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STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Docket No. 548

Homeland Towers, LLC, and Celco Partnership d/b/a
Verizon Wireless Application for a Certificate of
Environmental Compatibility and Public Need for the
Construction, Maintenance, and Operation of a
Telecommunications Facility and Associated Equipment
Located at 38 and 42A Hidden Brook Drive,
Brookfield, Connecticut.

Zoom Remote Council Meeting (Teleconference),
on Thursday, April 9, 2026, beginning at 2 p.m.

H e l d B e f o r e :

JOHN MORISSETTE, THE VICE CHAIR

1 A p p e a r a n c e s :

2 Councilmembers:

3 JOHN MORISSETTE (The Vice Chair)

4

5 BRIAN GOLEMBIEWSKI ,

6 DEEP Designee

7

8 QUAT NGUYEN ,

9 PURA Designee

10

11 CHANCE CARTER

12 KHRISTINE HALL

13 DR. SCOTT WILLIAMS

14 BILL SYME

15 DANIEL P. LYNCH, JR.

16

17 Council Staff:

18 MELANIE BACHMAN, ESQ.,

19 Executive Director and Staff Attorney

20

21 MICHAEL PERRONE ,

22 Siting Analyst

23

24 LISA FONTAINE ,

25 Administrative Support

1 A p p e a r a n c e s : (cont'd)

2 For HOMELAND TOWERS, LLC (Applicant):

3 ROBINSON & COLE, LLP

4 280 Trumbull Street

5 Hartford, Connecticut 06103-3597

6 By: KENNETH C. BALDWIN, ESQ.

7 KBaldwin@rc.com

8 860.275.8200

9

10 For THE TOWN OF BROOKFIELD (Party):

11 STEPHEN C. DUNNE,

12 First Selectman

13

14 For LAKE LILLINONAH SHORES CONDO ASSOCIATION NO. 1

15 (Intervenor):

16 RICHARD BALDELLI

17

18 For LAKE LILLINONAH SHORES CONDO ASSOCIATION NO. 2

19 (Intervenor):

20 BORIS SHEKHTMAN

21

22 For ELECTROMAGNETIC TECHNOLOGIES INDUSTRY, INC.:

23 (Intervenor):

24 JOHN HOWARD

25 STEVE JALIL

1 A p p e a r a n c e s : (c o n t ' d)

2 F o r S E P A i n t e r v e n e r :

3 P A S K A N A Y D E N

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1 (Begin: 2:00 p.m.)

2
3 THE VICE CHAIR: Good afternoon, ladies and gentlemen.
4 This public hearing is called to order this
5 Thursday, April 9, 2026, at 2 p.m.

6 My name is John Morissette, Vice Chair of the
7 Connecticut Siting Council. Other members of the
8 Council are Khristine Hall; Chance Carter;
9 Dr. Scott Williams; Bill Syme; Daniel P. Lynch
10 Jr.; Brian Golembiewski, designee for Commissioner
11 Katie Dykes of the Department of Energy and
12 Environmental Protection; Quat Nguyen, designee
13 for Chairman Thomas Wiehl of the Public Utilities
14 Regulatory Authority.

15 Members of staff are Executive Director
16 Melanie Bachman, Siting Analyst Michael Perrone,
17 Administrative Support Lisa Fontaine.

18 If you haven't done so already, I ask that
19 everyone please mute their computer audio and/or
20 telephones now. Thank you.

21 This hearing is held pursuant to the
22 provisions of Title 16 of the Connecticut General
23 Statutes and of the Uniform Administrative
24 Procedure Act upon an application from Homeland
25 Towers, LLC, and Cellco Partnership, d/b/a Verizon

1 Wireless for a certificate of environmental
2 compatibility and public need for the
3 construction, maintenance, and operation of a
4 telecommunications facility and associated
5 equipment located at 38 and 42A Hidden Brook Drive
6 in Brookfield, Connecticut.

7 This application was received by the Council
8 on December 23, 2025. The Council's legal notice
9 of the date and time of this public hearing was
10 published in the News Times on January 27, 2026.

11 Upon this Council's request, the Applicant
12 erected a sign in the vicinity of the proposed
13 site so as to inform the public of the name of the
14 Applicant, the type of facility, the public
15 hearing date, and contact information for the
16 Council, including the website and phone number.

17 As a reminder to all, off-the-record
18 communication with a member of the staff or the
19 Council upon the merits of this application is
20 prohibited by law.

21 The parties and the interveners of the
22 proceeding are as follows. Homeland Towers, LLC,
23 and Cellco Partnership, d/b/a Verizon Wireless;
24 its representatives, Kenneth C. Baldwin, Esquire,
25 Jonathan Schaefer, Esquire, of Robinson & Cole,

1 LLP.

2 The interveners, Lake Lillinonah Shores Condo
3 Association Number One, represented by Richard
4 Baldelli; party, Town of Brookfield, represented
5 by the Honorable Stephen C. Dunne, First
6 Selectman; intervener, Electromagnetic
7 Technologies Industry Inc, represented by John
8 Howard and Steve Jalil; intervener, Lake
9 Lillinonah Shores Condo Association Number Two,
10 represented by Boris Shekhtman; intervener and
11 SEPA intervener, Paska Nayden; intervener and SEPA
12 intervener, Elaine Simoes.

13 We will proceed in accordance with the
14 prepared agenda, a copy of which is available on
15 the Council's website, along with a record of this
16 matter, the public hearing notice, instructions
17 for public access to this public hearing, and the
18 Council's citizens guide to the Siting Council's
19 procedures.

20 Interested persons may join any session of
21 this public hearing to listen, but no public
22 comments will be received during the 2 p.m.
23 evidentiary session. At the end of the
24 evidentiary session, we will recess until 6:30
25 p.m. for the public comment session. Please be

1 advised that any person may be removed from the
2 evidentiary session or the public comment session
3 at the discretion of the Council.

4 The 6:30 p.m. public comment session is
5 reserved for members of the public who have signed
6 up to make brief statements in the record. I wish
7 to note that the Applicant, parties, and
8 interveners, including their representatives,
9 witnesses, and members are not allowed to
10 participate in the public comment session.

11 I also wish to note for those who are
12 listening and for the benefit of your friends and
13 neighbors who are unable to join us for the public
14 comment session that you or they may send written
15 statements to the Council within 30 days of the
16 date hereof, either by mail or by e-mail, and such
17 written statements will be given the same weight
18 as if spoken during the public comment session.

19 A verbatim transcript of this public hearing
20 will be posted on the Council's website and
21 deposited in the Brookfield Town Clerk's office
22 for the convenience of the public.

23 The Council will take a 10- to 15-minute
24 break at a convenient juncture around 3:30 p.m.

25 We'll now move on to administrative notices

1 taken by the Council. I call your attention to
2 those items shown in the hearing program marked as
3 Roman Numeral 1B, items 1 through 88. Does any
4 party or intervener have an objection to the items
5 that the Council has administratively noticed?

6 Attorney Baldwin or Attorney Schaefer, good
7 afternoon.

8 ATTORNEY BALDWIN: Good afternoon, Vice Chair
9 Morissette.

10 This is Kenneth Baldwin on behalf of the
11 Applicant Homeland Towers, and Cellco Partnership
12 doing business as Verizon Wireless. We have no
13 objection to the administrative notice items.

14 THE VICE CHAIR: Thank you, Attorney Baldwin.

15 Mr. Baldelli on behalf of the interveners,
16 Lake Lillintonah Shores Condo Associations One and
17 Two?

18 Mr. Baldelli, please?

19

20 (No response.)

21

22 THE VICE CHAIR: First Selectman, Steffan Dunne?

23 RICHARD BALDELLI: I'm sorry, sir. Lake Lillintonah
24 Shores has no objections to the approval.

25 THE VICE CHAIR: Very good. Thank you.

1 First Selectman Steffan Dunne?

2 FIRST SELECTMAN DUNN: Yeah. It's Steven -- but no, we
3 have no objections. Thank you.

4 THE VICE CHAIR: Very good. Thank you, First Selectman
5 Dunn.

6 John Howard, Steve Jalil?

7 STEVE JALIL: This is Steve Jalil. No objection.
8 Thank you.

9 JOHN HOWARD: No objection.

10 THE VICE CHAIR: Thank you.

11 Paska Nayden? Paska Nayden?

12

13 (No response.)

14

15 THE VICE CHAIR: And Elaine Simoes? Elaine, do you
16 have any objections?

17

18 (No response.)

19

20 THE VICE CHAIR: Very good. Accordingly, the Council
21 hereby administratively notices these existing
22 documents.

23 We'll now continue with the appearance of the
24 Applicant. Will the Applicant present its witness
25 panel for purposes of taking the oath and Attorney

1 Bachman will administer the oath?

2 Attorney Baldwin.

3 ATTORNEY BALDWIN: Thank you, Vice Chair Morissette. I
4 know you can hear us, but I'm not sure if you can
5 see us right now, but -- regardless, we'll
6 proceed.

7 THE VICE CHAIR: Yes, we can. We can see you.

8 Thank you.

9 ATTORNEY BALDWIN: You can see us? Okay.

10 THE VICE CHAIR: Yeah, we actually see you in multiple
11 screens.

12 ATTORNEY BALDWIN: Well, it's better than none, I
13 suppose. Thank you for putting up with our
14 technological issues here.

15 So, we have a witness panel today consisting
16 of seven members. I'll introduce them so that
17 they can be sworn in. To my left is Ray Vergati,
18 the regional manager with Homeland Towers, LLC.
19 To my right is Elizabeth Glidden, the real estate
20 and regulatory specialist with Verizon Wireless.

21 And then, in no particular order other than
22 as in the hearing program; Martin Lavin, he's a
23 radiofrequency engineer with C Squared
24 associates -- C Squared Systems, representing
25 Verizon Wireless as the RF engineer for the

1 project; Mr. David Weinpahl, a professional
2 engineer with On Air Engineering; Martin Brogie,
3 the principal environmental scientist with Martin
4 Brogie, Incorporated; Sean Hosek, a project
5 manager with Trileaf Environmental Services; and
6 Matthew Allen, the principal at Saratoga
7 Associates.

8 And I offer them to be sworn in at this time.

9 THE VICE CHAIR: Thank you, Attorney Baldwin.

10 Attorney Bachman, please swear in the
11 Witnesses.

12 ATTORNEY BACHMAN: Thank you, Vice Chair Morissette.

13 If the Witnesses could please raise their
14 right hand?

15 R A Y V E R G A T I,
16 E L I Z A B E T H G L I D D E N,
17 M A R T I N L A V I N,
18 D A V I D W E I N P A H L,
19 M A R T I N B R O G I E,
20 S E A N H O S E K,
21 M A T T H E W A L L E N,

22 called as witnesses, being sworn by
23 THE EXECUTIVE DIRECTOR, were examined and
24 testified under oath as follows:

25

1 ATTORNEY BACHMAN: Thank you.

2 THE VICE CHAIR: Thank you, Attorney Bachman.

3 ATTORNEY BALDWIN: Vice Chair Morissette?

4 THE VICE CHAIR: Attorney Baldwin, please proceed by
5 verifying all the exhibits by the appropriate
6 sworn witnesses.

7 ATTORNEY BALDWIN: Vice Chair Morissette, there are
8 five exhibits listed in the hearing program under
9 Roman two, section B, items one through five,
10 consisting of the application and all of the bulk
11 file exhibits, the Applicant's affidavit of
12 publication, the signed protective order regarding
13 the final lease agreement with redacted financial
14 terms, the signposting affidavit dated April 2nd,
15 and then the Applicant's responses to the
16 Council's interrogatories also dated April 2nd.
17 And I'll ask my witnesses to verify those exhibits
18 by responding to the following questions.

19 Did you prepare or assist in the preparation
20 of the information and exhibits contained in those
21 exhibits listed in the hearing program that I just
22 listed?

23 Mr. Vergati?

24 THE WITNESS (Vergati): Ray Vergati, I did.

25 ATTORNEY BALDWIN: Ms. Glidden?

1 THE WITNESS (Glidden): Yes.

2 ATTORNEY BALDWIN: Mr. Lavin?

3 THE WITNESS (Lavin): Martin Lavin. Yes.

4 ATTORNEY BALDWIN: Mr. Weinpahl?

5 THE WITNESS (Weinpahl): Yes.

6 ATTORNEY BALDWIN: Mr. Brogie?

7 THE WITNESS (Brogie): Brogie. Yes.

8 ATTORNEY BALDWIN: Mr. Hosek?

9 THE WITNESS (Hosek): John Hosek. Yes.

10 ATTORNEY BALDWIN: Mr. Allen?

11 THE WITNESS (Allen): Yes.

12 ATTORNEY BALDWIN: And do you have any corrections,
13 modifications, or clarifications to offer to any
14 of those exhibits?

15 Mr. Vergati?

16 THE WITNESS (Vergati): Ray Vergati with Homeland
17 Towers. I have a few corrections, slash,
18 modifications to offer, three total.

19 The first is the cover page narrative. I
20 want to correct page 13 that lists the closest
21 off-site residence as unit 25 of Lake Lillinonah
22 Condominium, being approximately 300 feet to the
23 east, which is owned by Karen Perez, at 40 Hidden
24 Brook Drive. The correction should read that the
25 closest off-site residence is 40 Hidden Brook

1 Drive, approximately 280 feet to the east, and is
2 owned by Karen Perez.

3 I also offer, in addition, a correction on
4 exhibit -- or attachment eight under the site
5 search summary; 2 Cove Road was not included in
6 the site search. There were 21 sites total, but
7 actually there should be 22. The owners of this
8 particular parcel had approached me after a board
9 of selectmen meeting, and we reviewed it and
10 rejected it as having too low of ground elevation,
11 too close to existing homes, and the parcel was
12 very small in size.

13 There's also a correction on the site search
14 summary to parcel number two, where it states,
15 Homeland Towers rejected 44A Hidden Brook Drive
16 because of a deed restriction. The correction
17 should be while the owner had expressed initial
18 interest, they changed their mind during the
19 process to not lease to Homeland. I just wanted
20 to bring that to your folks' attention.

21 And last, the last correction is on
22 attachment eight, the visual resource assessment
23 prepared by Saratoga Associates -- I'm sorry,
24 attachment 9, prepared by Saratoga. Correction to
25 page 2; again, it lists the nearest residential

1 structure as 30 Hearthstone being 270 feet
2 northeast. The correction should read, the
3 nearest residential structure to the facility is
4 40 Hidden Brook Drive, approximately 280 feet to
5 the east.

6 And some parts of the VRA, the visual
7 resource assessment, refers to a road cul-de-sac
8 called Muir Court, and the actual name of that
9 road is Muirwood Court. Those are the only
10 corrections that we have, and that I have.

11 ATTORNEY BALDWIN: Any additional corrections or
12 modifications, Ms. Glidden?

13 THE WITNESS (Glidden): No.

14 ATTORNEY BALDWIN: Mr. Lavin?

15 THE WITNESS (Lavin): No.

16 ATTORNEY BALDWIN: Mr. Weinpahl?

17 THE WITNESS (Weinpahl): No.

18 ATTORNEY BALDWIN: Mr. Brogie?

19 THE WITNESS (Brogie): Martin Brogie. No.

20 ATTORNEY BALDWIN: Mr. Hosek?

21 THE WITNESS (Hosek): No.

22 ATTORNEY BALDWIN: Mr. Allen?

23 THE WITNESS (Allen): No.

24 ATTORNEY BALDWIN: And is the information contained in
25 those exhibits with those corrections and

1 modifications true and accurate to the best of
2 your knowledge?

3 Mr. Vergati?

4 THE WITNESS (Vergati): Ray Vergati. Yes.

5 ATTORNEY BALDWIN: Ms. Glidden?

6 THE WITNESS (Glidden): Yes.

7 ATTORNEY BALDWIN: Mr. Lavin?

8 THE WITNESS (Lavin): Yes.

9 ATTORNEY BALDWIN: Mr. Weinpahl?

10 THE WITNESS (Weinpahl): Yes.

11 ATTORNEY BALDWIN: Mr. Brogie?

12 THE WITNESS (Brogie): Martin Brogie. Yes.

13 ATTORNEY BALDWIN: Mr. Hosek?

14 THE WITNESS (Hosek): Yes.

15 ATTORNEY BALDWIN: Mr. Allen?

16 THE WITNESS (Allen): Yes.

17 ATTORNEY BALDWIN: And do you adopt the information
18 contained in those exhibits as your testimony in
19 this proceeding?

20 Mr. Vergati?

21 THE WITNESS (Vergati): Ray Vergati. Yes.

22 ATTORNEY BALDWIN: Ms. Glidden?

23 THE WITNESS (Glidden): Yes.

24 ATTORNEY BALDWIN: Mr. Lavin?

25 THE WITNESS (Lavin): Yes.

1 ATTORNEY BALDWIN: Mr. Weinpahl?

2 THE WITNESS (Weinpahl): Yes.

3 ATTORNEY BALDWIN: Mr. Brogie?

4 THE WITNESS (Brogie): Martin Brogie. Yes.

5 ATTORNEY BALDWIN: Mr. Hosek?

6 THE WITNESS (Hosek): Yes.

7 ATTORNEY BALDWIN: And Mr. Allen?

8 THE WITNESS (Allen): Yes.

9 ATTORNEY BALDWIN: Vice Chair Morissette, we offer them
10 as full exhibits.

11 THE VICE CHAIR: Thank you, Attorney Baldwin.

12 Does any party or intervener object to the
13 admissions of the Applicant's exhibits?

14 Richard Baldelli on behalf of Interveners
15 Lake Lillinonah Shores Condo Association One and
16 Two?

17 RICHARD BALDELLI: No objection.

18 THE VICE CHAIR: Very good. Thank you.

19 First Selectman Dunn?

20 FIRST SELECTMAN DUNN: No objection.

21 THE VICE CHAIR: Thank you. Steve Jalil?

22 Steve Jalil, any objection?

23 JOHN HOWARD: This is John Howard. I have an
24 objection -- 80-I. I don't think there is a need
25 for this application.

1 THE VICE CHAIR: No, this is for the exhibits as listed
2 in the hearing program.

3 JOHN HOWARD: Okay. No objection.

4 THE VICE CHAIR: No objection? Thank you.

5 JOHN HOWARD: Yeah.

6 A VOICE: (Unintelligible.)

7 THE VICE CHAIR: Paska Nayden? Elaine Simoes?

8 ELAINE SIMOES: No objection.

9 THE VICE CHAIR: Very good. Thank you. The exhibits
10 are hereby admitted.

11 We will now begin with cross-examination of
12 the Applicant by the Council starting with
13 Mr. Perrone followed by Ms. Hall.

14 Mr. Perrone, good afternoon.

15 MR. PERRONE: Good afternoon. Thank you, Mr. Vice
16 Chair.

17 Referencing the response to council
18 interrogatory number two, does the Applicant have
19 any updates on the feasibility of utilizing the
20 condo association property for access?

21 THE WITNESS (Vergati): Ray Vergati with Homeland
22 Towers.

23 We conducted a site visit with Mr. Baldelli
24 on April 2nd. We provided the condo association
25 with a draft site plan as of yesterday. They are

1 reviewing it.

2 Homeland Towers is also in the midst of
3 putting together a financial proposal to the condo
4 associations for their consideration, and that is
5 where we stand on the alternate access right now.

6 MR. PERRONE: And if that alternate access were
7 employed, would Homeland bypass parcel one and
8 enter the western side of parcel two?

9 THE WITNESS (Vergati): We would have to do due
10 diligence, but yes. Most likely, if the condo
11 association and Homeland were to come to some sort
12 of agreement and it worked from due diligence,
13 title, and their bylaws and the voting, and it
14 worked out, we would come in through the condo
15 association.

16 We would have to also ascertain -- we know we
17 can get a road in through there, and we would have
18 to understand if we would bring utilities through
19 the condo property or stick to the proposed
20 utility route over 38 Hidden Brook Drive as
21 currently proposed.

22 MR. PERRONE: And just a couple more questions on that
23 alternative. Would that alternative configuration
24 prevent any stone wall impacts?

25 THE WITNESS (Vergati): There is an existing stone wall

1 between the condo association and 42A Hidden Brook
2 Drive. Coming in through the condo association,
3 that stone wall would most likely need to be
4 opened up to allow for the twelve-foot gravel
5 access drive to go between the stone wall.

6 The stone wall will certainly be -- the
7 stones will be replaced on the stone wall. We've
8 had that conversation with Mr. Baldelli. I don't
9 want to speak for him, but he understands that we
10 would have to open up that wall.

11 MR. PERRONE: How would this alternative affect tree
12 clearing versus the proposed facility?

13 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

14 We have not performed a tree survey on this
15 alternate route, but just looking -- a first
16 glance right now, the current proposed tree
17 removal given the current proposed access is 37
18 trees to be removed at a breast height of greater
19 than six inches.

20 Looking at this alternate location, which
21 would be roughly 50 feet through a grass area and
22 then entering the wooded parcel, I would expect
23 tree removal to be around the same, maybe slightly
24 less, but we wouldn't know that until we do a full
25 tree survey.

1 MR. PERRONE: Have the Applicants considered a shorter
2 access route on parcel one, such as along the
3 southern limits of that property, south of the
4 existing shed?

5 THE WITNESS (Weinpahl): Yes. David Weinpahl.

6 We've looked into other options on parcel
7 one. The southern portion south of the owner's
8 existing driveway was not feasible. There's a lot
9 of turns, right-hand turns to get around the shed,
10 and there's other structures behind there. It
11 would be a lot of maneuvering to go in that way.
12 And then from that point, we would have to go
13 through his retaining wall in the center of that.

14 In discussions with the owner of 38 Hidden
15 Brook, parcel one, that was not something they
16 were interested in -- in pursuing. The access
17 that's shown currently on the plans was the --
18 really, the only option that was provided to us,
19 and we've been able to make that work through our
20 engineering.

21 MR. PERRONE: Turning to application sheet VZ-2, why
22 was the square antenna platform selected versus a
23 typical triangular platform?

24 THE WITNESS (Weinpahl): Yes, David Weinpahl.

25 Verizon is deploying a four-sector

1 configuration here for their antennas, and they're
2 all shooting around 90 degrees apart roughly, and
3 thus the need for a square platform.

4 MR. PERRONE: Turning to sheet A-1, would the brown
5 privacy slats be located on all sides of the
6 fence, or just the eastern side that has the
7 landscape plantings?

8 THE WITNESS (Weinpahl): Yes, David Weinpahl again.

9 The eastern side would be the most logical
10 location for the slats. I don't think they
11 would -- they would be fine on all the locations,
12 but we're so far into the woods and the sightlines
13 from the north, west, and south are -- are so far
14 beyond, they would be redundant.

15 I would focus on just perhaps the -- the east
16 side only for -- for privacy slats.

17 MR. PERRONE: Referencing response to council
18 interrogatory 18, what heights on the tower are
19 the public safety antennas anticipated to be
20 located?

21 THE WITNESS (Weinpahl): Yes, David Weinpahl again.

22 This is also on our sheet A-1. We have a
23 range below the lowest carrier here who's at
24 around 140 feet as a target range for public
25 safety. There's also ability for them to go on

1 top of the structure in some instances.

2 Exact heights have not been provided from
3 those parties as of now.

4 THE WITNESS (Vergati): This is Ray Vergati with
5 Homeland Towers.

6 I've had correspondence with both the Town of
7 Brookfield, with their wireless consultant NORCOM
8 Connecticut, to place two antennas off the very
9 top of the tower for fire and police, and then to
10 place another antenna further down around a
11 hundred feet for public works. They've got a
12 co-location app, an application in right now with
13 Homeland Towers.

14 I've also had correspondence with the Town of
15 Bridgewater, specifically with Chief Ledbetter
16 with the Fire Department, as well as Dan Soule
17 with the Litchfield County Dispatch, and they also
18 have submitted recently a co-lo application to
19 place two antennas off the top of the tower as
20 well as a two-foot microwave dish off the top of
21 the tower.

22 MR. PERRONE: Turning to response to council
23 interrogatory 19, would Homeland design this tower
24 and foundation to be capable of supporting a tower
25 extension?

1 THE WITNESS (Weinpahl): Yes, David Weinpahl.

2 Homeland would -- would agree to that, yes.

3 THE WITNESS (Vergati): This is Ray Vergati, Homeland
4 Towers.

5 We recently have looked at tower designs, and
6 we would make that decision as far as over
7 designing the foundation to accept an extension
8 when we get further into geotech and reviewing the
9 site.

10 MR. PERRONE: Turning to response to council
11 interrogatory 20, what is typically involved in an
12 annual tower inspection?

13 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

14 Obviously, as the Council is aware, these are
15 unmanned facilities, but we do check time to time
16 on facilities, making sure that the fence is -- is
17 intact, there's been no trees coming down, that
18 landscaping is -- is healthy and growing, that
19 there's no weeds growing through crushed stone
20 weed barriers, and we address any maintenance
21 issues on an as-needed basis, obviously, if
22 additional gravel needs to be put down.

23 We also hear from our landlords from time to
24 time if maintenance needs to be done, and we also
25 hear from the carriers. They'll give us a

1 courtesy heads-up at times when they visit the
2 site to say, hey, can you look at this?

3 But very, very low maintenance on these, on
4 these particular facilities.

5 MR. PERRONE: Turning to response to council
6 interrogatory 25, it mentions certain 700
7 megahertz and 850 megahertz sector antennas that
8 are in exhaust in terms of capacity, and Cellco's
9 attempts to alleviate the capacity concerns.

10 Is Cellco able to utilize higher frequency
11 bands to compensate in the interim?

12 THE WITNESS (Lavin): Martin Lavin, C Squared Systems.

13 No, the upper frequency, the higher
14 frequencies don't have enough reach. The 700 and
15 850 are the biggest footprint, and the capacity
16 problem is caused by users in areas that are only
17 served by 700 or 850 and not by the higher
18 frequencies.

19 MR. PERRONE: Also on RF, how would coverage and
20 capacity at the 7 Long Meadow Hill Road site
21 compare with the proposed site?

22 THE WITNESS (Lavin): I -- I don't have a comparison
23 between those two, but it was noted when we were
24 looking to cover from 7 Long Meadow and those
25 areas, I think Verizon determined they would need

1 a tower around 250 feet high to replicate the
2 coverage, and that would certainly require light
3 and possibly marking.

4 MR. PERRONE: What are the distances of the existing 60
5 Vale Road, V-a-l-e, and 39 Carmen Hill Road
6 facilities to the proposed service area?

7 THE WITNESS (Lavin): I don't have that right off, but
8 I can get that answer before the end of the day.

9 MR. PERRONE: Okay.

10 THE WITNESS (Vergati): This is Ray Vergati, Homeland
11 Towers.

12 The existing facility at 37 Carmen Hill is
13 2.5 miles to the west. And we have to confirm the
14 distance of the Vale Road site, 60 Vale Road that
15 Verizon is on. It may be greater than eight
16 miles, but we'll -- we'll take that as a homework
17 assignment.

18 MR. PERRONE: Thank you.

19 What is the status of the 89 Wewaka,
20 W-e-w-a-k-a Brook Road, Bridgewater site? It was
21 approved by the Council via tower share on January
22 22, 2026.

23 THE WITNESS (Glidden): This is Liz Glidden with
24 Verizon Wireless.

25 To my knowledge, that has not been

1 constructed yet.

2 MR. PERRONE: That pending facility, would that be a
3 potential handoff site to the proposed facility?

4 THE WITNESS (Lavin): Martin Lavin, C Squared.

5 Yes, it would.

6 MR. PERRONE: Would coverage from the Wewaka Brook Road
7 facility supplant or reduce the need for the
8 proposed facility?

9 THE WITNESS (Lavin): Martin Lavin, C Squared.

10 No, the intervening terrain at the available
11 height prevents it from covering the areas that
12 the proposed site covers.

13 MR. PERRONE: And then moving on to the proposed backup
14 generator, would the proposed backup generator
15 have containment measures for generator fluids
16 such as fuel, engine oil, coolant?

17 THE WITNESS (Weinpahl): Yes, David Weinpahl.

18 It would have those features deployed, yes.

19 MR. PERRONE: And moving on to response to council
20 interrogatory 48, how would power be turned off at
21 the utility board? For example, would there be a
22 main breaker, or a disconnect switch on the
23 utility board?

24 THE WITNESS (Weinpahl): Yes, David Weinpahl.

25 That would be a main breaker at the utility

1 board.

2 MR. PERRONE: Would the proposed access road be
3 designed to accommodate emergency vehicles,
4 including a fire truck, if necessary, in the event
5 of an emergency?

6 THE WITNESS (Weinpahl): David Weinpahl.

7 Yes, the road has been designed for emergency
8 vehicle access.

9 MR. PERRONE: Could you generally compare the
10 characteristics of the proposed site to a site at
11 Brookfield High School, such as the distances to
12 residences and environmental features?

13 THE WITNESS (Vergati): This is Ray Vergati.

14 Could you repeat that question, please?

15 MR. PERRONE: Sure. Could you generally compare the
16 characteristics of the proposed site to a site at
17 Brookfield High School, such as distances to
18 residences and environmental features?

19 THE WITNESS (Vergati): So, I think the best way -- Ray
20 Vergati, Homeland Towers.

21 The best way to answer that -- we had looked
22 at a few locations at the Brookfield High School
23 property. It's relatively large in size, I think
24 roughly 50-some-odd acres. There, the location on
25 that parcel where the Town preferred the spot to

1 be, roughly 1500 feet from the high school, there
2 would be potentially a wetland crossing to get to
3 the site. It's near the Gurski Park, which is an
4 open space for the Town.

5 We'd have to double check, but I believe for
6 some reason that the closest house, when we had
7 designed the site with the Town, what we called
8 option C, the closest resident I believe was at 4
9 Murphys Lane, and I'm happy to -- happy to take a
10 look as a homework to see what that distance was.

11 MR. PERRONE: And lastly, I know we got the distances
12 and took care of distances and directions for Vale
13 Road and Wewaka Brook Road -- also to have
14 information similar to interrog 24, could we also
15 get the tower type and antenna centerlines on
16 those facilities?

17 ATTORNEY BALDWIN: Just to clarify, Mr. Perrone, that
18 was for the Vale Road and the Carmen Hill Road
19 site?

20 MR. PERRONE: This will be for Vale Road and Wewaka
21 Brook.

22 ATTORNEY BALDWIN: We'll include that on our list, our
23 list of homework assignments. Thank you.

24 MR. PERRONE: Thank you. That's all I have.

25 THE VICE CHAIR: We'll now continue with

1 cross-examination of the Applicant by Ms. Hall
2 followed by Mr. Carter.

3 Ms. Hall, good afternoon.

4 MS. HALL: (Inaudible.)

5 THE VICE CHAIR: Ms. Hall, you're on mute.

6 There you go.

7 MS. HALL: With reference to question 53 -- first of
8 all, I want to thank Mr. Perrone. He asked most
9 of my questions.

10 But with reference to question number 53 on
11 page 20 of the interrogatories, with regard to
12 potential effects on migratory birds, and what do
13 you expect to be the impact of this tower given
14 that it is apparently in the flight path of
15 migratory birds?

16 THE WITNESS (Hosek): John Hosak with Trileaf.

17 We don't expect any, any impact at all given
18 the tower height.

19 MS. HALL: Okay. The visual assessment has one point
20 that is on the other side of Lake Lillinsonah and
21 the tower is visible from that site. And I think
22 given -- do you expect that there will be quite a
23 bit of visibility on Lake Lillinsonah, for some
24 length along the lake, of the tower?

25 THE WITNESS (Allen): This is Matt Allen with Saratoga

1 Associates.

2 Give me a moment just to find the height
3 here. I'm looking at Exhibit 9. There's an
4 impact assessment in Exhibit 9. There's figure
5 A-1 which is a viewshed map identifying the
6 geographic area where there was a line of sight to
7 the high point of the tower, and it does indicate
8 that a certain distance along the eastern
9 shoreline of the lake that will have visibility.

10 That is why we selected viewpoint 16 for the
11 photo simulation to indicate the character and
12 degree of visibility from that shoreline area.

13 MS. HALL: Okay. Thank you. So -- and I did look at
14 the photo number 16. So that, you think would be
15 characteristic of the views on Lake Lillinonah
16 that would be within that circle.

17 Is that correct?

18 THE WITNESS (Allen): Matt Allen, Saratoga Associates.

19 Yes, we -- we selected the point, the nearest
20 publicly accessible location that we could
21 photograph from. So, given that it is as close to
22 the tower as just about any point along the
23 shoreline, we believe that is a representative
24 worst-case degree of visibility.

25 MS. HALL: Thank you. And another question concerning

1 the view from the Gurski Farm open space area. It
2 doesn't look -- and again, looking at the map and
3 comparing it to other maps I've seen of the area,
4 it looks like that open space area is kind of
5 between number eight and the view at the high
6 school, which I believe is number five -- but
7 there doesn't seem to be anything in that area.

8 Do you expect there to be visibility within
9 that open space area?

10 THE WITNESS (Allen): This is Matt Allen with Saratoga
11 Associates.

12 Again I'll reference the viewshed map
13 attachment nine, figure A-1. The viewshed map
14 identified no areas of visibility within the
15 Williams-Gurski Park area.

16 And looking at the aerial photograph of the
17 same viewshed map, which is figure A-2 in Exhibit
18 9, that is likely due to the fact that that park
19 area is heavily wooded. So, simply being within
20 the forest would limit the line of sight and the
21 direction of the tower to the immediate
22 foreground.

23 MS. HALL: Okay. Thank you.

24 Have you had any discussions with local
25 residents/stakeholders concerning the color of the

1 tower?

2 You had indicated some flexibility on color.

3 Has there been any preference expressed on color?

4 THE WITNESS (Vergati): This is Ray Vergati, Homeland
5 Towers.

6 I've had correspondence and dialogue with the
7 Lake Lillinonah Condo Associations on what their
8 preference would be, and they've basically told me
9 that their preference would be to have a two-tone
10 in the sense of having a brown portion of the
11 tower pretty much where the treeline -- the canopy
12 breaks. That would be roughly up to 80 feet AGL,
13 and then to have the top of the tower for the
14 typical galvanized color to match the New England
15 sky. And I've had those conversations with
16 Mr. Baldelli.

17 MS. HALL: Thank you.

18 THE WITNESS (Vergati): And I want to add one thing.

19 Homeland Towers would certainly be willing to --
20 to do that. It's a non-issue for us.

21 MS. HALL: Thank you. That's all my questions. Thank
22 you very much.

23 THE VICE CHAIR: We'll continue with cross-examination
24 by Mr. Carter followed by Dr. Williams.

25 Mr. Carter, good afternoon.

1 MR. CARTER: Good afternoon, Mr. Vice Chair.

2 I would like to thank Ms. Hall and
3 Mr. Perrone for their questions because they
4 addressed the ones I had on my list. So, I will
5 give back my time. Thank you.

6 THE VICE CHAIR: Very good. Thank you, Mr. Carter.

7 We'll now continue with cross-examination by
8 Dr. Williams followed by Mr. Golembiewski.

9 Dr. Williams, good afternoon.

10 DR. WILLIAMS: Good afternoon. I have nothing at this
11 time. Thank you.

12 THE VICE CHAIR: Very good.

13 We'll now continue with cross-examination by
14 Mr. Golembiewski followed by Mr. Nguyen.

15 Mr. Golembiewski, good afternoon.

16 MR. GOLEMBIEWSKI: Good afternoon. I have no
17 questions. Thank you.

18 THE VICE CHAIR: Very good. Thank you.

19 We'll now continue with cross-examination by
20 Mr. Nguyen followed by Mr. Syme.

21 Mr. Nguyen?

22 MR. NGUYEN: Good afternoon. I have no questions.
23 Thank you.

24 THE VICE CHAIR: Very good.

25 We'll now continue to cross-examination by

1 Mr. Syme followed by Mr. Lynch. Mr. Syme, good
2 afternoon.

3 MR. SYME: Just a minute -- there it is. Good
4 afternoon.

5 I actually reviewed the application, and some
6 of the questions I had have already been asked by
7 Mr. Perrone. And so, I am going to say I am good.

8 Thank you.

9 THE VICE CHAIR: Very good. Thank you, Mr. Syme.

10 We'll now continue to cross-examination by
11 Mr. Lynch. Mr. Lynch, good afternoon.

12 MR. LYNCH: I have one or two questions,
13 Mr. Morissette.

14 THE VICE CHAIR: Very good. Thank you.

15 MR. LYNCH: For the Applicant, if the alternative
16 access is used, would their utilities also be
17 undergrounded?

18 THE WITNESS (Vergati): This is Ray Vergati, Homeland
19 Towers.

20 If we were to come in through the Condo
21 Association property we would do a consultation
22 walk with Eversource, explaining that everything
23 in that area is currently underground. If we can
24 bring utilities in through the condo parcel, most
25 likely, 99 percent, they would be underground.

1 There is a slight chance that even if we were
2 to access through the condo property, that
3 Eversource may ask us to come in off of Hidden
4 Brook Road, through our current 38 Hidden Brook
5 Drive where we currently show utilities, but we
6 plan on doing underground utilities either way to
7 harden the site.

8 MR. LYNCH: Thank you.

9 This is for Mr. Lavin. If a DAS system -- it
10 was well explained, in the -- or the small-cell
11 system, whichever -- does that still have to
12 report back to a base cell tower?

13 THE WITNESS (Lavin): Martin Lavin for C Squared
14 Systems.

15 It can go back to a cell site or to what we
16 call a hotel, which is another -- the other end of
17 fiber, a system with no antennas --

18 MR. LYNCH: I didn't hear. I didn't hear you,
19 Mr. Lavin.

20 THE WITNESS (Lavin): It can -- it can possibly haul
21 back to another cell site, or most often it hauls
22 back to -- right to the switch, or to what we call
23 a hotel where some offsite equipment is stored.

24 It's not a facility that does communication
25 directly, but simply provides connection and

1 controls the various small cells.

2 MR. LYNCH: All right. Thank you.

3 I forget which question it is, 57 or 59; it
4 talks about stealth towers. If a stealth tower
5 was in place, or a tree -- or a fire lookout,
6 would that prohibit the public safety, police/fire
7 from using it? Or, you know, because I usually
8 use whips or microwaves, would they be prohibited
9 from using a stealth tower?

10 THE WITNESS (Vergati): This is Ray Vergati, Homeland
11 Towers.

12 I have designed a number of stealth
13 facilities in my tower career. Typically,
14 monopines, the branches and needles are basically
15 RF friendly, transparent, allowing signals to pass
16 through.

17 To answer your question, public safety could
18 be accommodated on a stealth monopine tree. I've
19 never done a fire tower, but I expect you could
20 accomplish the same in putting public a safety
21 antenna and having them perform properly.

22 I've never seen a flower -- a fire tower 175
23 feet, as currently proposed with this application.
24 And I can certainly have Mr. Allen speak, with
25 Saratoga, but I think a 175-foot monopine may not

1 be appropriate for this location, but certainly
2 Mr. Allen can expand on that.

3 **THE WITNESS (Allen):** Yeah, Matt Allen, Saratoga
4 Associates.

5 Just to --

6 **MR. LYNCH:** I don't mean to propose a stealth fire
7 tower or a stealth tree. That was just a
8 curiosity question more than anything else.

9 The surrounding woods, what's the height of
10 the canopy for the trees?

11 **THE WITNESS (Allen):** It's Matt Allen at Saratoga
12 Associates.

13 I -- I just looked at that using our LiDAR
14 database, and the trees in that vicinity are
15 largely deciduous, and the LiDAR data indicates
16 that they -- the tree canopy typically ranges from
17 80 to 90 feet.

18 **MR. LYNCH:** So, the cell tower would tower over the
19 canopy if it's at 170 feet?

20 **THE WITNESS (Allen):** If that -- that's a question
21 you'd like me to respond to? Matt Allen, Saratoga
22 Associates.

23 Yes. The simple, simple math, you are
24 correct, however when factoring in the perspective
25 of view, the trees closer to the viewer are going

1 to angle the line of sight from the viewer up
2 higher.

3 So, certainly the tree, you know, the tower
4 is not going to appear, you know, roughly twice
5 the height of the trees. It's going to be
6 something less, which is why the photo simulations
7 and the visual assessment are a direct tool to
8 understand how much of the tower would be visible
9 above the intervening treeline.

10 MR. LYNCH: Now if the tower is galvanized, would
11 that -- do you galvanize the top portion and paint
12 the lower portion in conjunction with the tree
13 canopy a different color? Would that work as a
14 stealth?

15 THE WITNESS (Allen): Yeah, Matt Allen with Saratoga
16 Associates.

17 Yes, it would. It would help the lower
18 portion of the tower that falls within the
19 treeline to blend better with the darker colors of
20 the -- the intervening trees. Certainly, we're
21 largely talking about during winter leaf-off
22 season when you do have some degree of
23 transparency through the treeline. It would be
24 less important during the summer leaf-on season.
25 And it would help for the upper portion that is

1 visible above the treeline to blend better with
2 the sky if it were a lighter color.

3 Typically, standard galvanized is -- is a
4 good choice for that purpose. It could be
5 anything, but we found galvanized is as neutral
6 against the sky as pretty much any other color
7 that you could select.

8 So, the answer to your question is yes, that
9 would be, you know --

10 MR. LYNCH: Yeah, but from what I understand from past
11 dockets, you've actually done this before. Right?
12 Painted one, the lower portion one color and
13 galvanized or painted the other, the top portion a
14 different color?

15 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

16 Yes, we've -- we've done this on a few
17 allocations up in Kent. We had a two-tone color
18 for the monopole up in Kent, Connecticut. As well
19 as Haddam, North Haddam, we had a two-tone as well
20 with the brown being the lower portion and the
21 galvanized being the top color. Although, in the
22 past we've also painted the top traditionally a
23 white smoke to mirror the New England sky.

24 Again, I think in this case to paint it brown
25 would be appropriate and then just leave the top

1 portion galvanized, which mimics the New England
2 sky -- would be our preference.

3 MR. LYNCH: All right. Thank you.

4 Now as far as maintenance of the site, you
5 have -- how frequent is that? And I'm now
6 directing towards the backup generator. How
7 frequent is that started, as I guess you use -- I
8 forget what question it was. I think it was
9 somewhere in the -- that you let it run for 20
10 minutes. How frequent is that?

11 And if the frequency is such that it runs for
12 20 minutes, let's say, you know, three times a
13 month, is it conducive to have that generator
14 topped off after they've been tested?

15 THE WITNESS (Glidden): This is -- this is Liz Glidden
16 with Verizon Wireless.

17 The generators exercise about every two weeks
18 for 20 minutes, as you've mentioned. It does not
19 need to be topped off after being exercised. The
20 generator can run --

21 MR. LYNCH: Well --

22 THE WITNESS (Glidden): I'm sorry.

23 MR. LYNCH: My question is, how frequent are the
24 20-minute tests before it gets topped off?

25 THE WITNESS (Glidden): Well, a generator can run for

1 about 50 continuous hours, so it would not be --
2 it would be several months.

3 MR. LYNCH: Now I have a follow-up question. If there
4 is a storm coming, whether it be a nor'easter or a
5 blizzard, and the generator hasn't been topped off
6 in a while, do you send somebody out there to top
7 that off in case the, you know, there's an
8 emergency?

9 THE WITNESS (Glidden): This is Liz Glidden.

10 Yes. In cases where we anticipate inclement
11 weather and the possibility of a power loss, we do
12 make sure that our generators are working and
13 our -- the fuel is -- is topped off.

14 MR. LYNCH: All right. Thank you.

15 And I have one last question, and I think it
16 would be Mr. Lavin again. In the event that the
17 phone line goes down, you know, that would pretty
18 much kill the cell site. Do you have any plans
19 for talking to the phone company to get that fiber
20 optic line back up and running again?

21 THE WITNESS (Glidden): This is Liz Glidden.

22 Certainly, when the power goes out, we work
23 with the Eversource to get the power back on.
24 Typically, the power might be the first to go off
25 prior to losing fiber as it's hung lower on the

1 utility poles.

2 But in cases where power and fiber are both
3 out simultaneously, we would, you know, reach out
4 to the provider.

5 MR. LYNCH: Do you have any contracts or any agreement,
6 whether it be Eversource or Frontier, for getting
7 those fiber optic lines back up and running?

8 THE WITNESS (Glidden): This is Liz Glidden.

9 Yes, we have agreements with both.

10 MR. LYNCH: All right. Thank you.

11 Mr. Morissette, those are all my questions.

12 THE VICE CHAIR: Okay. I'm going to start out with the
13 access road. Now, according to question eleven,
14 there's 2,450 square feet of cut from the
15 driveway -- that that's pretty significant. Isn't
16 it? There's going to be quite a bit of cut to
17 install that driveway.

18 THE WITNESS (Weinpahl): Yes, David Weinpahl.

19 This area is the first section of the road
20 coming in off Hidden Brook. We have current
21 slopes of up to 30 percent in some areas there.
22 So, that's the cut and the removal area that's
23 first required. That runs for about 200 feet into
24 the parcel, at which point we can achieve a 15
25 percent grade, which is what the design is now

1 showing.

2 THE VICE CHAIR: Okay. And what's the total distance
3 again of the driveway?

4 THE WITNESS (Weinpahl): It's just under 700 -- I'm
5 sorry. David Weinpahl.

6 It's just under 700 feet from Hidden Brook to
7 the tower facility.

8 THE VICE CHAIR: Okay. It appears to be a pretty,
9 pretty significant undertaking. Do you know what
10 the cost is going to be to install that access
11 road?

12 THE WITNESS (Weinpahl): Yes, David Weinpahl.

13 That's still in review right now with
14 Homeland in terms of projecting the -- the access
15 road cost.

16 THE VICE CHAIR: Okay. Well, compared to the
17 alternative access road, I would venture to guess
18 that that would be significantly less than the
19 proposed access road.

20 THE WITNESS (Weinpahl): David Weinpahl again.

21 Yes, we would concur with that.

22 THE VICE CHAIR: Okay.

23 THE WITNESS (Weinpahl): It will be less for the
24 alternate coming through the condo parcel.

25 THE VICE CHAIR: And I would suppose that it would be

1 quite a bit less of an impact; though you wouldn't
2 have as much cut, construction would be much less.
3 The overall impact would be less as well.

4 Would you agree with that?

5 THE WITNESS (Weinpahl): David Weinpahl.

6 Yes, it would be less of an impact. The
7 current location that was reviewed with the condo
8 board present was in an area where there were not
9 utilities close by that we could first evaluate.

10 So, there is still a chance that utilities
11 would come through 38 Hidden Brook as currently
12 shown. So, there will be excavation through that
13 portion, but we would not have to take the grade
14 down as shown for the road through that, through
15 that area.

16 THE VICE CHAIR: Okay. Very good.

17 Mr. Vergati, I imagine that going through the
18 condo association, that it unfortunately brings
19 additional obstacles. Could you describe what
20 those obstacles could be as far as obtaining the
21 condo association approval and other obstacles
22 that I'm not even aware of?

23 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

24 We've done a site visit. We know we can make
25 it work from an engineering perspective, but some

1 of the obstacles from a real -- real estate
2 perspective would simply be we're dealing with two
3 associations here.

4 We would have to obviously review their
5 bylaws to see how they conduct themselves if they
6 were to vote on it. And what I mean by that is
7 there are some associations where the residents of
8 the association vote. There's other associations
9 where the board president or board can vote.

10 We're dealing with two associations. There's
11 going to be some economics that we will put before
12 the condo association that they have to and
13 Homeland have to agree upon. We'll have to run
14 title to make sure there are no deed restrictions
15 that would not allow us to come in and use the
16 condo road.

17 You know, we've -- I've had a very open
18 dialogue with -- with Boris and then Richard, the
19 two presidents, and we're going to try to make
20 this work. We're going to put a proposal before
21 them with some financial terms. We've already
22 given them the draft site plan.

23 I think in a perfect world it would be nice
24 to come in through the condo association, and
25 we're going to do our best to try to make that

1 happen.

2 **THE VICE CHAIR:** Thank you. I agree it would be a
3 preferred route of access, but certainly there are
4 hurdles that need to be undertaken here to get
5 that done. So, good luck.

6 **THE WITNESS (Vergati):** I will say I want to add, you
7 know and I know the board has changed, but I know
8 Verizon in the beginning had approached the condos
9 to -- to site this on their property and -- and it
10 was a no.

11 In my preliminary discussions with the condo
12 folks, it wasn't something that they were really
13 entertaining. They've really since come back to
14 us in the past, you know, three or four months,
15 and we've had a very open dialogue.

16 And again, I just want to reiterate that
17 we're going to try our best as Homeland Towers to
18 do what we can do to -- to bring access in through
19 the condos, that that is our preference.

20 **THE VICE CHAIR:** Great. Thank you.

21 I'd like to talk a little bit about painting
22 the tower. First of all, I'm not a big fan of
23 painting the tower. I'm of the old school of Phil
24 Ashton. You don't paint galvanized towers
25 primarily because of maintenance and chipping and

1 erosion over time.

2 How often do -- if you did paint it, how
3 often would you have to repaint it? Is it every
4 ten years?

5 THE WITNESS (Vergati): This is Ray Vergati, Homeland
6 Towers.

7 We've been pretty lucky as a tower developer
8 with our towers. How they're manufactured, the
9 paint is typically baked on, but typically every
10 seven to eight years would require painting. And
11 that's why I was more or less saying, paint the
12 bottom brown, but leave the top galvanized; not
13 even go down the road of putting a white smoke, if
14 you call, or -- or a skyline blue on the top.
15 Just leave it pure galvanized.

16 So, you're right. You can avoid that
17 chipping or peeling. Every site is different.
18 Sites near the water deal with salt in the air.
19 So, our preference is to leave the top galvanized.
20 And I think a brown would be very nice, but we
21 understand it requires maintenance for painting
22 down the road.

23 THE VICE CHAIR: So, do you think at about the
24 seven-year mark, does the chipping and peeling,
25 does that become prominent?

1 THE WITNESS (Vergati): Again, Ray Vergati, Homeland
2 Towers.

3 In my experience, we have not seen that on
4 our towers. I can't speak for others, but we --
5 we have our tower manufacturers do a very, you
6 know, in-depth process of baking it at the
7 factory. The paint does not go on in the field.
8 It goes on at -- in the -- in the factory, in the
9 manufacturing process.

10 THE VICE CHAIR: That's helpful. Thank you.

11 Well, typically, I prefer that either the
12 town or the impacted abutting property owners have
13 a say in what color they would prefer. So
14 certainly, I would accept that as well.

15 Okay. Let's see here. Mr. Lavin, good
16 afternoon.

17 THE WITNESS (Lavin): Good afternoon, sir.

18 THE VICE CHAIR: Looking at your coverage map on the
19 first one, 700 megahertz, it appears what we're
20 seeing here is that there's a ridgeline that goes
21 north to south. And the site actually -- or the
22 non-coverage area is in a valley.

23 THE WITNESS (Lavin): Yes.

24 THE VICE CHAIR: Am I interpreting that correctly?

25 THE WITNESS (Lavin): Yes. On both sides of the river

1 there is a gain of elevation.

2 **THE VICE CHAIR:** Okay. So, you're really lacking
3 coverage in this valley because all your sites to
4 the west are unable to get over the ridgeline, and
5 the same for the east as well?

6 **THE WITNESS (Lavin):** That's correct, yes.

7 **THE VICE CHAIR:** Okay. All right. So, I do notice
8 that when you do put the site in, that your
9 coverage within the valley is quite improved and
10 it goes as far north as Bridgewater.

11 Is that correct? Yeah. Great. Thank you.

12 I have one more question here. Okay. What
13 is the Applicant's opinion as to the feasibility
14 of the alternative technology presented by ETI in
15 this proceeding?

16 **THE WITNESS (Lavin):** Yes. This is Martin Lavin for C
17 Squared Systems.

18 We haven't seen much in the record at all
19 that proves this is a commercially viable product.
20 In the original filing, an
21 eight-and-three-quarters-year-old study done from
22 600 feet up in Auckland, New Zealand, which I'm
23 not familiar with; there are a number of
24 measurements made. The 5.8 gigahertz license
25 band, that is about eight times the frequency of

1 our system.

2 Their every measurement is literally made
3 where there's an open line of sight back to the
4 tower. There's an active antenna used to pull in
5 the signal, which we don't have. There's no
6 indication of exactly what modulation scheme or
7 anything was used to transmit data from the tower
8 to the receiver.

9 But since then we've seen statements and
10 pictures, but that's all. No indication that
11 it's -- we have as in commercial use anywhere, and
12 we really don't know. We have beamforming now in
13 our higher bands, certainly in our commercially
14 available antennas that we're using now. And we
15 don't see an indication that this is a product
16 that's ready to be deployed in the field.

17 THE VICE CHAIR: So, basically there hasn't been enough
18 technical data provided for a real thorough
19 analysis on whether it's viable or not?

20 THE WITNESS (Lavin): What there is, is kind of thin
21 and a completely different frequency, and under
22 conditions that don't represent the land mobile
23 users we have.

24 THE VICE CHAIR: Very good. Thank you. That concludes
25 my questions for this afternoon.

1 MS. HALL: Mr. Morissette, may I ask a follow-up
2 question?

3 THE VICE CHAIR: Certainly, Ms. Hall. Please continue.

4 MS. HALL: You, in the discussion about the amount of
5 cut and regrading, you said that you would be
6 going from roughly a 30 percent to a 15 percent
7 slope. Are there local zoning guidelines on slope
8 on roads?

9 THE WITNESS (Weinpahl): Yes, David Weinpahl.

10 We -- a small portion, in the beginning of
11 the road, a small area is 30 percent. Much of it
12 is a little less than that and we can grade that
13 to 15.

14 In terms of the Brookfield code, our review
15 showed they were only concerned with the entrance
16 and tie-in to their road, which was 10 percent,
17 which we've been able to meet for that portion of
18 the road before we freeze up to 15 percent.

19 They -- we did not see anything pertaining to
20 minimum or maximum slopes for private roads in
21 their code.

22 MS. HALL: Thank you.

23 THE VICE CHAIR: Thank you, Ms. Hall.

24 We'll continue our cross-examination of the
25 applicants by Lake Lillinonah Shores Condo

1 Associations Number One and Number Two.

2 Richard Baldelli, good afternoon.

3 RICHARD BALDELLI: Good afternoon. First, thank you to
4 the Siting Council for giving us this opportunity
5 to ask our questions, and to Homeland for
6 hopefully answering them in some fashion. I have
7 approximately seven questions and I will just go
8 forward with them.

9 Knowing the impact of climate change in
10 Connecticut with its intensified heat waves and
11 heavier rainfalls, why is Homeland proposing a
12 straight shot, steeply graded, downhill earthen
13 driveway pointed directly at the town road in the
14 contiguous LLSCA property?

15 Now, I'm not familiar with your procedure.

16 Do I go through all my questions and sit back, or?

17 THE VICE CHAIR: No, you can do them one at a time.

18 That would be fine.

19 RICHARD BALDELLI: Okay. That's one question.

20 THE WITNESS (Weinpahl): Yes, David Weinpahl.

21 The road design before for us was agreed upon
22 with the access owner and is a feasible design,
23 albeit call it straight, if you wish to. We have
24 450 feet of swales included in the design. We
25 have eight check dams to slow down velocity of the

1 water.

2 RICHARD BALDELLI: Excuse me, sir. That's after the
3 driveway is completed. I am talking about from
4 the day you start grading to get up to the tower
5 or the proposed compound area.

6 ATTORNEY BALDWIN: Vice Chair Morissette, perhaps
7 Mr. Baldelli could let Mr. Weinpahl answer the
8 question and then follow up after that?

9 THE VICE CHAIR: Yes, Mr. Baldelli, if you could --

10 RICHARD BALDELLI: Oh, sorry.

11 THE VICE CHAIR: -- let him respond. Thank you.

12 THE WITNESS (Weinpahl): Again, David Weinpahl.

13 The road has been designed for a zero net
14 runoff. We have an extensive swale system
15 included. I realize some portions also run along
16 a stone party wall, which we are not going to
17 touch. The grade is fairly level through there
18 before heading down to tie into Hidden Brook where
19 we have a catchment area.

20 The last piece that we would need to complete
21 this design is -- is only in terms of a perc test
22 in that location to confirm soils that we had
23 determined online for use of that basin and the
24 size of it. That's how the road has -- has been
25 designed and -- and how it sits before us.

1 RICHARD BALDELLI: Thank you. Again, that doesn't
2 address during construction, but I'll go forward.

3 Other than the driveway road cut that is
4 shown on the application, did Homeland consider
5 any other road cut locations off of 38 Hidden
6 Brook, including the use of the existing driveway?

7 And -- I'm sorry. That's my question.

8 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

9 Yes, we -- we considered using the existing
10 paved driveway. We've met with the owner and they
11 would not allow access using the existing
12 driveway. We had also looked at, and per our
13 conversations with you, Rich, obviously about --
14 and it was asked earlier about coming on the south
15 side of the property behind the shed.

16 Mr. Weinpahl had previously answered the
17 reason why that that was not feasible, primarily
18 with right-hand turns, and I know the topography
19 drops off right over there as well. So, we did --
20 we did have conversations to try to understand if
21 there are any other options, and there were not.

22 RICHARD BALDELLI: Okay. Just to be clear, there were
23 not because the property owner didn't want it to
24 happen, not because it was engineeringly
25 impossible. Is that correct?

1 THE WITNESS (Weinpahl): Yes. David Weinpahl.

2 The design to the south end of the owner's
3 driveway, it -- it may be feasibly possible, but
4 it, certainly compared to the road design we have
5 now, would be -- be inferior to it for -- for our
6 access purposes.

7 RICHARD BALDELLI: Okay. Did Homeland consider it a
8 possibility that the straight downhill 600-foot
9 steeply graded earthen driveway, especially during
10 construction with its attendant truck equipment
11 and construction crew traffic would turn into a
12 veritable mud slide chute resulting in sediment
13 and sediment-laden water impacting the town
14 roadway in the contiguous LLSCA properties?

15 THE WITNESS (Weinpahl): David Weinpahl again.

16 We have a design with silt fencing throughout
17 our -- our limit of disturbance for the -- for the
18 project. And it's also been mentioned, I think,
19 Rich, in one of your comments to the Council about
20 perhaps getting a longer stabilized construction
21 entrance, which we have at 50 feet in length, and
22 we can consider in length, and increase that
23 length to a hundred feet for reasons you had
24 stated in -- in your correspondence to the
25 Council.

1 RICHARD BALDELLI: It's common knowledge in the
2 construction fields that using a curved driveway
3 access with appropriate erosion controls would
4 literally completely mitigate sediment and water
5 from running off the property. Did Homeland ever
6 consider doing that for the construction entrance?

7 THE WITNESS (Weinpahl): David Weinpahl.

8 Rich, I'm not sure I understand the question.

9 RICHARD BALDELLI: Okay. Instead of a straight-shot
10 driveway, it's common practice in the construction
11 field to use, I'll say, like an S-shaped type
12 driveway, a driveway with a bend and a curve going
13 from the bottom to the top. It's much easier to
14 add erosion controls and runoff protection on that
15 type of a driveway versus what's being proposed.

16 Did you consider that type of an access
17 during construction?

18 THE WITNESS (Weinpahl): David Weinpahl. Thank you for
19 clarifying, Rich.

20 The -- the entrance is located on the north
21 end of a parcel in Hidden Brook, and we are
22 accessing between the condo's property line and
23 the owner's existing driveway. We had -- that was
24 our limited space to work with, and to then bring
25 the road in in an S-turn would bring it either

1 towards the condo line or closer to the owner's
2 driveway in the design.

3 It did not seem to be the most feasible path
4 to take just solely for erosion control measures.

5 RICHARD BALDELLI: Well, I don't think there's any room
6 in between the proposed driveway and the condo
7 property.

8 But anyhow, is the proposed E and S or
9 erosion sedimentation control plan as the most
10 minimal plan that is possible? Did Homeland ever
11 consider doing a more enhanced erosion and
12 sediment control plan?

13 THE WITNESS (Weinpahl): David Weinpahl.

14 We would -- we would consider that, having
15 reviewed your correspondence to the Council.
16 There's four areas to the road, two are at 15
17 percent and two other sections are virtually flat.
18 So, a combination of double silt fencing on the
19 steeper areas could certainly be deployed here and
20 I don't think we would object to that. That would
21 help put that -- that item to bed, so to speak.

22 RICHARD BALDELLI: Two more questions and then I'll
23 stop badgering everyone. And I'm going to be
24 talking about drainage and I'm talking about
25 post-construction drainage with this question.

1 And I wonder why at the bottom of this
2 downhill 600- to 700-foot steeply sloping earthen
3 driveway, at about 50 feet above the town roadway,
4 you -- please excuse the term "you" -- Homeland is
5 choosing to install a 90 degree turn to then have
6 the drainage system go underneath the driveway and
7 into a basin that appears to be in contact with
8 the LLSCA property.

9 Recognizing that you probably would not be
10 touching our property, I am questioning the
11 practicality of a 90 degree turn at the bottom of
12 this slope, especially considering the heavy
13 downpours that we get nowadays.

14 Do you actually think that that's going to
15 function properly and not have runoff go into the
16 highway department -- I'm sorry, into the town
17 roadways?

18 THE WITNESS (Weinpahl): Yes, David Weinpahl again.

19 Rich, thanks for the comment. And this is
20 something we also did discuss when we met on the
21 site last week.

22 Just, you're talking about -- the 90 degree
23 you're referring to is a pipe that we were taking
24 at the bottom of our swale near the road that is
25 shown 90 degrees into our catchment area. Just

1 above that pipe location in the swale is a check
2 dam.

3 So, there will be slowing down of the water
4 as it enters that area. We are not envisioning
5 water flowing at a high velocity into that pipe,
6 and the 90 degree bend we don't believe is going
7 to hold back the water in any way.

8 We could -- we could make an adjustment to it
9 if it would please you more to shift that a bit.
10 Well, I'll -- I could work with our engineering
11 team to determine that, but the check dam system
12 upstream is going to slow all this water down.

13 RICHARD BALDELLI: We would appreciate you if you did
14 take a look at it. Thank you for your response.

15 And my final comment, which is actually a
16 question, which is a two-part question is in
17 regards to wildlife. As evidenced by the photos
18 that I submitted to the Siting Council, the
19 properties involved have deer -- a bear, deer,
20 turkeys, bobcat and foxes that consistently
21 transverse both properties.

22 When I say both properties, I mean the LLSCA
23 property and the property where the proposed cell
24 tower is going to go. And since the wildlife
25 doesn't really care about property lines, they

1 just straight line back and forth across there.

2 But the only item I found regarding wildlife
3 in the submission -- and I may have missed it, so
4 please point it out to me -- was a reference to
5 bats. So, was that correct?

6 Did you not reference any of this other
7 wildlife, that it was just bats? Or did I miss
8 the portion that spoke about wildlife?

9 THE WITNESS (Hosek): John Hosek with Trileaf.

10 So, there are other wildlife that are
11 included. And to answer your question, the deer
12 and the bears, they're not what's called
13 threatened and endangered species, which are the
14 wildlife that are considered.

15 RICHARD BALDELLI: I know they're not endangered.

16 We're more endangered from them. My question is,
17 did you take their habitat into consideration at
18 all when you designed this compound and the
19 associated activity that goes with it?

20 THE WITNESS (Hosek): John Hosek with Trileaf.

21 No, that would -- we only would look at the
22 impacts to threatened and endangered species.

23 RICHARD BALDELLI: Speaking of the -- okay. That's a
24 little concerning, but in regard to the bats cited
25 in the application, Homeland states that the cell

1 tower and its attendant construction may affect,
2 but not adversely affect the northern long-eared
3 bat and the tricolored bat, but the report doesn't
4 mention what that impact affecting the bats would
5 be.

6 Considering that the northern long-eared bat
7 is a federally endangered species and the
8 tricolored bat is a federally proposed endangered
9 species, and their submitted report is silent on
10 all wildlife, other than mentioning those two
11 items, is there a possibility that Homeland would
12 provide the Siting Council and the public with a
13 much more thorough wildlife report?

14 That's my question.

15 THE WITNESS (Hosek): I'm not sure really how to answer
16 that in terms of other than the threatened and
17 endangered species themselves -- but for the bats,
18 they do follow strict regulations to limit or not
19 affect those species.

20 So, any other wildlife that are not on that
21 list would be not considered. So, it would be
22 disturbed, given that the whole area is wooded and
23 the impact is only temporary.

24 THE WITNESS (Vergati): This is Ray Vergati, Homeland
25 Towers.

1 I'll take that answer one step further. We
2 would agree to and adhere to a TOY, a time-of-year
3 restriction for tree clearing, which would prevent
4 any tree removal between April 15th through
5 September 30th. And that specifically relates to
6 the two bat species, northern long-eared and the
7 Indiana, which are potential habitats --
8 tricolored, sorry, tricolored bat.

9 RICHARD BALDELLI: So, you're not willing to do any
10 additional analysis of the wildlife that utilizes
11 that property -- is what you're telling me.

12 Is that correct?

13 ATTORNEY BALDWIN: Vice Chair Morissette, I think the
14 question has been answered, but again, the
15 response that we typically give to the Siting
16 Council based on its requirements is to consider
17 potential endangered or threatened species.

18 Certainly, there are other species out there,
19 but as Mr. Hosek said, they are not listed as
20 threatened or endangered species, which is the
21 species that are evaluated consistently in these
22 applications.

23 THE VICE CHAIR: Well, yes. And according to the
24 response, the answer was that the Applicant, as
25 required, reviewed endangered species only. So,

1 his question is, is the Applicant willing to go
2 beyond that? And I think a simple yes or no would
3 be appropriate.

4 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

5 I don't see the need nor would we need to
6 agree to go beyond what's currently been outlined
7 as species in the area.

8 RICHARD BALDELLI: Thank you, everyone, for allowing me
9 to ask my questions. Much appreciated.

10 THE VICE CHAIR: Thank you, Mr. Baldelli.

11 Now we'll continue with cross-examination of
12 the Applicant by the Town of Brookfield. First
13 Selectman Dunn, good afternoon.

14 FIRST SELECTMAN DUNN: Hello, sorry. I have a
15 question. When we initially had an offer from
16 Homeland to possibly build a tower on town
17 property behind our high school on 7 Long Meadow
18 Hill, Homeland Tower came to us at the very end
19 and said, oh, we don't want to pay you any rent
20 for over ten years because it will cost \$300,000
21 to build the road to the tower.

22 And what I would ask, so instead of paying us
23 rent, we would use that ten years of payments to
24 pay for the road, offset the cost of the road.

25 Where did Homeland Tower get the number of

1 \$300,000 to build that road? Our head of public
2 works who has 30-plus years of experience said it
3 would cost no more than \$80,000 to build that
4 road. Where did that number come from?

5 **THE WITNESS (Vergati):** This is Ray Vergati.

6 And I'm happy to speak to the history of
7 Homeland Towers dealing in good faith with the
8 Town for over a year and a half. But in response
9 specifically to First Selectman Dunn's question on
10 where the \$300,000 road cost came from, the
11 Council should be aware that we looked at three
12 parcels with the Town over a year and a half,
13 provided eight site visits, deeds, titles, health
14 and safety reports, visual reports.

15 I appeared six or eight -- six or seven times
16 before the board of selectmen. We finally settled
17 on the high school property. The Town did their
18 research and decided that 1500 feet was the magic
19 number from a health and safety perspective. So,
20 they literally pushed us 1500 feet away from the
21 high school. That doesn't mean it was a 1500 foot
22 road.

23 The road was extremely challenging to build
24 1500 feet, even though there was an existing cross
25 track or walking trail that needed to be improved.

1 It was steep slopes. There was a wetland
2 crossing. There was tree removal.

3 We paid our construction manager and a
4 construction firm independently to evaluate, walk
5 the site, and they both came up with the
6 construction costs around \$280,000. We came back
7 to the Town with a cost of \$300,000, just knowing
8 the construction business in this, in this world
9 that there's change orders and things go up.

10 The Town's public works department, it was
11 actually a hundred thousand, Mr. Dunn, not \$80,000
12 that your public works department came up with for
13 the cost of the road.

14 So, what we had told the Town is that
15 initially we said, if you're going to force us to
16 be 1500 feet away from the school, we want a rent
17 abatement for that \$300,000 cost. And basically
18 with the rental terms, it would have been roughly
19 a twelve-year rent abatement to recoup those
20 costs.

21 After negotiation with Mr. Dunn, as well as
22 the town attorney being included on e-mails,
23 Attorney Thomas Beecher, we came back to the Town
24 and said, look, we will honor the original rent
25 terms, in this case \$2,000 or 25 percent of the

1 rents, and we will not ask for a rent abatement if
2 the road is \$100,000 or less, and let me explain
3 that.

4 We said, if we go to construct the road on
5 the high school property and it costs us, let's
6 say, 150,000 dollars and the Town is telling us it
7 should be no more than a hundred -- we know world
8 case financials that we would say, okay. We would
9 want a rent abatement for anything over \$100,000.
10 We thought that was very fair on our -- on our
11 part.

12 We were giving the Town free space. I did
13 see Mr. Dunn's letter that was sent to the Council
14 at the eleventh hour today. I'm happy to discuss
15 it in further details, but I want the Council and
16 Mr. Dunn to know that we spent a year and a half
17 in good faith working with the Town. And I've got
18 a really nice relationship with Mr. Dunn, but I
19 just really found the letter to be a little
20 disingenuous on his part and the Town's part. And
21 this has played out before with the Town.

22 This is my third tower in town. The first
23 one is on town property. The second one, this
24 exact same scenario played out. We gave the Town
25 first crack, put it at their highway garage in

1 Grays Bridge road. And they declined because
2 there was a board of selectmen member that, quote,
3 unquote, said, it's not worth the Town's effort.

4 So, here we are in the third location, the
5 third tower in Brookfield. I gave the Town every
6 opportunity to have it on town property, worked in
7 good faith and politics jumped in. It's a
8 three-member board. There's one prior first
9 selectwoman, Tara Carr, dead set against towers
10 and politics got involved.

11 And at the end of the day, I asked Mr. Dunn
12 to send us to a referendum vote to the residents
13 so the residents for the Town's code would vote on
14 it. Mr. Dunn neglected -- and e-mailed back to
15 me; neglected to do that. We had no choice -- to
16 go to private property.

17 I told the Town consistently, we don't want
18 to lease the Homeland Towers on town property. We
19 will go to a private property. And you know what
20 I was told by one of the selectmen? Mr. Vergati,
21 you have a very poor poker face. I don't think
22 you have any other private properties to work
23 with.

24 We didn't want to go to a private property.
25 We wanted to work in good faith with the Town. We

1 put a lot of time and effort and resources into
2 that, and it just didn't work out.

3 And I'm happy to answer further questions on
4 the letter that Mr. Dunn sent to the Council
5 today.

6 FIRST SELECTMAN DUNN: Yeah, I don't want to get in an
7 argument with you, Mr. Vergati, but I remember you
8 came to me on the Vale Road -- on the public works
9 property, and there was not a long discussion. We
10 did not have enough space in our public works
11 facility to accommodate a tower.

12 Ms. Carr was not on the board at that time,
13 and we simply said to you -- it was a very short
14 conversation. We simply said to you, we don't
15 have the space to give you on our public works
16 spot. We -- we just didn't. Then you moved to
17 the Vale Road property, which was fine.

18 But the only place you asked us to put a cell
19 tower was on our public works site, which is
20 already too small for the people and staff and
21 equipment we have there. That's the only reason
22 we said no. I don't know if anybody else on the
23 board of selectmen had spoken to you, but that was
24 a very quick, short conversation.

25 My concern here is that when we look at the

1 Hidden Brook site, you had filed and paid for an
2 easement on that property about a year before we
3 had these conversations about putting this tower
4 on town property. So, it was pretty clear to
5 me --

6 THE VICE CHAIR: Excuse me, First Selectman Dunn?
7 Excuse me?

8 FIRST SELECTMAN DUNN: Yes?

9 THE VICE CHAIR: This is not your opportunity to
10 testify. This is your opportunity to ask
11 questions of the panel about the application.

12 FIRST SELECTMAN DUNN: Okay. I'll ask a question.

13 THE VICE CHAIR: You will be cross-examined later in
14 the hearing, and that will be your time to --

15 FIRST SELECTMAN DUNN: Okay.

16 THE VICE CHAIR: -- provide information. Thank you.

17 FIRST SELECTMAN DUNN: Sorry. Sorry. I do have a
18 question, then. Why would you buy and pay for an
19 easement for a property that you didn't want to
20 use?

21 THE WITNESS (Vergati): This is Ray Vergati, Homeland
22 Towers.

23 Are you specifically talking about the spend
24 for access utilities across 38 Hidden Brook Drive?

25 FIRST SELECTMAN DUNN: Yeah. Yes.

1 THE WITNESS (Vergati): Homeland Towers -- and it's
2 recorded. It's public information. That easement
3 was recorded on town records. It's a zero-dollar
4 easement. The landlord did not charge us anything
5 to cross their property over access and utilities.

6 FIRST SELECTMAN DUNN: Okay. I'm done. Thank you very
7 much. I apologize. I thought if Mr. Vergati
8 could talk on and on about the process, I could,
9 too. So, I apologize.

10 THE VICE CHAIR: Certainly. Mr. Vergati was responding
11 to a question, and it was his opportunity to
12 answer those questions, but your turn will come.
13 Thank you. And thank you, First Selectman Dunn.

14 Okay. What we're going to do, we're going to
15 take a 15-minute break. We will come back at
16 3:45.

17 And I understand that we have three open
18 questions, Attorney Baldwin. Is that the same
19 number that you have?

20 ATTORNEY BALDWIN: It is, Vice Chair Morissette. I
21 have the closest home to the previously considered
22 high school site. And then information regarding
23 Vale Road tower, consistent with what we've
24 provided in the interrogatories, and the Wewaka
25 Brook tower.

1 So, we have most of that information already,
2 but we'll be prepared to respond accordingly when
3 we come back on the record.

4 THE VICE CHAIR: Very good. Thank you, everyone.

5 We'll see you at 3:45.

6

7 (Pause: 3:30 p.m. to 3:45 p.m.)

8

9 THE VICE CHAIR: Thank you, everyone. We're back.

10 Is the Court Reporter back with us?

11 THE REPORTER: I am, and we're on the record.

12 THE VICE CHAIR: Thank you. Very good. We're back on
13 the record. Thank you.

14 We will now continue with cross-examination
15 of the Applicants by Electromagnetic Technologies
16 Industry, Inc, by John Howard or Steve Jalil.

17 JOHN HOWARD: Okay. John Howard. I have a couple of
18 questions, if I may?

19 THE VICE CHAIR: Yes, please continue.

20 JOHN HOWARD: The first point is that ETI technologies
21 came from the military, and it applies to all
22 frequencies. It includes, not active, but passive
23 antennas and passive beamformers and passive
24 beam-shaping networks.

25 Now, I have the following question to

1 Mr. Lavin. He showed that we sent two examples,
2 one at 2.6 gigahertz and the other at 5.8. Is he
3 suggesting that we cannot use this technology at a
4 lower frequency, 700 megahertz?

5 And incidentally, we did use that in Mexico
6 City.

7 THE WITNESS (Lavin): It's Martin Lavin. I'm with C
8 Squared Systems.

9 I'm suggesting that we have no proof in front
10 of us that can be used in any of those
11 frequencies. And what we have on the other
12 frequencies I think is one PowerPoint slide and a
13 lengthy report of 5.8 gigahertz with a dozen, or a
14 dozen and a half measurements taken at locations
15 that have line of sight.

16 JOHN HOWARD: We can always provide better proofs in
17 the twelve countries that our systems are working,
18 including the United States.

19 Now, the second question is, Mr. Perrone
20 asked some very relevant questions for which no
21 conclusive answer was provided. I would like to
22 ask the following question. If from the three
23 sides, existing sides, in Vale Road, Carmen Road,
24 and in Bridgewater Wewaka, you can cover the
25 unserved areas, would you forego the application

1 for a new tower?

2 THE WITNESS (Lavin): I would say based on what we have
3 in front of us, no, we would not
4 (unintelligible) --

5 JOHN HOWARD: Well, what would be the reason to put in
6 the tower --

7 THE VICE CHAIR: Mr. Howard? Mr. Howard, if you would
8 allow Mr. Lavin to answer the question, please?

9 THE WITNESS (Lavin): The evidence we have in front of
10 us does not indicate that this product has
11 demonstrated -- at our frequencies, has
12 demonstrated in a land mobile carrier's network
13 that it works at all. There are statements that
14 it does, but there's no evidence, no trials, no
15 land mobile usage; somebody going around a city
16 and measuring everywhere and not just like they
17 did in Auckland only where there's line of sight.

18 We have no indication to make Verizon
19 confident in any way that this thing is ready for
20 prime time.

21 JOHN HOWARD: Have you used multi-beam technology, both
22 in azimuth and elevation?

23 THE WITNESS (Lavin): We -- the beamforming antennas
24 are in current use across Verizon's network,
25 especially at the upper frequencies.

1 JOHN HOWARD: And do they provide multiple frequencies
2 in azimuth and elevation simultaneously?

3 THE WITNESS (Lavin): I believe they do. They form the
4 beams to steer towards the users, ACPCS, AWS,
5 C-band, 3700.

6 JOHN HOWARD: If we can prove to you that you can cover
7 the unserved area with the existing towers, would
8 you forgo this application?

9 THE WITNESS (Lavin): This is Martin Lavin of C Squared
10 Systems again.

11 No, I don't believe Verizon would, because
12 proving it -- even if it could be proved in one
13 site, the whole process of becoming an approved
14 vendor and then coming to commercial terms with
15 Verizon is very lengthy and we have a current need
16 to overloaded sectors to get a site in here.

17 JOHN HOWARD: Well, you know, it can be easily done.
18 Unfortunately -- as I said, we do sell to other
19 companies. And I'm sorry that it takes so long
20 for you to approve this, but the object of the
21 exercise is that it can be done.

22 And your answer to Mr. Perrone was that you
23 didn't do a proper study and so on and so forth
24 for the existing --

25 ATTORNEY BALDWIN: Vice Chair Morissette, I'm sorry for

1 interrupting, but Mr. Howard will have an
2 opportunity to present his case. This is not the
3 time for him to be testifying.

4 JOHN HOWARD: I'm sorry.

5 THE VICE CHAIR: Yes, yes. Mr. Howard, if you have any
6 additional questions, please continue.

7 JOHN HOWARD: No, I will leave my colleague to ask his
8 questions.

9 THE VICE CHAIR: Very good.

10 STEVE JALIL: Good afternoon. Steve Jalil from ET
11 Industries, and this question is directed to
12 Mr. Lavin.

13 I see that you're using an antenna, a GMA
14 antenna at 700 -- JMA, I believe, is the
15 manufacturer -- at 700 megahertz. This antenna
16 has a vertical beam width of 14 degrees.

17 Is that correct?

18 THE WITNESS (Lavin): I'd have to double check the cut
19 sheets for that. It's entirely possible.

20 STEVE JALIL: Okay. So secondly, as a follow-up
21 question, is that antenna a single-sector antenna
22 or is it a multi-sector antenna?

23 THE WITNESS (Lavin): There are four antennas up there,
24 each serving one sector.

25 STEVE JALIL: Okay. So, your 700 megahertz solution

1 where you show these coverage maps where there is
2 no coverage, I assume the white means no coverage?

3 THE WITNESS (Lavin): That is correct. It's
4 unreliable.

5 STEVE JALIL: Okay. Very good. Very good. So, here
6 you're telling me that using an antenna with one
7 single 14 degree beam is enough to cover the
8 wooded area of Brookfield, Connecticut?

9 THE WITNESS (Lavin): On the proposed site, the antenna
10 that's proposed is commercially available and has
11 proven itself to be able to do exactly that and,
12 in my 38 years of experience in RF, exactly what
13 we need.

14 STEVE JALIL: Would you consider a solution that has
15 elevation and beam shaping and beam forming in
16 elevation?

17 And azimuth elevation in this case is
18 pivotal. Are you considering this to fill in gaps
19 in a region like a Brookfield that has a lot of
20 fauna and trees? The forest absorbs a lot of
21 signal, as you may know, when you go directly
22 through the trees. Therefore, you have to come at
23 angles.

24 Have you considered this at 700 megahertz,
25 which has the better propagation characteristics

1 as opposed to 3.7? You're pointing out that you
2 have beamforming at 3.7. Have you tried to use
3 this at 700?

4 THE WITNESS (Lavin): I'm not sure of the state of the
5 vendors that have approached Verizon to go through
6 a trial and to become approved vendors and then
7 get their products approved for inclusion in the
8 network. To the best of my knowledge, ETI's
9 products are not among them.

10 And in terms of getting this site built to
11 relieve the current capacity situation, we have no
12 evidence in front of us that this will work.

13 STEVE JALIL: Have you considered a higher gain antenna
14 as opposed to 15 dB?

15 THE WITNESS (Lavin): The antenna that is on there is
16 the appropriate one to provide the coverage across
17 the four sectors.

18 JOHN HOWARD: What is an appropriate antenna?

19 THE WITNESS (Lavin): And it's provided by a vendor,
20 JMA, that provided, I'm sure, thousands, tens of
21 thousands of antennas to Verizon. It has become
22 an approved vendor and has gotten their products
23 approved for inclusion in the network.

24 STEVE JALIL: Yeah, but we're dealing with specific
25 topography where there's valleys, there's forests.

1 part of that association. And we have a beach
2 with docks and boats and paddle boards and so on,
3 which is part of the association. About 60 homes
4 are part of the association paying right now,
5 though all hundred can use the property if they
6 would like.

7 So, beginning with the northern long-eared
8 bat, what we see that is available, it does have
9 residency at habitat in Brookfield. What is
10 Homeland going to do to further explore?

11 Just not doing construction between April and
12 September does not really signify the review
13 necessary for this particular bat that is known to
14 be in Brookfield and is seen probably -- we see
15 many bats at dusk from this beach site. So, we
16 would like to know if it's part of the Habitat in
17 this area with an expert. Is that possible?

18 THE WITNESS (Hosek): John Hosek with Trileaf.

19 Generally the main guidance to avoid any
20 headaches or anything for the bats is doing it
21 during the time-of-year restriction. That
22 eliminates any nests that may be there for them.

23 As far -- as far as having escorts there
24 during that process, I would leave that up to
25 Homeland.

1 ELAINE SIMOES: No other comment -- I'll continue.

2 As far as the bog turtle, there are bog
3 turtles in Brookfield. They have been observed in
4 our association. What expert was consulted about
5 the bog turtle and the fact that it is on the list
6 to be reviewed?

7 THE WITNESS (Hosek): Again, John Hosek with Trileaf.

8 We have qualified scientists that go out and
9 review the area for species, and we consult with
10 the US Fish and Wildlife and Connecticut DEP on
11 these. And we came to the conclusion that they
12 agreed with us that no habitat was present for the
13 proposed area.

14 ELAINE SIMOES: Did they -- I'm sorry. Are you
15 complete? Did they come out and review the area
16 in person?

17 THE WITNESS (Hosek): John Hosek with Trileaf.

18 Are you speaking in terms of US Fish in
19 Connecticut?

20 ELAINE SIMOES: Yes, whoever would review for the bog
21 turtle as far as the State. And did they --

22 THE WITNESS (Hosek): I do not believe they did. We --
23 they went off of photos we provided them of the
24 area.

25 ELAINE SIMOES: So, why wouldn't they come out and

1 review?

2 ATTORNEY BALDWIN: Mr. Morissette, I don't know that we
3 can speak to the protocols and procedures from the
4 DEEP or US Fish and Wildlife, but I think
5 Mr. Hosek did testify that their experts did go
6 out to the site and made their determinations
7 based on those visits.

8 ELAINE SIMOES: Does that include the monarch butterfly
9 which has been seen at the water's edge?

10 THE WITNESS (Hosek): That would be correct.

11 ELAINE SIMOES: So, based on your photos and
12 simulations, they observed that there were no
13 monarch butterflies?

14 THE WITNESS (Hosek): That would be correct.

15 ELAINE SIMOES: Okay. If we send you pictures of them
16 at the beach, that would change your answer?

17 THE WITNESS (Hosek): Not necessarily. Just because
18 they're at the beach does not mean they would be
19 in our area for the proposed tower. And --

20 ELAINE SIMOES: Do you know where the beach is in
21 comparison to where the tower will be?

22 Hello?

23 THE WITNESS (Hosek): Yes, the beach is roughly half a
24 mile away.

25 ELAINE SIMOES: Right in front of the tower, that's

1 correct.

2 THE WITNESS (Hosek): Yes.

3 ELAINE SIMOES: Okay. Moving on. There are wetlands
4 everywhere. Has a person come out physically to
5 review the wetlands?

6 Because in some places you say 350, other
7 places you say a different number.

8 THE WITNESS (Brogie): This is Martin Brogie with --
9 with MBI. I'm the soil scientist of record from
10 this -- for the application.

11 In May of 2025 I went out to the site and
12 delineated the wetlands as shown on the -- on the
13 project plans and in a report that I generated
14 June 7, 2025. And we estimated at that time about
15 350 to 400 feet of the wetlands. And I think the
16 engineers have lasered in after picking up the
17 wetland flags via survey and distance from the
18 tower to be about 335 feet.

19 Also the wetlands themselves are not
20 consistent with bog turtle habitat. I thought I
21 might say that they typically tend to be
22 associated with calcareous fens and bogs and --
23 and wet meadows, and here we have a red maple
24 swamp.

25 ELAINE SIMOES: Okay. Question, on this 300 -- I'm

1 sorry, 175-foot cell tower will not impact the
2 migratory birds, and why was not a consultant
3 reviewing the matter?

4 THE WITNESS (Hosek): John Hosek, Trileaf.

5 That's correct. We did evaluate for the
6 effect on migratory birds and determined that
7 there would not be an effect.

8 ELAINE SIMOES: And what is the impact on eagles?

9 THE WITNESS (Hosek): John Hosek, Trileaf.

10 Eagles are handled differently. They are
11 threatened and endangered, so they -- they do
12 require us to look at known nests, and there are
13 no known nests within 330 feet of the proposed
14 tower. And so, therefore no impacts are
15 presented.

16 ELAINE SIMOES: And what part of the year was that
17 reviewed?

18 THE WITNESS (Hosek): We look at all active nest sites
19 that are known, and when on site we look for any
20 potential nest.

21 ELAINE SIMOES: And what is the closest nest that
22 you've observed?

23 THE WITNESS (Hosek): I do not have the answer to that
24 at this time.

25 ELAINE SIMOES: Is that something you can find out?

1 THE WITNESS (Hosek): Yes, I can take that as a
2 homework question.

3 ELAINE SIMOES: Nests have been observed in the cove
4 and off Hidden Brook along the shores of Lake
5 Lillinonah. And eagles have been observed flying
6 exactly over the tower with pictures. Are you
7 aware?

8 THE WITNESS (Hosek): I'm not aware, no.

9 ELAINE SIMOES: Will that impact your decision or your
10 report?

11 THE WITNESS (Hosek): We do go to -- we do still look
12 for nests, and if any nests are observed then the
13 US Fish and Wildlife Department is contacted on
14 how to proceed.

15 ELAINE SIMOES: So, the Bald and Golden Eagle
16 Protection Act is in the State, and a question has
17 been forwarded to them by the Endangered Species
18 Act project that is reviewing. So, they are --
19 will be reviewing for eagle nests as well?

20 THE WITNESS (Hosek): That is correct.

21 ELAINE SIMOES: So, they did not -- were not aware?
22 Were they aware, I should say?

23 Did you contact bald and eagle -- the section
24 that reviews Bald and Golden Eagle Protection Act
25 in the wildlife service?

1 THE WITNESS (Hosek): Are you asking for that specific
2 agency?

3 ELAINE SIMOES: Correct.

4 THE WITNESS (Hosek): Did we contact them? No, we --
5 we did not specifically contact that agency. We
6 contacted US Fish, the State, and known eagle
7 nests -- quote, known eagles nests.

8 ELAINE SIMOES: Okay. Will you be contacting them for
9 review?

10 THE WITNESS (Hosek): That is not part of the general
11 process for that review.

12 ELAINE SIMOES: Okay. They have been contacted by the
13 supervisor and they will be reviewing -- I should
14 not testify, I guess.

15 A question on vernal ponds. There are vernal
16 ponds in the area. When were they observed or not
17 observed?

18 THE WITNESS (Brogie): This is Martin Brogie with
19 Martin Brogie, Inc, the delineating soil scientist
20 of record.

21 The wetlands that were characterized on
22 the -- characterized on the site as part of the
23 wetland delineation didn't indicate the presence
24 of potential vernal pools. No areas of standing
25 water were noted within the wetlands. There was a

1 watercourse further to the southwest where the two
2 wetlands joined, but nothing indicative of
3 potential vernal pools.

4 ELAINE SIMOES: Vernal pools pop up at any time between
5 March and May, I believe. Is that correct?

6 THE WITNESS (Brogie): Yes, I was out there in May.

7 ELAINE SIMOES: This year it has been an extremely wet
8 year. Should this be reviewed again, because
9 vernal ponds do pop up where there were no vernal
10 ponds before?

11 THE WITNESS (Brogie): Martin Brogie, for the record.

12 Particularly, a wet year may cause increased
13 ponding, but I have never seen a vernal pool
14 created as a result of -- of excessive rainfall.
15 Typically, they are year after year. They need
16 enough hydrology to sustain vernal pool habitat.

17 And so, additional rain wouldn't render the
18 areas of vernal pools when they were not a vernal
19 pool the year before.

20 ELAINE SIMOES: So, all the vernal pools that exist, no
21 more will appear, new ones. Is that correct?

22 THE WITNESS (Brogie): Typically, they've been around
23 for a very, very long time unless they've been
24 man-altered.

25 ELAINE SIMOES: Won't that area be man-altered when you

1 construct the tower?

2 THE WITNESS (Brogie): Martin Brogie, for the record.

3 Not in the area of the tower. There's --

4 there's no area where water will accumulate as a
5 result of construction.

6 ELAINE SIMOES: Okay. Moving on, are you aware of the
7 bobolink bird?

8 THE WITNESS (Hosek): Can you repeat the bird's name?

9 ELAINE SIMOES: Bobolink.

10 THE WITNESS (Hosek): Give me one moment.

11 Is that -- just for clarification, is that a
12 threatened or endangered species?

13 ELAINE SIMOES: It is.

14 THE WITNESS (Hosek): I know for this site it was a
15 lengthy list and the only species that were
16 concerned were the bats.

17 ELAINE SIMOES: The bobolink lives in Gurski pond --
18 I'm sorry, Gurski Park and it is very close to the
19 proposed site. Should that be reviewed, because
20 it is an endangered species?

21 ATTORNEY BALDWIN: Mr. Morissette, I don't quite
22 understand the reason for the question about a
23 species that occurs at another location other than
24 the proposed tower site. I'm just not sure --

25 ELAINE SIMOES: (Unintelligible) the bird fly in the

1 area --

2 ATTORNEY BALDWIN: Excuse me? Excuse me. I'm not sure
3 how our experts are supposed to answer that
4 question. They can speak, certainly speak to
5 species that may occur on the property; those have
6 been investigated.

7 THE VICE CHAIR: Yes, the Witness has testified that
8 they performed their analysis associated with the
9 site. Now, if species occur offsite in other
10 areas, that is not part of their analysis.

11 So therefore, they've identified the species
12 that have been identified for purposes of review
13 and that's as far as their analysis has gone. So,
14 there's no need to ask further questions about
15 other species that were not included in their
16 analysis. So, please continue.

17 ELAINE SIMOES: Are you aware of the flooding that
18 occurred on Hidden Brook Drive?

19 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

20 I'm not aware of flooding that has occurred
21 on Hidden Brook Drive, not to say it hasn't, but
22 I'm not quite sure.

23 Hidden Brook Drive is a relatively longer
24 road. It's got high points and low points, so I'm
25 not exactly sure what you're speaking about.

1 ELAINE SIMOES: So, there has -- the homes along Hidden
2 Brook Drive, along the area you proposed, do have
3 a problem with water. And when there was that,
4 those huge rainstorms in Connecticut, the bridge
5 along Hidden Brook Drive right before the curve
6 going up the steep height, and then the turn to go
7 towards your access point of 38, that road was
8 washed out for many days because of flooding.

9 So, with the movement of all this soil there
10 will be more flooding? That is my question.

11 THE WITNESS (Weinpahl): Dave Weinpahl.

12 We designed our access road with a net-zero
13 runoff from our portion of the property. I did
14 observe the road the last time I was there, coming
15 from 38 to 42 Hidden Brook, down to -- of 38 to 40
16 to 42 going south.

17 Near 42 Hidden Brook is the low point of the
18 road in that section. I did observe several catch
19 basins that the Town has placed there. I don't
20 know if they've been there for 5 years, 10 years,
21 20 years, but the road is all pitching in that
22 direction.

23 All the homes that are on the east side of
24 Hidden Brook, their driveways are -- are coming
25 down towards Hidden Brook Road where their runoff

1 might be off their asphalt driveways. Everything
2 then heads to the south, and then after -- their
3 section addressed 42. I'm not sure what the rest
4 of the Town's system is designed for, but that was
5 my observation.

6 **ELAINE SIMOES:** Will water run around the area of your
7 construction and go past 42 Hidden Brook Drive?

8 Because it goes to least access -- I mean,
9 for most access. Correct?

10 **THE WITNESS (Weinpahl):** David Weinpahl again.

11 At the entrance of our road there, there's an
12 asphalt apron. That is really the only portion.
13 We -- we cannot control the water where it will
14 then get into the road and follow the remaining
15 water from the neighboring homes to the south and
16 head to the -- in the southerly direction.

17 **ELAINE SIMOES:** So, my question was about the homes
18 that are to the right of the access road and do
19 not have these limitations on water. Will the
20 water run off from above the mountain through
21 there into other people's backyards?

22 **THE WITNESS (Weinpahl):** David Weinpahl again.

23 I don't -- I did not review or analyze other
24 homes along the road and how their -- their
25 drainage systems are currently set up. Just as an

1 observation, their driveways are -- are pitched
2 towards Hidden Brook, the homes that are on the
3 east side.

4 In terms of their -- their internal impacts
5 for stormwater, I'm not able to speak to that.

6 ELAINE SIMOES: In your -- in Trileaf's attachment
7 number ten, why wasn't Merwin Brook included in
8 your water bodies?

9 ATTORNEY BALDWIN: Can you reference a specific page
10 for us so we can respond to that question?

11 ELAINE SIMOES: It's part of your Fish and Wildlife
12 August 14th informal biological assessment.

13 ATTORNEY BALDWIN: Okay. And again, the question is?

14 ELAINE SIMOES: What happened to Merwin Brook? Why
15 wasn't it also part of the report?

16 THE WITNESS (Hosek): Are you -- this is John Hosek
17 with Trileaf.

18 Are you talking about referencing that table?

19 ELAINE SIMOES: Yes. Merwin Brook is probably the
20 closest brook to all of them and was not
21 mentioned. My question is, why wasn't it
22 mentioned, because that's what flooded?

23 THE WITNESS (Hosek): So that, those items are noticed
24 as a part of the field visit. So, we may not have
25 seen the flooding or the -- or that brook at that

1 time.

2 So, the (unintelligible) --

3 ELAINE SIMOES: So, you're saying Hop Brook and
4 Housatonic River, that are posted, flood?

5 ATTORNEY BALDWIN: Objection. No, that's not what he
6 said. He was speaking specifically about the
7 brook that you mentioned and the brooks that were
8 identified in his plan.

9 ELAINE SIMOES: Okay. So, why was not Merwin Brook
10 identified in the plan? Was it missed?

11 THE WITNESS (Brogie): If you allow me one moment to
12 find that on the map?

13 ELAINE SIMOES: Sure, you can look at the map part of
14 site evaluation. It's right there in big letters
15 on your map of the streets and elevations.

16

17 (Pause.)

18

19 THE WITNESS (Brogie): Hi. Martin Brogie, for the
20 record.

21 Merwin Brook flows northward approximately a
22 thousand feet west of our tower location, and it's
23 about 150 feet below our tower in -- in elevation.

24 ELAINE SIMOES: So, that's why Hop Brook was chosen and
25 Lake Lillinonah, but not Merwin Brook as part of

1 the report. Correct?

2

3 (No response.)

4

5 ELAINE SIMOES: Moving on. Was iron encountered in the
6 soil because Brookfield has a high content of iron
7 in the soil?

8 THE WITNESS (Brogie): Martin Brogie, for the record,
9 soil scientist.

10 We did not do any soil analysis associated
11 with this project to evaluate iron content. I
12 assume that iron would be present in the soil.

13 ELAINE SIMOES: Isn't there a higher risk of fires due
14 to iron in soil?

15 THE WITNESS (Brogie): Martin Brogie, for the record.

16 I, as a soil scientist of 36 years, I have --
17 I have not heard that.

18 ELAINE SIMOES: Are builders aware that we've been hit
19 by two microbursts in this community and a
20 blizzard on Halloween that brought down many, many
21 trees that closed Hidden Brook Drive for days?

22 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

23 I'm a resident of Connecticut. I remember
24 those storms. I remember Brookfield was hit
25 relatively hard, and I recall conversations with

1 town officials that cell service was critical
2 during those times because of the microbursts and
3 the trees coming down, the land lines going down.

4 But yes, I'm aware of the Halloween storm and
5 the microbursts.

6 ELAINE SIMOES: You're aware you might not have access
7 to Hidden Brook Drive then?

8 THE WITNESS (Vergati): Ray Vergati, Homeland Towers.

9 We can't control, obviously, trees that would
10 fall over an access drive. That is why we do
11 underground utilities to harden the site, but I
12 can't control Mother Nature, obviously.

13 ELAINE SIMOES: You -- the towers being created is
14 designed to 120-mile-per-hour winds. What about
15 the generator and all the cabinets?

16 Like I said, many, many trees have fallen
17 during these storms. I've spoken of three. Are
18 they going to be designed for higher wind and the
19 ability to handle 20 falling trees, because they
20 are -- you said trees are 80 feet high. So, these
21 trees can hit the base.

22 THE WITNESS (Weinpahl): David Weinpahl.

23 Pertaining to that, we have around 13 trees
24 around our fence compound. Any equipment in the
25 compound is anchored. We're not expecting them to

1 blow off its pad. We try and balance out tree
2 removal to the compound fence and not leave any
3 tree canopy extending into the fence above.

4 But we cannot control trees, say, 30 feet
5 from our fence, and which way they may or may not
6 fall. If they come down, we will replace a broken
7 fence or -- or deal with an equipment replacement
8 if needed.

9 ELAINE SIMOES: You're going to require a large crane,
10 200-foot high?

11 THE WITNESS (Weinpahl): David Weinpahl again.

12 The crane size has not been specified as of
13 yet, but it will -- will be a substantial crane in
14 order to stack a 175-foot monopole. Correct.

15 ELAINE SIMOES: And the elevation of Hidden Brook Drive
16 will not be a problem with this crane, considering
17 the water's edge is at 195 feet and it goes up to
18 375 for the tower?

19 THE WITNESS (Weinpahl): David Weinpahl.

20 We've designed a road to accommodate all
21 construction vehicles, including a crane or a
22 stack in the tower.

23 ELAINE SIMOES: And is Hidden Brook Drive designed as
24 well?

25 THE WITNESS (Weinpahl): David Weinpahl.

1 Yes, we have -- we see no reason to not be
2 able to get a crane up Hidden Brook Drive.

3 ELAINE SIMOES: The backup generator runs for 50 hours?

4 THE WITNESS (Glidden): This is Liz Glidden with
5 Verizon Wireless.

6 Yes.

7 ELAINE SIMOES: We've lost power in our area for over a
8 week. How would you handle that?

9 THE WITNESS (Glidden): It would -- for the record,
10 this is Liz Glidden.

11 We would refuel it.

12 THE WITNESS (Weinpahl): David Weinpahl again.

13 Also to add to Liz's response, there's a
14 low-fuel alarm often that Verizon has used in the
15 past to -- to measure when their diesel fuel might
16 be going below a certain level. So, that will
17 trigger them to go refuel it before it gets too
18 low.

19 ELAINE SIMOES: The reason why I'm asking is because it
20 was during those storms that we didn't have power
21 for a week, so we didn't have access to roads
22 either. So, I don't know how you'd refuel if the
23 road is closed.

24 Moving on. The FCC broadband shows a hundred
25 percent coverage for these areas. What does that

1 mean by the FCC map site?

2 THE WITNESS (Lavin): This is Martin Lavin for C
3 Squared Systems.

4 The FCC maps are created for a different
5 purpose. They're intended to show upload and
6 download speeds. Within there, there's fixed
7 broadband, there's mobile broadband.

8 In order to get the coverage that represents
9 what we're talking about here, you have to set the
10 tool for proper percentage of coverage. You have
11 to set it for mobile broadband. You have to set
12 it for Verizon. You have to set it for in-vehicle
13 coverage -- actually, that's not even covering
14 the -- that's covering minus 95 coverage. There
15 is no minus 85 coverage, which we have for
16 in-building coverage.

17 You have to set for either 4G, which is the
18 most basic service we have with no speed
19 specified; or 5G at 7 megabits per second
20 downlink, 1 meg -- 1 megabit per second uplink, or
21 5G with 35 megabits per second downlink, 3
22 megabits per second uplink.

23 There's a lot of settings in there. If you
24 just go in and look at Verizon, it will show you
25 you have coverage, but that's probably outdoor.

1 And all those hexagons, which actually are about a
2 hundred times or more larger than the resolution
3 of our data that we produced in the plots --
4 basically, it will show you, this whole thing,
5 whether it's on or off, and there's a percentage
6 of coverage associated with each one.

7 If you just go in and look at it without
8 setting the percentage of coverage correctly, it
9 will show you a big red or blue or green hexagon.
10 And unless you hover over that hexagon, it won't
11 tell you that only 10 or 20 percent of it is
12 covered.

13 If you get everything set properly, the FCC
14 broadband maps are similar to ours, even though
15 they're not exactly the same basis. They're
16 talking about download speeds instead of coverage
17 levels. That's -- Verizon provides that data as
18 specified by the FCC for their purposes, and we --
19 in the design process, we use our processes and
20 our coverage criteria to design the network.

21 ELAINE SIMOES: What is the range of a 4G antenna?

22 THE WITNESS (Lavin): Certainly, all across New England
23 it depends on where you put it. Foliage and
24 terrain are limiting factors. So, in any given
25 spot, this will -- I think it will cover half a

1 mile or maybe two miles easily. It could be even
2 less than that. It all depends on exactly where
3 it is.

4 As Vice Chair Morissette pointed out, there's
5 a -- we're not -- we're lacking coverage here
6 because of the terrain on each side of the river.
7 So again, it's -- it's a function of exactly where
8 it is and how high it is.

9 ELAINE SIMOES: What is the range of 5G antennas?

10 THE WITNESS (Lavin): Pretty much the same explanation.

11 ELAINE SIMOES: When you say 4G, it's several miles and
12 5G is one and a half, max?

13 THE WITNESS (Lavin): No. I said 4G ranges anywhere
14 from maybe a quarter of a mile even up to two
15 miles, perhaps. Again, it's entirely based on
16 where the tower is, how high it is, and which
17 direction you're talking about.

18 If you're backing to a hill, it won't go very
19 far that way. If it's got a valley out in front
20 of it, it will go much further.

21 ELAINE SIMOES: So, you mentioned that the tower is
22 required to do data, as opposed to making a phone
23 call outside?

24 THE WITNESS (Lavin): No. The tower -- everything is
25 digital in our systems now. We have only 4G and

1 5G right at the moment. That network carries
2 voice and data.

3 **ELAINE SIMOES:** Where is the gap along Hidden Brook
4 Drive and Cove Road and Barkwood Falls in general?

5 **THE WITNESS (Lavin):** It's, in general, as shown on the
6 plots in the vicinity of where the proposed tower
7 is.

8 **ELAINE SIMOES:** Because I can make a phone call with
9 Verizon throughout that area. Has anybody done
10 that, or done a drive test?

11 **THE WITNESS (Lavin):** I don't know if a drive test has
12 been conducted. I know this is based on lack of
13 coverage in that area. A voice call is the least
14 stressful thing except for a text message. On the
15 network, it requires the least amount of signal.

16 Our data speeds are a hundred times more than
17 a call, and more than that requires much more
18 signal. So, that's --

19 **ELAINE SIMOES:** So, you are saying that this tower is
20 going to be needed for data?

21 **THE WITNESS (Lavin):** It's voice and data, yes.

22 **ELAINE SIMOES:** So, voice is covered and it would be
23 shown through a drive test, but that has been
24 neglected --

25 **THE WITNESS (Lavin):** For voice and data, data has a

1 higher requirement for signal strength. If you've
2 got data coverage, you've got voice coverage.

3 ELAINE SIMOES: The FCC requires towers to be up that
4 70 percent -- with more than 70 percent -- I'm
5 sorry, less than 70 percent coverage in the area
6 for voice. So, you're not meeting those
7 requirements. They're above. You're asking for
8 data as well?

9 THE WITNESS (Lavin): I'm sorry. Can you repeat the
10 question? I don't think I caught the very first
11 part there.

12 ELAINE SIMOES: Are there more than -- is there less
13 than 70 percent coverage in the area for voice?

14 THE WITNESS (Lavin): I don't have a percentage of
15 coverage. And it -- and it matters whether you're
16 inside a building, inside a vehicle or outside.

17 I know Verizon has met its buildout
18 requirements in this area based on the criteria
19 set by the FCC. I don't have a percentage of
20 coverage for the area because, as you can see in
21 the -- in the plots, it's not covering every part
22 of the currently unserved area, but we're doing as
23 much as we can with one site.

24 ELAINE SIMOES: So, you're using simulations? Or how
25 is the data put together to show the gap maps?

1 THE WITNESS (Lavin): It's -- it's based on modeling,
2 which is tuned with drive test data. In our
3 particular case, in C Squared Systems, we've done
4 thousands of tests across New England and possibly
5 compare them to simulations.

6 In our -- over the past 25 years, we have
7 gotten our models to where they are extremely
8 reliable.

9 ELAINE SIMOES: But not compared to a drive test?

10 THE WITNESS (Lavin): Drive tests only cover roads.

11 We're talking about coverage over the whole area.

12 ELAINE SIMOES: You're talking about coverage inside a
13 home, of a stucco home on Cove Road.

14 Is that correct?

15 THE WITNESS (Lavin): We don't specify stucco anywhere
16 on the home we're in. Our criteria are based on
17 years of experience for Verizon in what provides
18 sufficient coverage into the wide variety of
19 buildings, anything from wood to stucco to steel
20 buildings, to everything else.

21 We can't go and measure, of course, inside
22 everyone's house to see what they're doing. So,
23 we have to come up with criteria for in-vehicle
24 and in-building coverage that satisfy the coverage
25 requirements.

1 ELAINE SIMOES: How does cell coverage work in a stucco
2 home made out of cement? Is there less --

3 THE WITNESS (Lavin): There is certainly --

4 ELAINE SIMOES: -- less ability to have --

5 THE WITNESS (Lavin): There is certainly quite a lot
6 of --

7 ELAINE SIMOES: -- coverage in that home?

8 THE WITNESS (Lavin): A stucco home probably has more
9 loss than a wood-frame home. Verizon has to
10 address the majority, the overall set of
11 residential buildings in the area based on
12 distribution of how many are -- how many are wood,
13 how many are bricks, how many are stucco.

14 They've come up with criteria they've
15 formulated over the years, and they constantly
16 reevaluate whether that addresses the coverage
17 situation.

18 ELAINE SIMOES: So, these homes on Cove that are in the
19 valley, maybe at 240 level -- so, level, they
20 probably will not have coverage in their homes,
21 especially if they're stucco with this tower?

22 THE WITNESS (Lavin): That's not what I said. We
23 address the distribution of different homes.
24 We -- we don't have to -- we can't go from home to
25 home figuring out one at a time and whether

1 they're covered.

2 We've -- Verizon establishes its coverage
3 criteria. As seen on the plots, minus 85 is
4 considered to be sufficient for general in-home
5 coverage, in-building coverage. You know, I'm not
6 just --

7 ELAINE SIMOES: I'm sorry, could you repeat -- oh,
8 sorry.

9 THE WITNESS (Lavin): It's -- it's in-building
10 coverage, not necessarily just in-home commercial
11 buildings, residential buildings. Minus 95 is the
12 general criterion for coverage inside a vehicle,
13 and those are the things they design to.

14 ELAINE SIMOES: Okay. Moving on. Is it true that
15 iPhones now have 911 coverage ability for those
16 people that will never have coverage in their home
17 because of the valley and what their home is made
18 from?

19 THE WITNESS (Lavin): I'm not sure what you're exactly
20 asking. Any phone can call 911 when it's in
21 coverage.

22 ELAINE SIMOES: Well, I'm saying if it doesn't have
23 coverage, it goes along with satellite?

24 THE WITNESS (Lavin): I'm not a hundred percent sure,
25 but the carriers are making arrangements with the

1 satellite providers to have emergency coverage via
2 text message in areas where there is no coverage.

3 It requires that you cannot be in a building,
4 you cannot be in a vehicle, you cannot be under a
5 tree and have it still work, and all you get is
6 text messages. And that's if you were in the
7 right -- you happen to be in that situation in the
8 right wide-open area and the satellite is all set.
9 It happens to be going over and it's not having a
10 capacity problem or anything of that nature.

11 You can probably get a text message out with
12 certain phones.

13 ELAINE SIMOES: Why don't your maps include Wewaka
14 since -- and why weren't they updated with Wewaka
15 since you'll be adding 9 and 10 as to there?

16 THE WITNESS (Lavin): That came in late after the plots
17 were produced. That particular site doesn't
18 provide any coverage over here due to the ridge on
19 the eastern side of the river.

20 ELAINE SIMOES: So, will it provide coverage to
21 Bridgewater?

22 THE WITNESS (Lavin): It provides coverage to
23 Bridgewater in the vicinity of where it is, but
24 the terrain prevents it from going over to this
25 side of the river.

1 ELAINE SIMOES: How did you come up with 15 houses,
2 homes seen by the balloon and by the tower? What
3 homes were you speaking of?

4 THE WITNESS (Allen): This is Matt Allen, Saratoga
5 Associates.

6 Could you reference where that is stated?

7 ELAINE SIMOES: Okay. I will have to get back to that
8 because I'm going to have to go through the
9 reports, because I'm not sure where that's
10 referenced. I just remembered the number.

11 THE VICE CHAIR: Ms. Simoes, this is your opportunity
12 to ask questions. You're not going to have
13 another one.

14 ELAINE SIMOES: Okay, I have other questions.

15 THE VICE CHAIR: Okay.

16 ELAINE SIMOES: I'll come back to that one.

17 Was Pocono Road's cell tower also evaluated
18 to be increased in antennas, and will that impact
19 the coverage?

20

21 (Pause.)

22

23 ELAINE SIMOES: I'm sorry, do I have to restate that?

24 THE WITNESS (Vergati): No, I'm just looking up to make
25 sure I'm discussing the correct site.

1 Brookfield South is -- increasing antennas
2 wouldn't change anything. The antennas we have
3 are the antennas we would replace it with. A
4 change of antennas wouldn't bring coverage into
5 this area, again because pretty much every site in
6 this area is blocked from covering this area by
7 the ridges on both sides of the river.

8 ELAINE SIMOES: Oh, sorry. It was in the photo, cell
9 tower number nine attachment where you mentioned
10 14 lakefront homes will have visibility of the
11 tower. How did you come up with that number?

12 THE WITNESS (Allen): I was looking for that number
13 originally and I didn't hear your immediate
14 question. Could you repeat that?

15 A VOICE: Page 7, Matt.

16 ELAINE SIMOES: On attachment number nine, you
17 mentioned that there's only 14 lakefront homes
18 that have visual on the cell tower.

19 Is that true, and how did you come up with
20 14? What homes are they?

21 THE WITNESS (Allen): That would -- this is Matt Allen.

22 That would have been an approximation using
23 the viewshed map that are figures A-1 and A-2 in
24 attachment nine, simply looking at where the
25 viewshed intersects at or near residential

1 structures. So, this --

2 ELAINE SIMOES: Not realizing that all the homes on the
3 waterfront on Cove and all the homes on the other
4 side of Cove that are not waterfront would be --
5 have the tower viewable, and that all of
6 Bridgewater in that area, which is about 35 homes,
7 would also have visual? Did anyone assess that?

8 THE WITNESS (Allen): This is Matt Allen with Saratoga
9 Associates.

10 The homes were not visited. The -- the
11 assessment, the number provided was an estimate
12 based on desktop mapping analysis. Those homes
13 could be -- the direct visibility from those homes
14 by the -- the actual homeowners could have been
15 assessed and that was one of the purposes for the
16 balloon visibility test. Those homeowners could
17 have assessed for themselves.

18 Obviously, the Applicant does not have access
19 to visit each and every home during the balloon
20 visibility test. So, we go by desktop mapping to
21 estimate the number of affected properties.

22 ELAINE SIMOES: Talking about the balloon test, could
23 you explain the balloon test?

24 THE WITNESS (Allen): Matt Allen, Saratoga Associates.

25 Yeah. Is there anything specific about the

1 balloon test? I can go into the methodology, or
2 there is --

3 ELAINE SIMOES: How does the balloon test with a
4 string -- I guess, is the top of the balloon at
5 175 feet?

6 THE WITNESS (Allen): Matt Allen, Saratoga Associates.
7 Yes, it is.

8 ELAINE SIMOES: How is it a test for -- the wind and
9 the movement of the string, because a tower will
10 not move -- so, that it's no longer at 175 feet?

11 THE WITNESS (Allen): Matt Allen, Saratoga Associates.
12 That's always one of the drawbacks of balloon
13 visibility tests. We watch the weather very
14 closely before we conduct the balloon test and
15 generally make it known in public notice that
16 the -- the balloon test will be confirmed within
17 24 hours prior to the balloon test based on wind
18 forecasts. If wind forecasts are in excess of
19 seven to eight miles an hour, we will tend to
20 cancel the balloon test because the reliability of
21 the height is not where we would like it to be.

22 That said, in the case of this, this balloon
23 test, I believe it was scheduled to last up until
24 approximately noon on the day of the test. And
25 the weather was forecast to be within our

1 parameters during that timeframe, and
2 unfortunately the wind picked up a little bit
3 after 11 a.m., and the -- the balloon was no
4 longer stable. So, we had to cut the test off
5 at -- at about 11:15, 11:30 that day.

6 However, the balloon was stable prior to that
7 and we gathered all of the field photography that
8 was necessary to document the balloon test within
9 the time that the balloon was stable.

10 And again, with -- with that said, the
11 balloon is not the end result of visual impact
12 analysis; it's one of the tools that we use. And
13 that balloon test was actually not required, but
14 was conducted as a courtesy to the community. The
15 visual impact assessment actually includes a
16 number of photo simulations where the -- the tower
17 depicted in those simulations is quite accurate as
18 to where it would fall within that photograph.

19 So again, the balloon test was provided to
20 give the neighbors an opportunity to observe and,
21 you know, you can do the best you can with the
22 wind. And I think we were -- largely, that was a
23 successful balloon test because we did have a
24 period of several hours where the balloon was
25 stable. But unfortunately, you know, as has been

1 mentioned earlier, we can't control the weather so
2 we do the best we can.

3 **ELAINE SIMOES:** So, you're saying at 11:15 your
4 engineer noticed that the balloon was entangled?

5 **THE WITNESS (Allen):** Matt Allen, Saratoga Associates.
6 Yes, that's what was reported to me about
7 that timeframe.

8 **ELAINE SIMOES:** Was it reported by our board of
9 selectmen or reported by your own person?

10 **THE WITNESS (Allen):** It was -- it was reported by our
11 own field technician. I don't know. I have seen
12 a letter from the board of selectmen that that was
13 about the timeframe that it was also noticed by
14 the selectmen that that had happened, so that the
15 information from both sources was consistent.

16 **ELAINE SIMOES:** Not to testify, but we actually have
17 pictures that it was extremely entangled earlier.

18 And there are people that's -- the balloon
19 shown on your schematics, your photo is higher
20 than the cell tower simulation. Why is that?

21 **THE WITNESS (Allen):** Can you point to a specific
22 photograph you're referring to?

23 **ELAINE SIMOES:** Sure. Just give me a second.

24 Well, above the high school, for one. We
25 have pictures of being higher, and it is higher.

1 ATTORNEY BALDWIN: Which photograph is that?

2 THE WITNESS (Allen): Oh. Matt Allen, Saratoga
3 Associates.

4 I think I can -- can point you to that.
5 There's a letter in appendix nine after the
6 initial visual impact assessment report, the
7 letter dated December 15th discussing the balloon
8 test methodology. And in that is Exhibit 1, photo
9 five, where photographs taken during the balloon
10 tests are compared to photographs taken prior to
11 the balloon test with the tower simulated.

12 And I believe you mentioned that the balloon
13 is noticeably higher than the simulated tower.
14 I -- I would dispute that. I think the top of the
15 tower and the -- the way we measure the balloons
16 is we use 175 feet, in this case, of tether and I
17 believe it was a four-foot diameter balloon. So,
18 the bottom of the balloon is at or about 175 feet
19 based on whatever wind drift was at that given
20 moment.

21 And when I compare the -- the photograph of
22 the balloon with the photo simulation, and those
23 are images that are on the same page in Exhibit 1,
24 I don't see an appreciable discrepancy.

25 ELAINE SIMOES: And we have photographs showing that it

1 is. What about the balloon test on the following
2 photographs, on Obtuse Road North?

3 THE WITNESS (Allen): Matt Allen, Saratoga Associates.

4 You're referring to Exhibit 1, photo eight
5 and the comparison?

6 ELAINE SIMOES: Correct.

7 THE WITNESS (Allen): Yeah, the balloon test and the
8 photo simulation. Again, my -- my observation of
9 those photographs is the -- the bottom of the
10 balloon is very, very close to the top of the
11 tower in the simulation.

12 I -- I don't see a difference that would
13 alter the commission's interpretation of the
14 visual degree of visibility or character of the
15 tower. They are very, very close.

16 ELAINE SIMOES: Okay. I'll have to observe those a
17 little better. Okay. Moving on.

18 Will Bridgewater have their fire antennas and
19 radios on the Wewaka -- or do they have it on the
20 Wewaka already, the tower?

21 ATTORNEY BALDWIN: Vice Chair Morissette, I'm not sure
22 anyone on our panel can speak to emergency service
23 antennas on the Wewaka Road Tower.

24 THE VICE CHAIR: Yeah. Very good, Attorney Baldwin.

25 Please continue, Ms. Simoes. They're not

1 going to answer the question.

2 ELAINE SIMOES: Why were no balloon -- I'm sorry,
3 simulated and balloon tests done for Cove Road?

4 THE WITNESS (Allen): Are you talking -- excuse me.
5 Matt Allen, Saratoga Associates.

6 Are you talking about, is there a lack of
7 photographs of this balloon test from Cove Road?

8 ELAINE SIMOES: There's a lack of cell tower visibility
9 from Cove Road completely.

10 THE WITNESS (Allen): Are you referring to a specific
11 photograph?

12 ELAINE SIMOES: There are no photographs of Cove, from
13 Cove Road and from the beach area or from
14 Deerfield Road.

15 THE WITNESS (Allen): Is there public access to the
16 beach in that area?

17 ELAINE SIMOES: I don't know. Did you try to find out
18 if there was public access?

19 THE WITNESS (Allen): Not entirely -- yeah, Matt Allen,
20 Saratoga Associates.

21 I'm not entirely sure precisely where you are
22 referring to. We would not have gone there if
23 that area did not have an affected result on the
24 viewshed map. If it did, then it would have to --
25 there would have to be public access to it in

1 order for us to -- to actually go there. We would
2 not go to some place that was not publicly
3 accessible. So that, that could be the answer to
4 your question.

5 ELAINE SIMOES: Yes. What is a micro dish on top?
6 That's one of the things that you'll be adding to
7 the tower.

8 THE WITNESS (Vergati): This is Ray Vergati, Homeland
9 Towers.

10 The Brookfield, in addition to their two
11 antennas off the top and one antenna around 90
12 feet, they would like to place one two-foot
13 diameter microwave dish off the very top of the
14 tower.

15 ELAINE SIMOES: And how much higher over 175 feet will
16 that, all these antennas and micro dish be?

17 THE WITNESS (Vergati): Typically, we'll work with
18 public safety entities and the carriers. They
19 tend to like separation of roughly three to five
20 feet.

21 So, if you were to look at 175-foot tower or
22 the top of Verizon's antennas -- or let's call it
23 right around 175, 174, we would look to most
24 likely do a 3-foot mount off the top of the tower
25 to gain that separation between public safety

1 antennas and the commercial carrier antennas.

2 ELAINE SIMOES: And how much further would you increase
3 the tower height from 175 if you chose to?

4 THE WITNESS (Vergati): We wouldn't be increasing the
5 tower height. It would remain at 175. Right now
6 the -- we're still working with the entities on
7 their particular antennas, but their eleven feet
8 was one, one of them I saw proposed. So, that
9 would just add to the overall appertainance height
10 of the tower.

11 So, if you did some simple math, 175 plus
12 3-foot separation gets you to 178. And if you
13 were to do an 11-foot antenna in length, 189,
14 about 190 to the top appertainance of the tower.

15 ELAINE SIMOES: And then you would do another three to
16 five feet for the fire department?

17 THE WITNESS (Vergati): No, they would all come off at
18 around the 178-foot level. Again, we would work
19 with the Verizon engineer as well as Bridgewater
20 Fire Department, which is represented by the
21 Litchfield County Dispatch. And we would also
22 work with Brookfield, their consultant, NORCOM,
23 NORCOM Connecticut, as they want to put fire,
24 police and public works.

25 So, we would bring all three together and

1 make sure that they're all fine with the
2 separation.

3 ELAINE SIMOES: Okay. Is there Frontier on Hidden
4 Brook Drive already -- oh, no. How does Frontier
5 come into play in your paperwork design?

6 THE WITNESS (Glidden): This is -- this is Liz Glidden
7 with Verizon.

8 They would -- we would have a fiber provider
9 bring it in for us.

10 ELAINE SIMOES: So, all our -- everything is
11 underground in our community for visual effects
12 because these are million-dollar homes, especially
13 on the water, three million or so. So, you're
14 going to be doing under -- asking them to do
15 underground fiber by Frontier?

16 THE WITNESS (Glidden): Along the roadways, yes.

17 And I should say in the public right -- this
18 is Liz Glidden -- in the public right-of-way, yes.

19 ELAINE SIMOES: There's an area that says something
20 about wildlife that should be done within 90 days,
21 the evaluation. Should that report be redone
22 since it was done a year ago?

23 ATTORNEY BALDWIN: Could you point us to that, the
24 reference material that you're speaking to, just
25 so we're on the same page?

1 ELAINE SIMOES: Sure. Let me just find it for you.

2 I'm looking at attachment ten first.

3

4 (Pause.)

5

6 THE VICE CHAIR: Ms. Simoes, it's getting late in the

7 afternoon. We don't have time to be looking

8 through documents to try to figure this out.

9 ELAINE SIMOES: Okay. So, I'll have to pose that

10 question in the future.

11 THE WITNESS (Hosek): I think -- this is John with

12 Trileaf. I think I can answer that.

13 You might be referring to the -- the letter

14 from the US Department of Interior where it

15 specifies the species list should be verified

16 after 90 days.

17 ELAINE SIMOES: Oh. Just the species list, as opposed

18 to the species living in the area?

19 THE WITNESS (Hosek): Correct. So --

20 ELAINE SIMOES: Could any of this gap be solved by

21 people putting antennas on their roofs? Because

22 there is an antenna on Riverford, which is behind

23 Barkwood Falls Association, that someone has

24 around a pole that has increased service there --

25 since there aren't that many people that lack

1 service.

2 THE WITNESS (Lavin): As I believe was addressed in our
3 submissions, we don't have small cells, I'm
4 guessing. Those are not a practical approach to
5 providing this much coverage. And if the power
6 goes off, there's no power backup for them.

7 That --

8 ELAINE SIMOES: Well, most --

9 THE WITNESS (Lavin): -- the poles, they would only be
10 providing coverage mainly along the road, because
11 there's trees along both sides and the trees in
12 this area are generally taller than your standard
13 35-foot utility pole.

14 ELAINE SIMOES: Well, I'm talking about people's homes,
15 antennas on the roofs and they would have
16 generators for electricity.

17 THE WITNESS (Lavin): I don't know of any equipment
18 that's intended to be in a home and accessible to
19 the public. There are boosters or femtocells you
20 can put in the house, but they cover about 30 or
21 40 feet. You have to be provisioned by the owner
22 to use it. They don't hand off to each other.

23 And basically, it's not a practical approach
24 because you have to go house to house and put an
25 antenna on every roof of every house in the area,

1 which seems completely impractical.

2 ELAINE SIMOES: Okay. I believe that's about all my
3 questions for now.

4 THE VICE CHAIR: Very good. Thank you.

5 Okay. It's getting late in the afternoon, so
6 we're going to wrap this hearing up this
7 afternoon. But Attorney Baldwin, we have some
8 open questions.

9 First of all, before we go there, I want to
10 address the distance to the eagle's nest. Were
11 you able to find that out in the interim since the
12 question was asked?

13 ATTORNEY BALDWIN: The closest eagle's nest?

14 THE WITNESS (Hosek): So -- yes. So, that is not
15 information that actually can be found out from
16 the field. It has to be requested for each
17 specific site.

18 THE VICE CHAIR: Okay. Very good. And the open
19 pending items, I think there's three of them.

20 Attorney Baldwin?

21 THE WITNESS (Vergati): Sure, Chair Morissette. Yeah,
22 Ray Vergati, Homeland Towers. I'll address the
23 three items that were homework assignments.

24 The first one was a question on the Wewaka
25 Brook. The tower owner at SBA, that tower height

1 is 170. Verizon is proposing to have a centerline
2 of 156. The approximate distance from the SBA
3 tower to our proposed facility is approximately
4 2.04 miles southeast. Our facility is to the
5 southeast, 2.06 miles.

6 The second homework assignment was a question
7 on the Vale Road Tower, which is 60 Vale Road.
8 Infra Towers is the owner of that. That tower is
9 165 feet. Verizon is -- the centerline of 151.
10 The distance between the 2 Vale Road Tower and the
11 proposed tower is 3.6 miles, with Vale Road being
12 to the south.

13 And the third question that was asked was the
14 closest home to the high school, to a residence.
15 We looked at a number of locations on the high
16 school property, which has an address of 7 Long
17 Meadow Road. Actually, the high school is 45 Long
18 Meadow Road, but ultimately we zeroed in with the
19 Town on the abutting property. It's not really a
20 high school property; it's the Gurski Park
21 property, which is 7 Long Meadow. There was an
22 option C location on that property.

23 The closest home was 4 Murphys Lane, and that
24 would be roughly 1,250 feet to the east from
25 option C that we had worked on with the Town.

1 THE VICE CHAIR: Very good. Thank you for that
2 followup.

3 Mr. Perrone, any follow-up questions on the
4 responses?

5 MR. PERRONE: No, Mr. Morissette. Thank you.

6 THE VICE CHAIR: Very good. So, with that, I have all
7 open items closed. And we will close out the
8 hearing for this afternoon.

9 The Council will recess until 6:30 p.m., at
10 which time we will commence with the public
11 comment session of this public hearing.

12 Thank you, everyone. Have a nice evening,
13 and we'll see you at 6:30. Thanks.

14

15 (End: 4:56 p.m.)

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CERTIFICATE

I hereby certify that the foregoing 124 pages are a complete and accurate computer-aided transcription of my original verbatim notes taken of the REMOTE TELECONFERENCE MEETING of THE CONNECTICUT SITING COUNCIL EVIDENTIARY HEARING In Re: DOCKET NO. 548, HOMELAND TOWERS, LLC, AND CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS APPLICATION FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE, AND OPERATION OF A TELECOMMUNICATIONS FACILITY AND ASSOCIATED EQUIPMENT LOCATED AT 38 AND 42A HIDDEN BROOK DRIVE, BROOKFIELD, CONNECTICUT, which was held before JOHN MORISSETTE, THE VICE CHAIR, on April 9, 2026.



Robert G. Dixon, CVR-M 857
Notary Public
My Commission Expires: 6/30/2030

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