let's move on.

3 MR. SIMON: Fair enough, Mr. Chairman.
4 Of course.

5 Mr. Kronk, you had talked about in your
6 testimony that you had been involved with the zoning
7 of silos. We talked about Amwell, we don't know
8 which Amwell. Where else have you been involved
9 with the zoning of silos besides Amwell and here?

10 MR. KRONK: Readington, Alexandria.

11 MR. SIMON: Any others come to mind?

12 MR. KRONK: That's it, offhand.

13 MR. SIMON: Okay. And in Readington
14 and Alexandria, do you recall what the diameter of
15 those silos were?

16 MR. KRONK: No, I don't.

17 MR. SIMON: And other than those, can
18 you recall any other applications of the 250 that
19 you were involved in that involved silos?

20 MR. KRONK: No.

21 MR. SIMON: And are you aware -- and
22 you did mention, rightfully, that you or I guess the
23 architect work with these companies that specialize
24 in constructing silos for wireless telecommunica-
25 tions companies, correct?

1 MR. KRONK: They're regular
2 manufacturers of agricultural silos, they just have
3 adapted them to make wireless telecommunications
4 facilities.

5 MR. SIMON: And do you know the range
6 of diameters that they propose to the wireless
7 community as alternatives?

8 MR. KRONK: No, I don't.

9 MR. SIMON: Okay. Do you know that
10 the diameters could be as small as 12 feet?

11 MR. KRONK: No, I don't.

12 MR. SIMON: And do you have any
13 expertise in terms of the cost per vertical foot of
14 silo towers as compared to conventional metal
15 towers?

16 MR. KRONK: No, I don't.

17 MR. SIMON: Do you know, are there
18 openings in the walls of those silos? To your
19 knowledge.

20 MR. KRONK: Yes.

21 MR. SIMON: Okay. And where are those
22 openings?

23 MR. KRONK: Once again, we are dealing
24 with a conceptual plan and...

25 MR. SIMON: And you're not aware at

1 this point, because it's conceptual, of any type of
2 load analysis, structural analysis or any type of
3 analysis?

4 MR. KRONK: Nothing has been done,
5 it's purely a conceptual plan.

6 MR. SIMON: Now, with regard to your
7 photo simulations, how did you make the
8 determination of where to take the photos from?

9 MR. KRONK: As I mentioned, there was
10 a series of photos that were taken, travel the
11 surrounding environments, all 360 degrees, and take
12 photos that are representative of the views of a
13 proposed installation. As I mentioned, with the
14 silo simulations, certainly focused on finding
15 locations that had the most visibility of the base
16 area so that the simulations would show the barn
17 building at the base of the silo.

18 MR. SIMON: Now, of the photos that
19 you did not submit to the Board but that you will,
20 are they from the same location or same locations,
21 excuse me, or are they from different locations?

22 MR. KRONK: No. They're all different
23 locations.

24 MR. SIMON: Okay. Do you recall
25 offhand how many additional different locations you

1 took photos from besides the ones that you're
2 presenting tonight, sir?

3 MR. KRONK: There's an average of 20
4 photos from each balloon test.

5 MR. SIMON: Okay. From how many
6 different vantage points?

7 MR. KRONK: 20.

8 MR. SIMON: Oh, 20 different
9 locations.

10 MR. KRONK: 20 different locations per
11 balloon test.

12 MR. SIMON: Okay. And how many photos
13 did you take per location?

14 MR. KRONK: Several, but I delete
15 those, I only keep the good ones.

16 MR. SIMON: Okay. Did you, as part of
17 the photos on the day that you took them, which was
18 on the day of the balloon test in November, did you,
19 in advance, ask any private-property owners whether
20 you could access or come onto their property to take
21 photos from those vantage points?

22 MR. KRONK: No.

23 MR. SIMON: Why not?

24 MR. KRONK: Because I believe an
25 appropriate planning analysis for an application can

1 be made from the public right-of-way, and usually if
2 there's an issue that arises during a hearing and
3 somebody from the public offers it, it could be
4 done, but as a rule, planning analyses are taken
5 from public right-of-ways.

6 MR. SIMON: But you're certainly, in
7 these 250 applications you've been working on,
8 you're certainly familiar with countless situations
9 where either the public and/or the Board has asked
10 you to take photos, as part of your photo
11 simulation, from various public and private vantage
12 points so that the public can get a full view of the
13 impact.

14 MR. KRONK: Very, very rarely.

15 MR. SIMON: And with regard to the
16 balloon tests that were taken on the two dates in, I
17 guess it was April and in November, what were the
18 wind conditions at those times, sir? And what were
19 the dates again and the times?

20 MR. KRONK: April 4, 2013, the balloon
21 was up from 8 a.m. to 11 a.m., weather was sunny, 31
22 to 39 degrees, humidity 49 percent, winds 5 miles
23 per hour from the north-northwest, no precipitation,
24 balloon height 140 feet.

25 November 16 --

1 MR. BERNSTEIN: Go slower so our court
2 reporter can get it. It's harder when you're
3 reading it fast.

4 MR. KRONK: She's used to me.

5 MR. BERNSTEIN: No, really. Really.
6 Try taking it down.

7 MR. KRONK: November 16, 2013, the
8 original scheduled balloon test was from 9 to 11. I
9 will verify what time the balloon was actually left
10 up till. Mostly sunny, 46 degrees, humidity 68
11 percent, winds 2 to 3 miles per hour out of the
12 south, two balloons, the red one 80 feet on top of
13 the ridge, the black one 140 feet at the original
14 windmill location.

15 MR. SIMON: For the -- and I
16 apologize, I'm not understanding. For the
17 collocators for the silo, are the antennas there
18 inside the silo?

19 MR. KRONK: Here we are, we're back to
20 conceptual. Again, I really --

21 MR. SIMON: Are they inside or
22 outside?

23 MR. KRONK: Usually they're on the
24 inside.

25 MR. SIMON: On the inside. So you

1 mentioned that there is a different material that's
2 used so that there can be -- the antennas can have
3 usefulness as opposed to just being -- facing
4 concrete. If you keep them on the inside and you
5 have four levels of antennas, can that be concrete
6 as well or does that have to change to a different
7 material?

8 MR. KRONK: It would have to change
9 material --

10 MR. SIMON: To like a Styrofoam
11 material?

12 MR. KRONK: -- where the antennas
13 were. Yeah.

14 MR. SIMON: And your -- your opinion
15 that you like the silo over the windmill, that's
16 just based on your visual field?

17 MR. KRONK: That was based upon purely
18 the aesthetic aspects of comparing the two photo
19 simulations and it was not based upon my complete
20 planning analysis. That will be at the conclusion
21 of the application after I've heard from all of the
22 experts testifying.

23 MR. SIMON: Okay. And have you done
24 any type of zoning or planning analysis with regard
25 to this particular site in forming that conclusion

1 at this point?

2 MR. KRONK: I said it was based purely
3 on the aesthetics of the photo simulations that were
4 prepared.

5 MR. SIMON: Okay. So you could, in
6 the end, once you hear alternative testimony from
7 your co-witnesses, determine that, in fact, the
8 windmill would be preferable from a planning
9 perspective.

10 MR. KRONK: I made the analysis this
11 evening purely on the visual simulations that were
12 presented this evening.

13 MR. SIMON: Okay. Thank you.
14 I have nothing further at this time.
15 Thank you.

16 CHAIRMAN JOHNSTONE: Thank you.
17 Anyone else in the second row?

18 (No response)

19 CHAIRMAN JOHNSTONE: No hands. Third
20 row? Yes, sir.

21 MR. SCHROTH: I'm Tom Schroth, I live
22 at 27 Joliet in Oldwick.

23 (Court reporter asks for spelling of last
24 name)

25 MR. SCHROTH: Sure. S-C-H-R-O-T-H.

1 (Court reporter asks for spelling of street
2 name)

3 MR. SCHROTH: J-O-L-I-E-T.

4 COURT REPORTER: Thank you.

5 MR. SCHROTH: You're welcome.

6 Mr. Kronk?

7 MR. KRONK: Yes.

8 MR. SCHROTH: I you want to follow up
9 on a question that Barbara Todd asked earlier when
10 she asked if you were aware of any alternative
11 technologies and I'm not sure she got the answer she
12 was looking for, at least I didn't, because you
13 talked about different looks of the same technology,
14 like a bell tower instead of a flagpole.

15 MR. KRONK: Okay.

16 MR. SCHROTH: To your knowledge as a
17 planner, not an engineer, are you aware of any other
18 alternate technologies that can be used that are on
19 the cusp of coming into the marketplace that could
20 obviate the need for these tall --

21 MR. KRONK: You'll --

22 MR. SCHROTH: -- plastic cell towers.

23 MR. KRONK: -- really have to ask the
24 expert in that area because that's not --

25 MR. SCHROTH: I'm asking, are you

1 aware of any?

2 MR. KRONK: No.

3 MR. MEESE: The RF engineer, Mr.
4 Stern, will answer that question.

5 MR. SCHROTH: I'll ask him that as
6 well.

7 Okay, thank you, that's it.

8 MR. KRONK: Thank you.

9 CHAIRMAN JOHNSTONE: Anyone else in
10 that row? Yes, ma'am.

11 MS. SPANN: Frances Spann,
12 Farmersville Road.

13 (Court reporter asks for spelling of last
14 name)

15 MS. SPANN: S-P-A-N-N.

16 COURT REPORTER: Thank you.

17 MS. SPANN: You're welcome.

18 My question is just clarifying the
19 height of the silo. You had said 87 feet and that's
20 for one carrier?

21 MR. KRONK: The eighty -- yes.

22 MS. SPANN: The 87 feet. So that's
23 for one carrier, Verizon, for example. What impact
24 would additional carriers in the silo have on the
25 height of the silo?

1 MR. KRONK: The way the silo is
2 conceptually laid out, the -- yeah, the antennas
3 would be below that height. There's no proposal to
4 expand the silo as part of another applicant.

5 MS. SPANN: Okay, so the silo at 87
6 feet in height can accommodate the four carriers --

7 MR. KRONK: Yeah.

8 MS. SPANN: -- that you're
9 referencing. Okay. And then with respect to the
10 associated equipment for each of those individual
11 carriers, I think you had mentioned that the
12 equipment for Verizon could be housed inside the
13 silo?

14 MR. KRONK: No, actually, Verizon is
15 one of the carriers with larger equipment so the
16 architect put the Verizon outside in the barn and
17 saved the space at the base inside the silo for two
18 of the carriers that have smaller equipment.

19 MS. SPANN: Okay, so it sounds like
20 you already know -- do you know who those -- well, I
21 guess you know --

22 MR. KRONK: Well, there's four
23 carriers in the area.

24 MS. SPANN: Right.

25 MR. KRONK: Two of them use large

1 equipment and two of them use small equipment.

2 MS. SPANN: Okay, so then --

3 MR. KRONK: So it's conceptually laid
4 out for two large equipment areas and two small.

5 MS. SPANN: So for the fourth carrier,
6 that -- the equipment for the fourth carrier would
7 require -- would it fit in the silo or would it
8 require a second --

9 MR. KRONK: The fourth --

10 MS. SPANN: -- equipment shed?

11 MR. KRONK: The fourth -- yes, we
12 would need to expand the barn on the exterior for
13 the -- if a fourth one were there, yes.

14 MS. SPANN: Okay. And then for four
15 carriers at the -- on the silo, would you anticipate
16 that four carriers would impact the diameter of the
17 silo?

18 MR. KRONK: No, once the structure's
19 built, you can't impact it.

20 MS. SPANN: Okay. Right, I understand
21 that, but you're saying -- but, I mean, we're
22 assuming you're building for four -- you're planning
23 for four.

24 MR. KRONK: The plans that we are
25 working off of tonight that were conceptually

1 prepared and submitted show a 30-foot diameter and
2 four carriers there, yes.

3 MS. SPANN: Okay. All right, thank
4 you.

5 MR. KRONK: Thank you.

6 CHAIRMAN JOHNSTONE: Anyone else in
7 that row? Yes, sir.

8 MR. SKILLMAN: Dennis Skillman,
9 S-K-I-L-L-M-A-N, 34 Hill and Dale Road.

10 When you leave Hill and Dale Road and
11 head south, that particular ridge, because it's
12 denoted, stands out like a sore thumb, and we know,
13 aesthetically, no farmer would ever have a silo on
14 top of the hill, so the windmill would be something
15 possibly a farmer would have on top of a hill for a
16 farm, so I haven't seen any really closeup shots of
17 what the windmill would look like in the different
18 shots. I mean, that little picture, I didn't get a
19 real good idea of it. Would you actually have the
20 paddles and would they be turning like a windmill
21 would?

22 MR. KRONK: The paddles are shown on
23 the simulations. I do not recall if Mr. Colasurdo
24 had testified that they would be spinning or not.

25 MR. SKILLMAN: Okay. Because we

1 talked a lot about a silo. I mean, a silo would
2 never be on top of a ridge on a farm, so I mean,
3 that would stick out like a sore thumb, in my
4 opinion, so...

5 That's my feeling, I'd just like to
6 have a blowup of the windmill.

7 MR. KRONK: Did you see the
8 simulations that went around before?

9 MR. SKILLMAN: I mean, I didn't -- I
10 couldn't get a real good, close look and, I mean, I
11 just would like to see it up close.

12 MR. KRONK: The one from --

13 MR. SKILLMAN: Could you send that
14 over again?

15 MR. KRONK: Sure, I'll find that.

16 CHAIRMAN JOHNSTONE: Anyone else have
17 questions on that side? Okay. Want to stand up and
18 give us your name and address?

19 MS. GLASGOW: Judy Glasgow, 14 King
20 Street.

21 (Court reporter asks for spelling of last
22 name)

23 MS. GLASGOW: G-L-A-S-G-O-W.

24 Mr. Kronk, you said that -- someone
25 asked if this is a standard size silo and what is it

1 -- is there a standard size silo? I mean --

2 MR. KRONK: Yes, I believe that
3 these --

4 MS. GLASGOW: -- one size.

5 MR. KRONK: As I mentioned, the
6 manufacturers of these silos make both agricultural
7 silos and they modify them for wireless tele-
8 communications facilities.

9 MS. GLASGOW: But I'm talking about
10 the size.

11 MR. KRONK: Yes. What I'm saying is
12 they have standard --

13 MS. GLASGOW: They must have a
14 variety.

15 MR. KRONK: They have a variety and I
16 asked the architect this question and, specifically,
17 he told me yes, that's a standard size silo from the
18 silo manufacturer.

19 MS. GLASGOW: First at the balloon
20 test when it was 140 feet for the lattice type cell
21 tower --

22 MR. KRONK: Yes.

23 MS. GLASGOW: -- and it was 80 feet
24 for the silo --

25 MR. KRONK: Yes.

1 MS. GLASGOW: -- doesn't that make it
2 -- I still don't have the answer to whether they're
3 both the same distance above sea level. Do they end
4 up the same --

5 MR. KRONK: Well --

6 MS. GLASGOW: You're putting them --

7 MR. KRONK: What happens is the
8 windmill location -- the windmill structure's 140 to
9 the top.

10 MS. GLASGOW: Um-hum.

11 MR. KRONK: The Verizon Wireless
12 antennas are proposed at 120 feet.

13 MS. GLASGOW: Um-hum.

14 MR. KRONK: So the 120 corresponds to
15 the 80 feet on top of the hill.

16 MS. GLASGOW: And what's the other 20
17 feet on top?

18 MR. KRONK: Well, if -- there's the
19 dome on the top of the silo.

20 MS. GLASGOW: Oh, okay.

21 MR. KRONK: So that was where the
22 addition --

23 MS. GLASGOW: No, that's the 7 feet.

24 MR. KRONK: The 7.

25 MS. GLASGOW: I meant above the

1 lattice.

2 MR. KRONK: Oh, that's the actual --
3 the windmill portion --

4 MS. GLASGOW: The windmill.

5 MR. KRONK: -- the wheel and the
6 paddle, yeah.

7 MS. GLASGOW: All right.

8 MR. KRONK: So if you look at the
9 simulations, you'll see that the antennas are on the
10 leg and then the windmill --

11 MS. GLASGOW: Right.

12 MR. KRONK: -- components are above
13 that.

14 MS. GLASGOW: Okay, but --

15 MR. KRONK: So that's the aesthetic
16 portion.

17 MS. GLASGOW: -- are the tops of them
18 even, on one plane?

19 MR. KRONK: No, but the --

20 MS. GLASGOW: Because one photo showed
21 they were and all the other photos showed they
22 weren't, but I think it's --

23 MR. KRONK: That's called
24 "perspective."

25 MS. GLASGOW: Yes, I know it's the

1 perspective --

2 MR. KRONK: Yes.

3 MS. GLASGOW: -- but what I'm trying
4 to figure out is: Are the tops of them both the
5 same distance above sea level?

6 MR. KRONK: No, but the two antenna
7 elevations are.

8 MS. GLASGOW: Are.

9 MR. KRONK: The 120 on the windmill
10 and the 80 on the silo are the same --

11 MS. GLASGOW: Okay.

12 MR. KRONK: -- so the windmill goes 20
13 feet above the antennas, and on the silo, it only
14 goes 7 feet above it --

15 MS. GLASGOW: Yeah.

16 MR. KRONK: -- so the top of the
17 windmill is 13 feet higher than the top of the
18 proposed silo.

19 MS. GLASGOW: Okay. And then my other
20 question was: If it were -- if the cell tower were
21 put further into a woods, would they be able to get
22 reception?

23 MR. KRONK: That's a question for the
24 radio frequency engineer. He would have to evaluate
25 the location.

1 MS. GLASGOW: All right. I think
2 that's -- oh, in the simulated pictures, the silo
3 was rep -- was the silo represented as 30 feet?

4 MR. KRONK: Yes.

5 MS. GLASGOW: Because it's in
6 proportion -- someone asked if it was in proportion
7 and it was.

8 MR. KRONK: Yes, it's in proportion
9 and per the exhibits that were submitted to the
10 Board.

11 MS. GLASGOW: Right. Okay. Thank
12 you.

13 MR. KRONK: With the 30-foot diameter
14 and 87 to the top.

15 MS. GLASGOW: Right. Thank you.

16 CHAIRMAN JOHNSTONE: Anyone else in
17 that row? Yes, ma'am.

18 MS. HOCHENBERGER: Nancy Hochenberger,
19 20 King Street.

20 (Court reporter asks for spelling of last
21 name)

22 MS. HOCHENBERGER: H-O-C-H-E-N-
23 B-E-R-G-E-R.

24 COURT REPORTER: Thank you.

25 MS. HOCHENBERGER: In the simulation

1 with the windmill, was that outfitted for just
2 Verizon antenna or all four carriers?

3 MR. KRONK: Yes, that was just showing
4 the Verizon antennas, the 12 antennas at the 120-
5 foot elevation.

6 MS. HOCHENBERGER: So would the other
7 carriers' antenna be below?

8 MR. KRONK: Yes.

9 MS. HOCHENBERGER: And so we don't
10 know how they would look because it would be a lot
11 --

12 MR. KRONK: The Chairman --

13 MS. HOCHENBERGER: Would they stick
14 out --

15 MR. KRONK: The Chairman wants to
16 conceptually see that at the next meeting.

17 MS. HOCHENBERGER: Thank you.

18 CHAIRMAN JOHNSTONE: Okay, somebody
19 wasn't listening. Okay. I'm just teasing.

20 Anybody else in that row? Yes, sir.

21 MR. ROSE: Duncan Rose, 61 Sawmill
22 Road.

23 Sir, you're a planner, and I'm not a
24 fast talker, I'm a slow talker, in case you haven't
25 noticed. The planning is for building. To whom

1 should the question be posed on, rather than
2 construction, deconstruction, in the thought that
3 the technology most probably won't be forever, and
4 once it's obsolete, what party is responsible for
5 the deconstruction?

6 CHAIRMAN JOHNSTONE: I can answer that
7 for you. If this thing is allowed, I am quite sure
8 that one of the criteria will be that if this thing
9 does become obsolete, it will be the responsibility
10 of Verizon to remove this thing.

11 MR. ROSE: Thank you.

12 CHAIRMAN JOHNSTONE: Any other
13 questions in that row?

14 (No response)

15 CHAIRMAN JOHNSTONE: Next row. Yes,
16 ma'am.

17 MS. NEWELL: Marie Newell at 20 Meadow
18 Lane and the last name is N-E-W-E-L-L.

19 I was just wondering if we could get
20 two other pictures, if you do go back to do more
21 pictures. One would be from Roundtop. There's a
22 bunch of houses that view, you know, right at the --

23 CHAIRMAN JOHNSTONE: You'll get a
24 great view.

25 MS. NEWELL: What?

1 CHAIRMAN JOHNSTONE: You'll get a
2 great view.

3 MS. NEWELL: Yes, yes. And then the
4 other one is the shot, like that shot is taken down
5 on the road which is down below, but actually,
6 hundreds of citizens play up in the fields and it's
7 up in the fields where you actually see the
8 beautiful vista in 360 degrees and that would be a
9 vista that the community is going to look at every
10 weekend.

11 MR. KRONK: Actually, there is --
12 there was a photo from that location --

13 MS. NEWELL: Okay.

14 MR. KRONK: -- right at the last view.
15 See that one?

16 MS. NEWELL: Okay, good. Then just
17 the Roundtop. Thank you.

18 CHAIRMAN JOHNSTONE: Any other
19 questions in that row?

20 (No response)

21 CHAIRMAN JOHNSTONE: I see no hands.
22 How about the next row? Any questions in the next
23 row?

24 (No response)

25 CHAIRMAN JOHNSTONE: Any questions at

1 all on this side?

2 (No response)

3 CHAIRMAN JOHNSTONE: I see no hands.

4 Any questions back on this side that
5 came up? Yes. We see a hand in the back. Yes,
6 sir.

7 MR. VAN DOREN: Shaun Van Doren,
8 V-A-N-D-O-R-E-N, 59 Old Turnpike Road.

9 I just wondered, you mentioned a number
10 of the applications you were involved in. I wanted
11 to know if you were aware of the cell tower that's
12 in a silo in Washington Township.

13 MR. KRONK: I am familiar with it, I
14 was not involved in it at all.

15 MR. VAN DOREN: Okay. Is that
16 something that you could provide to the Board since
17 that's germane to this project here? It was on
18 Bartley Road.

19 MR. KRONK: The one on Bartley Road?
20 I'm familiar with that one but I -- yes, I am aware
21 of it, I was not involved in it.

22 MR. VAN DOREN: Okay. Thank you.

23 CHAIRMAN JOHNSTONE: That's it? Any
24 other -- yes, ma'am.

25 MS. FREY: Wilma Frey, 23 Water

1 Street.

2 CHAIRMAN JOHNSTONE: Frye, F-R-Y-E.

3 MS. FREY: F-R-E-Y.

4 CHAIRMAN JOHNSTONE: All right.

5 (Laughter)

6 CHAIRMAN JOHNSTONE: Sorry, Wilma.

7 MS. FREY: Are you familiar -- you're
8 familiar with the site and are you familiar with the
9 barn and the silo that is across King Street? Did
10 you photograph that?

11 MR. KRONK: No, I did not photograph
12 it.

13 MS. FREY: But you're aware of that,
14 you know that?

15 MR. KRONK: Yes.

16 MS. FREY: Do you know the dimensions
17 of that silo?

18 MR. KRONK: No, I don't.

19 MS. FREY: I believe that that silo is
20 30 feet tall and 16 feet in diameter. How would you
21 feel the scale of the silo that you're proposing
22 would fit in with the landscape and how, you know,
23 this other --

24 MR. KRONK: I would really like to
25 defer that question until I proceed with my full

1 planning testimony. Once again, we are really just
2 reviewing these two conceptually this evening and I
3 will have a -- I'll be back for a full planning
4 analysis.

5 MS. FREY: You don't think that might
6 -- the silo you're proposing might be called a "mega
7 silo"?

8 MR. KRONK: I actually think, under
9 your wireless telecommunications ordinance, it would
10 be "innovative camouflaged technique."

11 MS. FREY: Thank you.

12 CHAIRMAN JOHNSTONE: Okay, any other
13 questions from the public at this time?

14 (No response)

15 CHAIRMAN JOHNSTONE: I see no other
16 hands, I'll close it to the public, move around the
17 Board.

18 Does the Board have any additional
19 questions at this time?

20 (No response)

21 CHAIRMAN JOHNSTONE: I see no other
22 questions being raised. Okay. Do you have another
23 witness?

24 MR. MEESE: Sure do. Thank you, Mr.
25 Kronk.

1 MR. KRONK: Thank you.

2 MR. MEESE: Mr. Collins.

3 CHAIRMAN JOHNSTONE: Counsel, just so
4 you be aware, we have to be out of here by 10, I'm
5 going to stop your testimony at five of.

6 MR. MEESE: He'll be done before that.

7 CHAIRMAN JOHNSTONE: Well, that's even
8 better. He may be done with his direct testimony.

9 MR. MEESE: Raise your right hand and
10 --

11 MR. BERNSTEIN: Wait, just -- your
12 first name, sir.

13 MR. COLLINS: Daniel, last name
14 Collins, C-O-L-L-I-N-S.

15 MR. BERNSTEIN: Great first name.

16

17 D A N I E L C O L L I N S, 14 Ridgedale Avenue,
18 Suite 209, Cedar Knolls, New Jersey 07927, sworn by
19 the Board attorney.

20

21 MR. MEESE: Mr. Collins, would you
22 very briefly review your background and experience
23 with respect to radio frequency compliance?

24 MR. COLLINS: Sure. I have a
25 bachelor's degree in electrical engineering from

1 City College of New York, a master's degree from
2 Fairleigh Dickinson, a little more than 40 years
3 experience in radio frequency engineering,
4 propagation, antenna characteristics, and
5 specifically, for tonight's purposes, radio
6 frequency exposure. I've worked on that subject for
7 AT&T, Bell Labs, Bellcore, Edwards & Kelsey, and for
8 the last 14 years, a company in which I'm a
9 principal, Pinnacle Telecom Group, based in Cedar
10 Knolls, New Jersey. I've testified before more than
11 half the boards in New Jersey. That's more a
12 function of age than shilling, and I've been
13 accepted as an expert in all of them, although I
14 don't think I've testified in front of this Board
15 before.

16 MR. MEESE: I would offer Mr. Collins
17 as an expert in the field of radio frequency
18 compliance.

19 CHAIRMAN JOHNSTONE: Do you have any
20 questions, Counsel?

21 MR. BERNSTEIN: No.

22 CHAIRMAN JOHNSTONE: Has your license
23 ever been suspended or revoked for any reason in any
24 state?

25 MR. COLLINS: There is no license for

1 radio frequency engineering purposes. The licensing
2 board in the State of New Jersey actually issued a
3 letter, that I can provide a copy of if you need it,
4 but the letter says that the possession of a
5 professional engineering license implies no
6 particular expertise on the subject of radio
7 frequency engineering, as there is nothing in any of
8 the tests, actually, countrywide, that has anything
9 to do with radio frequency engineering.

10 CHAIRMAN JOHNSTONE: Has your license
11 as an engineer ever been suspended or revoked for
12 any reason?

13 MR. COLLINS: I don't have a license
14 as an engineer, I have a degree as an engineer. In
15 terms of being recognized by the FCC and all of the
16 municipalities and states, I've testified in front
17 of --

18 CHAIRMAN JOHNSTONE: So you're not a
19 licensed engineer.

20 MR. COLLINS: I do not have a
21 professional engineering license, that's right.

22 CHAIRMAN JOHNSTONE: Okay. I'm a
23 little confused. If you don't have a license in
24 anything -- you don't have a license in radio
25 frequency either, do you?

1 MR. COLLINS: Excuse me. 90 percent
2 of electrical engineers do not have a professional
3 engineering license. The P.E. licenses in my field
4 are generally gotten -- not my field but in
5 electrical engineering, are generally gotten by
6 folks who operate on power systems because it's an
7 electrocution issue.

8 CHAIRMAN JOHNSTONE: Okay. So I'm
9 just asking you, you don't have a license in any
10 particular specialty, as you stand here today.

11 MR. COLLINS: That's right. Now --

12 CHAIRMAN JOHNSTONE: That's all I'm
13 asking.

14 MR. COLLINS: Okay.

15 CHAIRMAN JOHNSTONE: Does anybody else
16 have any questions on the Board?

17 (No response)

18 CHAIRMAN JOHNSTONE: I see none. I
19 will open up to the public. Does anybody else in
20 the public have any questions?

21 MEMBER OF THE PUBLIC: I can't hear.

22 CHAIRMAN JOHNSTONE: You can't hear.
23 Okay. Any questions?

24 MEMBER OF THE PUBLIC: We can't hear
25 the testimony.

1 MS. CZAJKOWSKI: Speak up.

2 MR. COLLINS: I'll talk a little
3 louder.

4 CHAIRMAN JOHNSTONE: Okay. Where's
5 the microphone, the portable microphone? We'll try
6 that. Is that still on?

7 MR. COLLINS: Better?

8 MEMBER OF THE PUBLIC: Yeah.

9 MR. COLLINS: Okay, I'll stay with
10 this.

11 CHAIRMAN JOHNSTONE: Okay. Does
12 anybody have any questions?

13 (No response)

14 CHAIRMAN JOHNSTONE: Anybody have any
15 objection to hearing his testimony?

16 (No response)

17 CHAIRMAN JOHNSTONE: Okay.

18 MR. MEESE: Thank you.

19

20 DIRECT EXAMINATION BY MR. MEESE:

21

22 Q. Mr. Collins, you're familiar with the
23 standards that have been promulgated by the Federal
24 Communications Commission with respect to the
25 emission from these type of facilities and the

1 exposure to radio frequency emissions?

2 A. Yes.

3 Q. And you're familiar with the proposal
4 that Verizon Wireless & Global Towers made before
5 the Board?

6 A. Yes, I am.

7 Q. And you're also familiar with the fact
8 that there's a modified proposal, there's actually
9 two different locations that have two different
10 heights aboveground; is that right?

11 A. Yes.

12 Q. And have you analyzed the emissions
13 from the proposed facility at both locations?

14 A. Yes, I have.

15 Q. And have you prepared a report dated
16 August 7 of 2013 with respect to the site at the
17 original windmill site to determine whether or not
18 that facility would be in compliance with those
19 standards?

20 A. Yes.

21 Q. Will they be in compliance?

22 A. Yes. And I should explain that the
23 location isn't of interest here when you do these
24 kinds of analyses. What is of interest is the
25 height above ground. And so my first report, August

1 7, 2013, examined the proposed antennas at 120 feet
2 and applied the technical parameters that Verizon
3 would use in each of its frequency bands and, using
4 an FCC standard formula, arrived at a result and the
5 easiest way I can explain the result in layman's
6 terms is to talk about radio frequency levels as a
7 percentage of the allowable FCC limit for continuous
8 safe exposure. In that sense, 100 percent is the
9 number we don't want to exceed and any number below
10 a hundred percent represents compliance.

11 For the antennas at 120 feet, the
12 maximum radio frequency level was a little less than
13 1/4 of 1 percent of the FCC standard, so it was in
14 compliance by a little more than a factor of 450.
15 When I heard about the silo alternative and realized
16 the antennas there are quite a bit lower, I
17 re-performed the calculations and I have them -- the
18 results of them here on just one page and all I did
19 was replicate the table that appeared in Page 10 of
20 the original report for a different height, and for
21 the lower height, the worst-case exposure is a
22 little less than 9/10 of 1 percent or 116 times
23 below the FCC's limit. So in both cases, the
24 calculations demonstrate compliance.

25 The proposed facilities are in

1 compliance for another reason too, a regulatory
2 reason, and one that does not require any
3 mathematical proof, as we provided here. Any
4 antennas in the cellular world that are mounted on a
5 tower or anything except a rooftop and the antennas
6 are more than 10 meters in the air aboveground --
7 that's 32 or 33 feet, give or take -- those antennas
8 are considered, individually and cumulatively, to be
9 categorically excluded from the need to demonstrate
10 compliance, other than the fact that you say "Well,
11 the antennas are more than 10 meters off the
12 ground." In both cases here, 80 feet and 120 feet
13 are way more than 32 or 33 feet off the ground and
14 so the FCC automatically deems these facilities to
15 be in compliance. Nevertheless, because we know
16 people like to hear real numbers, we did produce
17 here a mathematical analysis of both scenarios and
18 both scenarios are in compliance.

19 MR. MEESE: Thank you. Why don't we
20 mark a copy of your report as well as a copy of the
21 addendum.

22 MR. BERNSTEIN: A-13 and A-14.

23 MR. MEESE: Today's the 26th, right?

24 MR. COLLINS: Yup. And I brought
25 extra copies of the addendum to deliver to the

1 Board.

2 (Mr. Collins hands documents to the Board
3 Chairman)

4 CHAIRMAN JOHNSTONE: Thank you. Would
5 anybody in the public like a copy of the addendum?

6 (Mr. Meese hands documents to Ms. Goodchild)

7 CHAIRMAN JOHNSTONE: I saw two hands.
8 Okay.

9 MR. SIMON: May we approach?

10 CHAIRMAN JOHNSTONE: Yes. I'll give
11 it to you and you give it to the other person back
12 there who wanted it.

13 MR. SIMON: Okay.

14 MR. BERNSTEIN: Blake, I have just one
15 question.

16 CHAIRMAN JOHNSTONE: Are we done?

17 MR. MEESE: Are there any questions of
18 Mr. Collins?

19 MR. BERNSTEIN: Yeah, one question.
20 There is a federal and state preemption so that, as
21 long as the applicant meets the federal and state
22 test, this Board really doesn't have jurisdiction to
23 deny it on that basis, correct?

24 MR. COLLINS: That's absolutely true.

25 MR. BERNSTEIN: Thank you.

1 CHAIRMAN JOHNSTONE: Any other
2 questions?

3 (No response)

4 CHAIRMAN JOHNSTONE: No? Questions
5 this way. Anybody on the Board? Anybody on the
6 Board have questions? No?

7 Okay, open it up to the public. I'll
8 start with this side. Does anybody on this side
9 have any questions of this witness? If so, raise
10 your hand. One person. Anyone else? Nobody else.
11 Yes, sir, go ahead.

12 MR. SIMON: Mr. Collins, in your
13 analysis, what were the size of the antennas?

14 MR. COLLINS: The size of the antennas
15 is not significant to the analysis.

16 MR. SIMON: Okay. What were the size
17 of the antennas that you reviewed?

18 MR. COLLINS: The size of the antennas
19 is not even mentioned in my report, as it is not
20 significant to the analysis.

21 MR. SIMON: All right, so you don't
22 know the size of the antennas, correct, that are
23 being proposed?

24 MR. COLLINS: The approximate size of
25 the antennas is 4-1/2 feet.

1 MR. SIMON: And you mentioned in your
2 initial comments to the Board that you've done
3 propagations. Were you involved in any type of
4 propagation with regard to this particular
5 application?

6 MR. COLLINS: No.

7 MR. SIMON: Thank you. I have nothing
8 further.

9 CHAIRMAN JOHNSTONE: Anybody else on
10 this side?

11 (No response)

12 CHAIRMAN JOHNSTONE: I see no hands
13 being raised, I'll move to this side. Anybody on
14 this side of the room have any questions? I saw one
15 hand being raised. Please stand up.

16 MS. CZAJKOWSKI: I saw two people.

17 CHAIRMAN JOHNSTONE: Okay, two. I'll
18 start with the gentleman in the back who I saw
19 first.

20 MR. SCHILLER: Andrew Schiller.

21 CHAIRMAN JOHNSTONE: Give us your
22 name, sir, and address.

23 MR. SCHILLER: Old Drift Way Lane.

24 CHAIRMAN JOHNSTONE: Okay, why don't
25 you come on up to the microphone.

1 MR. SCHILLER: My only question for
2 the gentleman --

3 CHAIRMAN JOHNSTONE: Name again?

4 MR. SCHILLER: Andrew Schiller.

5 CHAIRMAN JOHNSTONE: Thank you.

6 MR. SCHILLER: Are you familiar with
7 the International Association of Firefighters'
8 website and their organization?

9 MR. COLLINS: Yes, I am.

10 MR. SCHILLER: Are you aware that they
11 have taken a position regarding RF emissions and
12 cell towers and they've banned cell towers on all
13 fire buildings?

14 MR. COLLINS: I'm aware of that, I'm
15 also aware that their position has been debunked.

16 MR. SCHILLER: So are you saying that
17 the medical papers that you've reviewed were not
18 considered to be reliable?

19 MR. COLLINS: No, what I'm saying is
20 that the Firefighters Association who decided they
21 didn't want to have antennas a hundred feet in the
22 air that operate with 20 watts but instead they
23 operate fire department systems with a hundred watts
24 40 feet in the air, their scientifically -- their
25 conclusion wasn't based on any facts.

1 MR. SCHILLER: Well, I would recommend
2 that the Board and you take a look at their website
3 because the number of medical papers there is
4 significant and it's actually not an electrical
5 engineering evaluation, it's more of a look at the
6 medical literature.

7 CHAIRMAN JOHNSTONE: Okay.

8 MR. COLLINS: What counts in this --

9 CHAIRMAN JOHNSTONE: Stop --

10 MR. COLLINS: -- forum.

11 CHAIRMAN JOHNSTONE: -- stop --

12 MR. COLLINS: -- is the law.

13 CHAIRMAN JOHNSTONE: -- stop, stop,
14 stop. Number, one you're not there to give us a
15 speech of what you looked at, number one. You're
16 here to ask questions. If you want us to consider
17 that, that's something you can bring up at a later
18 date. Okay? So just ask your questions and then
19 we'll move on from there.

20 MR. BERNSTEIN: Sir, the one thing --
21 the state has the Radiation Protection Act and
22 there's federal legislation. This Board can't
23 independently decide whether the radiation is
24 harmful or not; the state has preempted it.

25 MR. SCHILLER: No, I understand that.

1 MR. BERNSTEIN: Yeah, so --

2 MR. SCHILLER: No Board can decide
3 based on RF danger.

4 MR. BERNSTEIN: Yeah, so that, as a
5 result, questions can be asked of the witness but
6 we're circumscribed by existing legislation on that
7 point.

8 MR. SCHILLER: Right, I understand
9 that.

10 MR. COLLINS: If it makes anybody a
11 little more comfortable --

12 MR. SCHILLER: I'm just asking a
13 question --

14 MR. BERNSTEIN: You can ask a
15 question.

16 MR. SCHILLER: -- to demonstrate
17 there's controversy --

18 MR. BERNSTEIN: Yeah.

19 MR. SCHILLER: -- regarding RF
20 emissions.

21 CHAIRMAN JOHNSTONE: We accept the
22 fact that there is a controversy.

23 MR. SCHILLER: Okay.

24 CHAIRMAN JOHNSTONE: We recognize
25 that.

1 MR. SCHILLER: That's all, that's the
2 whole point of my question.

3 MR. COLLINS: If it makes people more
4 comfortable with the -- I realize I threw out some
5 numbers. 2/10 of 1 percent, which is actually a
6 quarter of a percent, and 9/10 of 1 percent can be
7 translated into human terms and I mean that
8 literally. Human beings naturally emit electro-
9 magnetic energy at radio frequencies, so it's radio
10 frequency energy, equivalent to roughly 0.2 or 2/10
11 of 1 percent of the FCC's limit. So that says that
12 the taller of the two facilities here creates about
13 the same exposure as if one of us walked out around/
14 under the facility, and in the other case, you'd
15 need about four or five of us to get together and
16 have like a basketball huddle and that would create
17 the same --

18 MR. SCHILLER: It's exactly the same
19 controversy as the early asbestos industry and
20 tobacco.

21 CHAIRMAN JOHNSTONE: Gentlemen,
22 enough. Any other questions? Yes, sir.

23 MR. TEASDALE: Chris Teasdale,
24 T-E-A-S-D-A-L-E, 11 Dinner Pot Road.

25 Mr. Chairman, this may be to you. Are

1 we allowed to ask a question about the RF
2 engineering report that was submitted as part of the
3 testimony? I'm seeing Mr. Bernstein say "yes."

4 MR. BERNSTEIN: I think -- well, it's
5 the Chair's call. I think you can ask a question
6 but recognizing that this isn't a basis for us to
7 make a decision.

8 Correct, Mr. Chairman?

9 MR. COLLINS: Can we get clarification
10 on what kind of report --

11 CHAIRMAN JOHNSTONE: Hold it, hold it.

12 MR. COLLINS: -- you're talking about?

13 CHAIRMAN JOHNSTONE: Stop. Everybody,
14 stop talking.

15 You're asking -- which report are you
16 referring to, his report or somebody else's report?

17 MR. TEASDALE: I don't know. I read
18 an RF engineering report dated December of 2013.

19 MR. MEESE: Different report.

20 MR. COLLINS: That's a different
21 report.

22 MR. MEESE: Different expert.

23 MR. TEASDALE: That's a different
24 report. I have no question for this witness.

25 CHAIRMAN JOHNSTONE: Well, then you'll

1 have to wait for the right witness then.

2 Okay. Anyone else on this side of the
3 room have any questions?

4 (No response)

5 CHAIRMAN JOHNSTONE: I do not see any
6 hands. How about back on this side, anybody else?
7 So the public -- yes, ma'am.

8 MS. MARRAN: I'm sorry.

9 CHAIRMAN JOHNSTONE: No, don't be
10 sorry.

11 MS. MARRAN: I don't know if the
12 question applies or not.

13 (Court reporter asks the member of the public
14 to state her name)

15 MS. MARRAN: Nadine Marran, 9 Roundtop
16 Road.

17 So you looked it up from the
18 perspective of an antenna placement. Did you do any
19 assessment of RF needs in our area?

20 MR. MEESE: Different expert.

21 MS. MARRAN: Different expert?

22 MR. COLLINS: That's the radio
23 frequency coverage expert, who will talk later.

24 MS. MARRAN: Okay, great. Thank you.

25 CHAIRMAN JOHNSTONE: We will get to

1 all of your questions that these gentlemen so far
2 have not been able to answer because there are
3 apparently quite a few other witnesses that will be
4 coming in at a different date.

5 Any more questions from the Board at
6 this time?

7 MR. LARSEN: Well, just a point of
8 clarification. The Board's under the assumption
9 that the antennas are 72 inches, not 54 inches.

10 MR. COLLINS: Some antennas are 72
11 inches, yes.

12 By the way, the only thing that counts
13 for me is the antenna gain and the vertical plane
14 pattern. It could be a 2-inch antenna or a 48-inch
15 antenna, it doesn't make a difference.

16 CHAIRMAN JOHNSTONE: All right? Any
17 other questions on the Board?

18 (No response)

19 CHAIRMAN JOHNSTONE: I see none and
20 the public is done, so we're done with the testimony
21 for tonight.

22 Now, before we leave, we have to come
23 up with a new date for continuation of this hearing.
24 What dates do we have?

25 MS. GOODCHILD: We have March 19th,

1 April 2nd, April 16th, May 7th and May 21st
2 available.

3 MR. MEESE: Shall we start with the
4 19th?

5 CHAIRMAN JOHNSTONE: All right.

6 MR. BERNSTEIN: March 19th?

7 CHAIRMAN JOHNSTONE: March 19th?

8 These are all Wednesdays. So the next date will be
9 March 19th. Here?

10 MS. GOODCHILD: At the Tewksbury
11 Elementary School.

12 CHAIRMAN JOHNSTONE: Oh, okay.

13 MS. GOODCHILD: This school's not
14 available.

15 CHAIRMAN JOHNSTONE: We can't have
16 this school for the next one, but we will be at our
17 newest facility, at the Tewksbury Elementary School.
18 Okay? That's where the next meeting will be. The
19 reason, I have a hunch, as you see behind me,
20 there's a play going on at that point in time, so we
21 will be at the Tewksbury Elementary School.

22 MR. MEESE: Do we have an address for
23 that?

24 MS. GOODCHILD: 109 Fairmount Road
25 East, Califon.

1 CHAIRMAN JOHNSTONE: Basically, go
2 straight north to the light, Beacon Hill light, you
3 turn right, go down about a quarter of a mile and
4 you see it on the right-hand side.

5 MR. MEESE: Thank you.

6 MR. BERNSTEIN: Mr. Chairman, no new
7 notice.

8 CHAIRMAN JOHNSTONE: There will not be
9 any new notice, okay? Except maybe on the website
10 of the town.

11 MR. BERNSTEIN: Yes.

12 CHAIRMAN JOHNSTONE: It will be on
13 there, but there won't be anything in the paper.

14 MR. BERNSTEIN: Or personal service.

15 CHAIRMAN JOHNSTONE: Right, or
16 personal service, and that will be March 19th, 7:30,
17 at TES, that's Tewksbury Elementary School.

18 Does anybody have any questions before
19 we adjourn for the night?

20 (No response)

21 CHAIRMAN JOHNSTONE: I don't see
22 anybody in the audience having any questions at this
23 point in time. Yes. Hold on. Oh, yes. We're not
24 done but we are done for the night for this hearing.
25 Thank you.

1 MR. MEESE: Thank you.

2 (Hearing concluded at 9:57 p.m.)

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4
5 C E R T I F I C A T E

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7
8 I, MICHELE QUICK, a Certified Court
9 Reporter, Registered Merit Reporter, Certified
10 Realtime Reporter of the State of New Jersey,
11 authorized to administer oaths pursuant to R.S.
12 41:2-1, do hereby state that the foregoing is a true
13 and accurate verbatim transcript of my stenographic
14 notes of the within proceedings, to the best of my
15 ability.

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