TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS

PROJECT NAME:	**VERIZON WIRELESS – Cronomer Hill**
PROJECT NO.:	**2024-22**
PROJECT LOCATION:	**SECTION 34, BLOCK 2, LOT 21**
REVIEW DATE:	**26 JULY 2024**
MEETING DATE:	**1 AUGUST 2024**
PROJECT REPRESENTATIVE:	**YOUNG SOMMER LLC (SCOTT OLSON)**

1. The application proposes a new wireless communication monopole tower off of NYS Route 32. Project is on the east side of Route 32 oppositethe two Paffendorf Drive access points.

2. The project should be submitted to the Town's Wireless Consultant to commence review. Project is subject to the "shot clock".

3. The Site Plan identifies cargo containers utilized for storage for some use on the site. Compliance with Section 185-15.1 should be documented for the cargo containers.

4. The proposed monopole structure is 124 feet high with the proposed wireless arrays located at 120 feet.

5. The Planning Board may wish to declare its intent for Lead Agency.

Respectfully submitted,

MHE Engineering, D.P.C.

Patrick J. Hines
Principal
PJH/kbw

NEW YORK OFFICE
33 Airport Center Drive, Suite 202, New Windsor, NY 12553
845-567-3100 | F: 845-567-3232 | mheny@mhepc.com

PENNSYLVANIA OFFICE
111 Wheatfield Drive, Suite 1, Milford, PA 18337
570-296-2765 | F: 570-296-2767 | mhepa@mhepc.com

PLANNING BOARD OF THE
TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

In the Matter of the Application of

VERIZON WIRELESS OF THE EAST LP d/b/a Verizon Wireless

Lands n/f Steven D. Crisci, Sr.
248 N Plank Road
Town of Newburgh, Orange County, New York
Section 34, Block 2, Lot 21

STATEMENT OF INTENT and APPLICATION FOR SPECIAL USE PERMIT and SITE PLAN REVIEW

Submitted by:

Verizon Wireless
Kathy Pomponio, Principal Engineer - Real Estate/Regulatory
1275 John Street, Suite 100
West Henrietta, New York 14586
(585) 321-5435

Tectonic Engineering & Surveying Consultants, P.C.
Steven M. Matthews, P.E.
36 British American Blvd., Suite 101
Latham, New York 12110
(518) 783-1630

Tectonic Engineering & Surveying Consultants, P.C.
Jackie Bartolotta, Project Manager
3495 Winton Pl., Building E, Suite 260
Rochester, New York 14623
(585) 270-8373

Young/Sommer LLC
Scott P. Olson, Esq.
Executive Woods
Five Palisades Drive
Albany, New York 12205
(518) 438-9907

Dated: June 5, 2024

TOWN OF NEWBURGH
APPLICATION FOR
SUBDIVISION/SITE PLAN REVIEW

RETURN TO: Town of Newburgh Planning Board
308 Gardnertown Road
Newburgh, New York 12550

DATE RECEIVED: _____ **TOWN FILE NO:**_____
(Application fee returnable with this application)

1. **Title of Subdivision/Site Plan (Project name):**
   Verizon Wireless - Cronomer Hill Communications Facility

2. **Owner of Lands to be reviewed:**
   Name Steven D. Crisci, Sr.
   Address 5270 RT 9W
   Newburgh, NY 12550
   Phone TBD

3. **Applicant Information (If different than owner):**
   Name Verizon Wireless of the East LP d/b/a Verizon Wireless
   Address 1275 John St., Suite 100
   West Henrietta, NY 14586

   Representative Young Sommer LLC (Scott Olson)
   Phone 518-438-9907 Ext. 258
   Fax N/A
   Email Solson@youngsommer.com

4. **Subdivision/Site Plan prepared by:**
   Name Tectonic Engineering
   Address 36 British American Blvd., Suite 101
   Latham, NY 12110

   Phone/Fax 518-783-1630

5. **Location of lands to be reviewed:**
   248 N Plank Rd

6. **Zone** Business **Fire District** Cronomer Valley Fire District
   Acreage 5.50 **School District** Newburgh City School District

7. **Tax Map: Section** 34 **Block** 2 **Lot** 21

8. **Project Description and Purpose of Review:**
   Number of existing lots N/A **Number of proposed lots** N/A
   Lot line change N/A
   Site plan review Installation and operation of New public
   Clearing and grading _____
   Other _____

PROVIDE A WRITTEN SINGLE PAGE DESCRIPTION OR NARRATIVE OF THE PROJECT

9. **Easements or other restrictions on property:**
   (Describe generally) None reported in Title Report for property

10. **The undersigned hereby requests approval by the Planning Board of the above identified application and scheduling for an appearance on an agenda:**

Signature _____ **Title** Attorney for Applicant

Date: 6/7/23

NOTE: **If property abuts and has its access to a County or State Highway or road, the following information must be placed on the subdivision map or site plan: entrance location, entrance profile, sizing of pipe (minimum length of pipe to be 24 feet).**

The applicant will also be required to submit an additional set of plans, narrative letter and EAF if referral to the Orange County Planning Department is required under General Municipal Law Section 239.

FEE ACKNOWLEDGEMENT

The town of Newburgh Municipal Code sets forth the schedule of fees for applications to the Planning Board. The signing of this application indicates your acknowledgement of responsibility for payment of these fees to the Planning Board for review of this application, including, but not limited to escrow fees for professional services (planner/consultant, engineering, legal), public hearing and site inspection.* Applicant's submissions and resubmissions are not complete and will not be considered by the planning board or placed upon its agenda unless all outstanding fees have been paid. Fees incurred after the stamping of plans will remain the responsibility of the applicant prior to approval of a building permit or certificate of occupancy. Fee schedules are available from the Planning Board Secretary and are on the Town's website.

* Subject to Applicable LAW

Scott Olson, Attorney for Applicant
APPLICANT'S NAME (printed)

APPLICANTS SIGNATURE

6/7/23
DATE

Note: if the property abuts and has access to a County or State Highway or road, the following information must be place on the subdivision map: entrance location, entrance profile, sizing of drainage pipe (minimum length of pipe to be twenty-four (24) feet).

PLANNING BOARD DISCLAIMER STATEMENT
TO APPLICANTS

The applicant is advised that the Town of Newburgh Municipal Code, which contains the Town's Zoning Law, is subject to amendment. Submission of an application to this Board does not grant the applicant any right to continued review under the Code's current standards and requirements. It is possible that the applicant will be required to meet changed standards or new Code requirements made while the application is pending.

An approval by this Board does not constitute permission, nor grant any right to connect to or use municipal services such as sewer, water or roads. It is the applicant's responsibility to apply for and obtain the Town of Newburgh and other agency approvals not within this Board's authority to grant.

The applicant hereby acknowledges, consents, and agrees to the above.

6/7/23
DATED

Scott Olson, Attorney
APPLICANT'S NAME (printed)

Scott Olson
APPLICANT'S SIGNATURE

DISCLOSURE ADDENDUM STATEMENT TO APPLICATION, PETITION AND REQUEST

Mindful of the provisions of Section 809 of the General Municipal Law of the State of New York, and of the Penal provisions thereof as well, the undersigned applicant states that no State Officer, Officer or Employee of the Town of Newburgh, or Orange County, has any interest, financial or otherwise, in this application or with, or in the applicant as defined in said Statute, except the following person or persons who is or are represented to have only the following type of interest, in the nature and to the extent hereinafter indicated:

✓ **NONE**

_____ **NAME, ADDRESS, RELATIONSHIP OR INTEREST**
(financial or otherwise)

_____

_____

_____

This disclosure addendum statement is annexed to and made a part of the petition, application and request made by the undersigned applicant to the following Board or Officer of the Town of Newburgh.

_____ **TOWN BOARD**
✓ **PLANNING BOARD**
✓ **ZONING BOARD OF APPEALS**
_____ **ZONING ENFORCEMENT OFFICER**
✓ **BUILDING INSPECTOR**
✓ **OTHER**

6/7/23
DATED

_____
INDIVIDUAL APPLICANT

Scott Olson, Attorney
CORPORATE OR PARTNERSHIP APPLICANT

BY: Scott Olson
(Pres.) (Partner) (Vice-Pres.)
(Sec.) (Treas.)

PROXY

(OWNER) Steven D. Crisci, Sr., DEPOSES AND SAYS THAT HE/SHE RESIDES AT 5270 RT 9W, Newburgh / 12 Dogwood Hills Rd NEWBURGH IN THE COUNTY OF Orange AND STATE OF New York AND THAT HE/SHE IS THE OWNER IN FEE OF 248 N. Plank Rd, Newburgh, NY

WHICH IS THE PREMISES DESCRIBED IN THE FOREGOING APPLICATION AS DESCRIBED THEREIN TO THE TOWN OF NEWBURGH PLANNING BOARD AND Verizon Wireless IS AUTHORIZED TO REPRESENT THEM AT MEETINGS OF SAID BOARD.

DATED: 6/22/23

S D Crisci Sr
OWNERS SIGNATURE

Steven D. Crisci, Sr.
OWNERS NAME (printed)

WITNESS' SIGNATURE

Cheryl Murphy
WITNESS' NAME (printed)

NAMES OF ADDITIONAL REPRESENTATIVES

TOWN OF NEWBURGH PLANNING BOARD

Verizon Wireless Telecommunications Facility "Cronomer Hill"

PROJECT NAME

CHECKLIST FOR MAJOR/MINOR SUBDIVISION AND/OR SITE PLAN

I. The following items shall be submitted with a COMPLETED Planning Board Application Form.

1. ✓ Environmental Assessment Form As Required
2. ____ Proxy Statement ***TO BE PROVIDED***
3. ✓ Application Fees
4. ✓ Completed Checklist (Automatic rejection of application without checklist)

II. The following checklist items shall be incorporated on the Subdivision Plat or Site Plan prior to consideration of being placed on the Planning Board Agenda. Non-submittal of the checklist will result in application rejection.

1. ✓ Name and address of applicant
2. ✓ Name and address of owner (if different from applicant)
3. ✓ Subdivision or Site Plan and Location
4. ✓ Tax Map Data (Section-Block-Lot)
5. ✓ Location map at a scale of 1" = 2,000 ft. or less on a tax map or USCGS map base only with property outlined
6. ✓ Zoning table showing what is required in the particular zone and what applicant is proposing. A table is to be provided for each proposed lot
7. N/A Show zoning boundary if any portion of proposed site is within or adjacent to a different zone
8. ✓ Date of plan preparation and/or plan revisions
9. ✓ Scale the plan is drawn to (Max 1" = 100')
10. ✓ North Arrow pointing generally up

11.____ Surveyor,s Certification ***TO BE PROVIDED***

12.____ Surveyor's seal and signature ***TO BE PROVIDED***

13.✓ Name of adjoining owners

14.N/A Wetlands and 100 ft. buffer zone with an appropriate note regarding D.E.C. or A.C.O.E. requirements

15.N/A Flood plain boundaries

16.N/A Certified sewerage system design and placement by a Licensed Professional Engineer must be shown on plans in accordance with Local Law #1 1989

17.____ Metes and bounds of all lots ***TO BE PROVIDED***

18.✓ Name and width of adjacent streets; the road boundary is to be a minimum of 25 ft. from the physical center line of the street

19.____ Show existing or proposed easements (note restrictions) ***TO BE PROVIDED***

20.____ Right-of-way width and Rights of Access and Utility Placement ***TO BE PROVIDED***

21.✓ Road profile and typical section (minimum traveled surface, excluding shoulders, is to be 18 ft. wide)

22.N/A Lot area (in sq. ft. for each lot less than 2 acres)

23.N/A Number of lots including residual lot

24.N/A Show any existing waterways

25.N/A A note stating a road maintenance agreement is to be filed in the County Clerk's Office where applicable

26.____ Applicable note pertaining to owners review and concurrence with plat together with owner's signature ***TO BE PROVIDED***

27.✓ Show any improvements, i.e. drainage systems, water lines, sewer lines, etc.

28.N/A Show all existing houses, accessory structures, wells and septic systems on and within 200 ft. of the parcel to be subdivided

29.✓ Show topographical data with 2 or 5 ft. contours on initial submission

30. N/A Indicate any reference to a previous subdivision, i.e. filed map number, date and previous lot number

31. N/A If a private road, Town Board approval of name is required, and notes on the plan that no town services will be provided and a street sign (per town specs) is to be furnished and installed

32. N/A Number of acres to be cleared or timber harvested

33. N/A Estimated or known cubic yards of material to be excavated and removed from the site

34. N/A Estimated or known cubic yards of fill required

35. ✓ The amount of grading expected or known to be required to bring the site to readiness

36. N/A Type and amount of site preparation which falls within the 100 ft. buffer strip of wetlands or within the Critical Environmental Area. Please explain in sq. ft. or cubic yards.

37. N/A Any amount of site preparation within a 100 year floodplain or any water course on the site. Please explain in sq. ft. or cubic yards.

38. ✓ List of property owners within 500 feet of all parcels to be developed (see attached statement).

The plan for the proposed subdivision or site has been prepared in accordance with this checklist.

By: Steven Matthews, PE
Licensed Professional

Date: June 8, 2023

This list is designed to be a guide ONLY. The Town of Newburgh Planning Board may require additional notes or revisions prior to granting approval.

Prepared (insert date): June 8, 2023

PLANNING BOARD of the TOWN OF NEWBURGH,
ORANGE COUNTY, NEW YORK

In the Matter of the Application of

VERIZON WIRELESS OF THE EAST LP
d/b/a Verizon Wireless

Premises: Lands n/f of Steven D. Crisci, Sr.
248 N Plank Road
Town of Newburgh, Orange County, New York
Section 34, Block 2, Lot 21

STATEMENT OF INTENT and
APPLICATION FOR SPECIAL USE PERMIT and SITE PLAN REVIEW

I. Introduction

VERIZON WIRELESS OF THE EAST LP d/b/a Verizon Wireless ("Verizon Wireless" or the "Applicant") proposes to install a new personal wireless service facility, inclusive of a 120' monopole (124' with lightning rod) and related antenna, equipment and appurtenances on properly located at 248 N Plank Road in the Town of Newburgh, New York (the "Premises"). The Premises are located in the Business Zoning District. The specific improvements proposed by Verizon Wireless are illustrated on the Site Plans prepared by Tectonic Engineering & Surveying and provided in **Exhibit 1**. The monopole will be located within a fenced 50' by 50' compound. Currently, Verizon Wireless proposes to install and operate twelve (12) antennae at the 116' antenna centerline height. Utilities will come from N. Plank Road and consistent with existing utilities in the area will be installed aboveground to the Premises.

Verizon Wireless is considered a public utility under New York decisional law (*Cellular Telephone Company v. Rosenberg*, 82 N.Y.2d 364 (1993)) **[Exhibit 2]**, and a provider of "personal wireless services" under the federal Telecommunications Act of 1996 (the "TCA") **[Exhibit 3]**. Verizon Wireless' equipment will be in operation twenty-four (24) hours a day, seven (7) days a week, three hundred sixty-five (365) days a year. Copies of the applicable Verizon Wireless FCC licenses are included herewith **[Exhibit 4]**.

Chapter 168 ("Telecommunications Facilities, Wireless") of the Town of Newburgh Zoning Law regulates telecommunications facilities. Specifically, section 168-8(A) of the Newburgh Zoning Law confirms that shared use of existing wireless telecommunications facilities shall be preferred by the town as opposed to the construction of new communications towers. Unfortunately, viable alternatives such as collocation on an existing tower or tall structure do not exist. Therefore, to resolve the need to provide new service and capacity relief to this area of the Town, a new tower facility is required.

II. Purpose of "Cronomer Hill" Communications Facility

The purpose of the project (referred to internally as the "Cronomer Hill" communications facility) is to expand Verizon Wireless advanced 700 MHz and 2100 MHz services to portions of the Town of Newburgh that currently lack such Verizon Wireless service and to resolve existing network capacity issues. Specific details of the RF need and the additional new coverage to be provided with the proposed site are provided in the RF materials set forth in **Exhibit 5** attached hereto.

As described in greater detail in the RF Justification provided in **Exhibit 5**, this site is a dual-purpose site. It is intended to provide new wireless service in the 700 MHz and 2100 MHz frequencies, which are severely lacking in this portion of Town. It is also required to relieve substantial capacity issues experienced at the existing "Newburgh HD" site to the east and the existing "I-87-I-84" site to the southwest of the proposed site.

Details concerning how and why this parcel was chosen are provided in the Site Selection Analysis prepared by Tectonic Engineering, a copy of which is included in **Exhibit 6**.

The proposed communications facility is unmanned and will be visited for routine maintenance purposes approximately 1 - 3 times per year, as needed. As such, the project will not have any impact on existing water and sewage services. In addition, neither pedestrian nor vehicular access will be adversely impacted.

III. Project in Compliance with FCC Emission Requirements

Pursuant to existing federal law, the Town of Newburgh Planning Board shall not regulate the placement, construction or modification of personal wireless service facilities on the basis of the environmental effects of radiofrequency emissions as long as such facility is demonstrated to be in compliance with the Federal Communications Commission ("FCC") regulations concerning such emissions. See 47 USCS §332(c)(7)(B)(iv) [TCA excerpt provided in **Exhibit 3**]. An RF Site Compliance Report has been prepared by an independent third party engineering firm and confirms that the proposed facility will be installed and operated in full compliance with all FCC requirements, including those related to radiofrequency signal emissions. See Site Compliance Report dated April 26, 2023 included in **Exhibit 7**.

Additionally, Centerline Communications has prepared a Non-Interference letter which confirms that the proposed Verizon Wireless antennas and equipment will not interfere with Orange County public safety services, broadcasters or other communications service providers in the vicinity of the Site. See **Exhibit 8**. Nor will the proposed antennas and equipment interfere with any emergency public service communication systems.

IV. Compliance with the Newburgh Telecommunications Requirements

Verizon Wireless' proposed communications facility complies in all material respects with the Town of Newburgh Telecommunication requirements. As set forth above, general requirements for wireless communications facilities are found in Section 168 of the Newburgh Zoning Law. Applicant has shown that the facility is necessary to provide safe and adequate coverage to an

area of the town that has inadequate coverage. The need for the site is described in **Exhibit 5** and involves not only new coverage, but also critical capacity relief.

V. Minimal Environmental Impact

Because the proposal does not meet any of the thresholds for a Type I action, Applicant submits that this is an unlisted action under the New York State Environmental Quality Review Act and its implementing regulations ("SEQRA"). The Applicant has prepared and provided an Environmental Assessment Form ("EAF") which confirms that the proposed project will have a minimal impact on the environment. A copy of the EAF, including the Visual Addendum, is attached hereto and made part hereof in **Exhibit 9**. Applicant respectfully submits therefore that the Planning Board and ZBA should determine that the project will not result in any significant environmental impacts and, therefore, will not have a significant impact on the environment.

VI. Structural Capacity

Enclosed in **Exhibit 10** is a letter prepared by Tectonic Engineering dated May 16, 2023 which confirms that the proposed tower will be designed to meet all applicable tower related standards, including structural requirements and wind loads for Orange County. Additionally, the tower will also be designed with a "hinge point" which is intended to cause the monopole tower to buckle in the extremely unlikely event of a tower failure. The "hinge point" will serve to reduce the prospective fall zone from 120' to approximately 64'.

VII. Visual Analysis

Because the Newburgh Code requires the Planning Board to assist with the required balloon test and visual analysis, Applicant has not yet conducted the balloon test. Viewshed maps have been prepared to anticipate those locations from which the tower may be visible. The viewshed maps are attached in **Exhibit 11**. The included viewshed maps cover four different conditions: (i) a one mile radius including topography; (ii) a one mile radius including topography and vegetation; (iii) a two mile radius including topography; and (iv) a two mile radius including topography and vegetation. When both topography and vegetation are taken into consideration, the viewshed maps demonstrate that the overall visibility in the surrounding area is minor in nature.

We anticipate that the Planning Board will utilize the viewshed map to help identify locations to be analyzed during the balloon test.

Additionally, our preliminary analysis indicates that the tower at the proposed location and height will not require FAA marking or lighting. See TOWAIR Determination provided in **Exhibit 12.**

VIII. Request for Waivers

Pursuant to Section 168-6 of the Wireless Telecommunications Law, Verizon Wireless respectfully requests a wavier or exemption from the following requirements:

1. §168-6(F) - A waiver is requested from the requirement to provide one certified report containing the requested information. Instead, such information is provided in separate reports and analyses.

2. §168-6(F)(22) - A waiver is requested from the requirement to provide a topographic and geomorphic analysis with the Special Use Permit application. In the event the permit is granted, Verizon Wireless agrees to perform such analysis as a condition of such approval.

3. §168-21 - A waiver is requested from the requirement for the property owner to co-sign the performance security. Standard industry practice requires the tower owner to be wholly responsible for such security.

4. §168-23 - A waiver is requested from the requirement to provide an annual NIER report concerning the emissions. The FCC is the federal agency with sole and exclusive jurisdiction to regulate wireless signals. Additionally, due to the height of the proposed antennas (being more than 10 meters above the ground), the signal strength will always be in compliance with FCC mandates. In fact, it is anticipated that the proposed facility will be categorically exempt from routine FCC monitoring.

5. §168-24 - A waiver is requested from the requirements of this section concerning insurance. We believe that many of the requirements contained in such section exceed the jurisdiction of the Town's authority. For instance, the Town is NOT legally entitled to be a "named" insured on the policy. A named insured would give the Town the same rights and obligations as Verizon Wireless under the policy, including the obligation of the Town to be liable for the insurance premium. Additionally, Verizon Wireless is not authorized to provide the Town with a copy of its insurance policy. Such policy is considered confidential and proprietary. Nevertheless, Verizon Wireless maintains acceptable levels of insurance coverage for all of its sites and will do so for the proposed site.

6. §168-25 - A waiver is requested from the requirement to indemnify the Town relative to the land use and permitting process. This is generally not considered a zoning issue. Moreover, as part of the lease with the school district, Verizon Wireless has agreed to indemnify the school.

IX. Conclusion

Approval of the Cronomer Hill communications facility will enable Verizon Wireless to provide an adequate and safe level of hand-held wireless telephone service to the area of the Town of Newburgh and surrounding environs, within the confines of applicable technological and land use limitations. Such approval will also be in the public interest, in that it will allow Verizon Wireless to comply with its statutory mandate to build out its network and provide local businesses, residents and public service entities with safe and reliable wireless communications services. Based upon the foregoing, Verizon Wireless respectfully submits that this project

complies in all material respects with the Special Use Permit and waiver requirements of the Town of Newburgh Telecommunications Regulations, and any potential impact on the community created by this approval may properly be considered to be minimal and of no significant adverse effect.

Based upon the Application and supporting documentation, Verizon Wireless respectfully requests therefore that the Town of Newburgh Planning Board and Zoning Board of Appeals review this Application, issue a negative declaration under SEQRA, and a Special Use Permit, Site Plan Approval and/or area variances or any other permit or approval deemed necessary for Applicant to proceed with the proposed project.

Respectfully submitted,
VERIZON WIRELESS OF THE EAST LP d/b/a Verizon Wireless

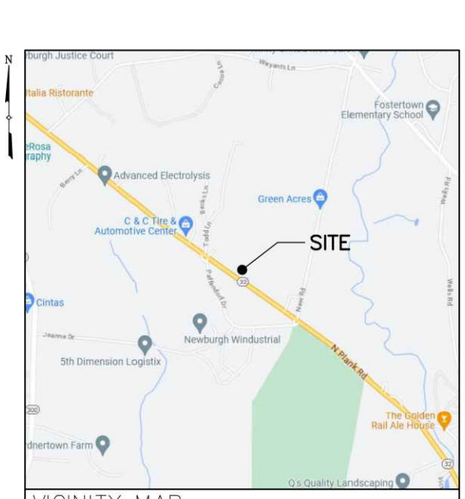
Scott Olson Esq.
Regional Local Counsel

Dated: June 5, 2024

VERIZON WIRELESS OF THE EAST LP
d/b/a
verizon

SITE NAME:
CRONOMER HILL

RE PROJECT NUMBER: 20171563772
LOCATION CODE: 443134



VICINITY MAP

SITE ADDRESS:	248 N PLANK RD (NYS RTE 32) NEWBURGH, NY 12550
MUNICIPALITY:	TOWN OF NEWBURGH
COUNTY:	ORANGE
TAX MAP NUMBER:	34-2-21
ZONING DISTRICT:	BUSINESS (B)
STRUCTURE COORDINATES:	41.545606° -74.051458°
GROUND ELEVATION:	460.2'± AMSL
PROPERTY OWNER:	STEVEN D CRISCI SR 5270 RT 9W NEWBURGH, NY 12550
APPLICANT:	VERIZON WIRELESS 1275 JOHN STREET, SUITE 100 WEST HENRIETTA, NY 14586
CONTACT PERSON:	KATHY POMPONIO
CONTACT PHONE:	(585) 321-5435

PROJECT SUMMARY

DIRECTIONS

DIRECTIONS TO SITE:

FROM NORTH GREENBUSH, GET ON I-90 W FROM US-4 S/N GREENBUSH RD AND NY-43 W, FOLLOW FOR ±3.2 MILES. MERGE ONTO I-90 W, FOLLOW FOR ±1.2 MILES. TAKE EXIT 6A TO MERGE ONTO I-787 S TOWARD ALBANY, FOLLOW FOR ±3.4 MILES. USE THE RIGHT 2 LANES TO TAKE EXIT 1 TO MERGE ONTO I-87 S, FOLLOW FOR ±83.0 MILES. TAKE EXIT 17 TOWARD I-84/NY-300 /NY-17K/ SCRANTON/NEWBURGH, FOLLOW FOR ±0.6 MILES. KEEP LEFT, FOLLOW SIGNS FOR NEWBURGH, FOLLOW FOR ±0.3 MILES. TURN LEFT ONTO NY-300 N/UNION AVE, FOLLOW FOR ±2.7 MILES. TURN RIGHT ONTO NY-32 S, FOLLOW FOR ±0.8 MILES. SITE WILL BE ON THE LEFT.

PROJECT DESCRIPTION

THE PROPOSED WORK CONSISTS OF INSTALLING CELLULAR ANTENNAS AND RELATED EQUIPMENT ON A PROPOSED MONOPOLE AND THE INSTALLATION OF EQUIPMENT AT GRADE WITHIN A PROPOSED FENCED COMPOUND. PROJECT INCLUDES A NEW GRAVEL ACCESS DRIVE AND UNDERGROUND POWER AND FIBER UTILITIES TO SERVICE THE FACILITY.

SHT. NO.	DESCRIPTION	REV NO	REVISION DATE
T-1	TITLE SHEET	2	7/11/23
C-1	OVERALL SITE PLAN	2	7/11/23
C-2	SITE DETAIL PLAN	2	7/11/23
C-3	ELEVATION & ORIENTATION PLAN	2	7/11/23
C-4	EQUIPMENT ELEVATIONS	2	7/11/23

SHEET INDEX

THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL ITEMS OF CONCERN HAVE BEEN ADDRESSED AND EACH OF THE DRAWINGS HAS BEEN REVISED AND ISSUED "FOR CONSTRUCTION".

Before You Dig, Drill Or Blast!

UDIG·NY

UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION

CALL US TOLL FREE 811 OR 1-800-962-7962

NY industrial code rule 753 requires no less than two working days notice, but not more than ten days notice.

UDIGNY – NEW YORK

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED FOR 22"x34" FULL SIZE AND 11"x17" HALF SIZE. OTHER SIZED VERSIONS ARE NOT PRINTED TO THE SCALE SHOWN. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

verizon
1275 JOHN STREET, SUITE 100
WEST HENRIETTA, NY 14586

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.
Project Contact Info
36 British American Blvd.
Suite 101
Latham, NY 12110
Phone: (518) 783-1630
(800) 829-6531
www.tectonicengineering.com

WORK ORDER NUMBER	DRAWN BY
11272.069	MQ

NO.	DATE	ISSUE
0	5/16/23	FOR COMMENT
1	5/23/23	FOR ZONING
2	7/11/23	REVISED TOWER LOCATION

RELEASED BY | DATE

0 1 2 3
ORIGINAL SIZE IN INCHES

SITE INFORMATION

CRONOMER HILL
RE PN: 20171563772
LC: 443134

SITE ADDRESS

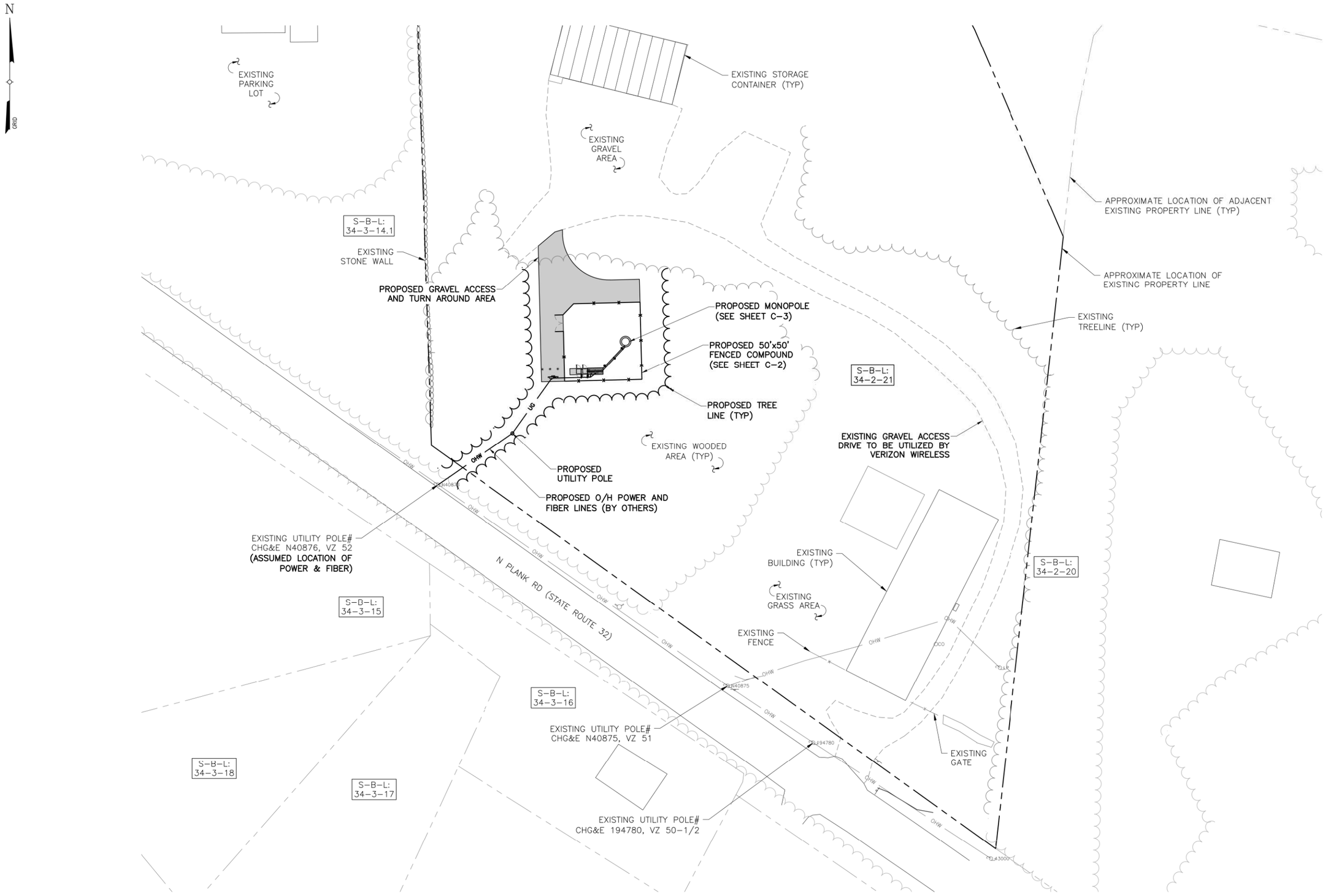
248 N PLANK RD (NYS RTE 32)
TOWN OF NEWBURGH
ORANGE COUNTY
NY 12550

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1



OVERALL SITE PLAN

SCALE: 1" = 60' (11x17 SIZE)
1" = 30' (22x34 SIZE)

NOTE:

THE PROPERTY LINES HEREON ARE APPROXIMATE BASED ON GIS DATA AND ARE FOR ORIENTATION PURPOSES ONLY. THEY DO NOT REPRESENT A PROPERTY/BOUNDARY DECISION BY A LAND SURVEYOR.

verizon
1275 JOHN STREET, SUITE 100
WEST HENRIETTA, NY 14586

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.
Project Contact Info
36 British American Blvd.
Suite 101
Latham, NY 12110
Phone: (518) 783-1630
(800) 829-6531
www.tectonicengineering.com

WORK ORDER NUMBER	DRAWN BY
11272.069	MQ

NO.	DATE	ISSUE
0	5/16/23	FOR COMMENT
1	5/23/23	FOR ZONING
2	7/11/23	REVISED TOWER LOCATION

RELEASED BY	DATE

0 1 2 3
ORIGINAL SIZE IN INCHES

SITE INFORMATION

CRONOMER HILL
RE PN: 20171563772
LC: 443134

SITE ADDRESS

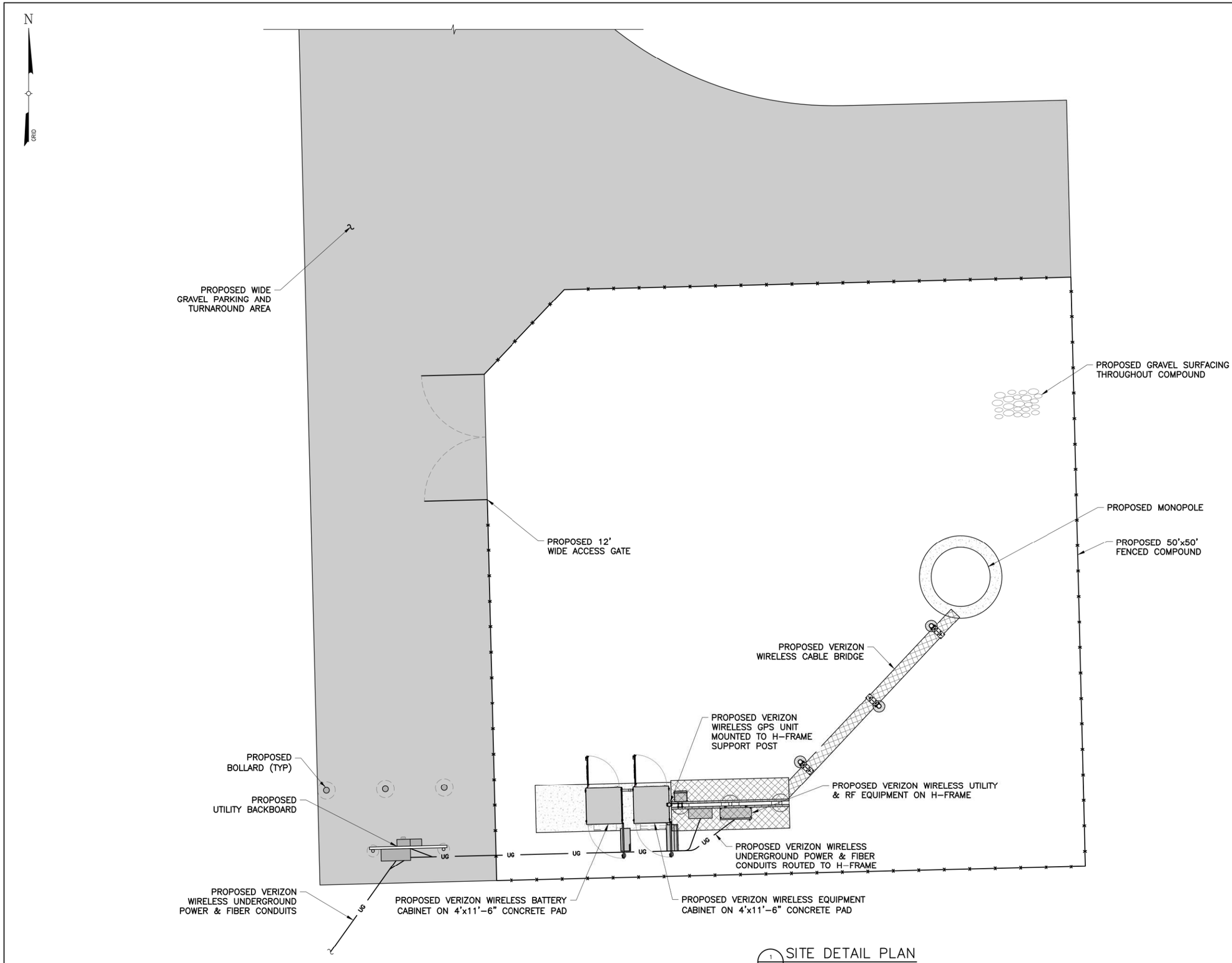
248 N PLANK RD (NYS RTE 32)
TOWN OF NEWBURGH
ORANGE COUNTY
NY 12550

SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

C-1



1 C-2 SITE DETAIL PLAN

SCALE: 1" = 8' (11x17 SIZE)
1" = 4' (22x34 SIZE)

verizon

1275 JOHN STREET, SUITE 100
WEST HENRIETTA, NY 14586

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.
Project Contact Info
36 British American Blvd.
Suite 101
Latham, NY 12110
Phone: (518) 783-1630
(800) 829-6531
www.tectonicengineering.com

WORK ORDER NUMBER	DRAWN BY
11272.069	MQ

NO.	DATE	ISSUE
0	5/16/23	FOR COMMENT
1	5/23/23	FOR ZONING
2	7/11/23	REVISED TOWER LOCATION

RELEASED BY | DATE

0 1 2 3
ORIGINAL SIZE IN INCHES

SITE INFORMATION

CRONOMER HILL
RE PN: 20171563772
LC: 443134

SITE ADDRESS

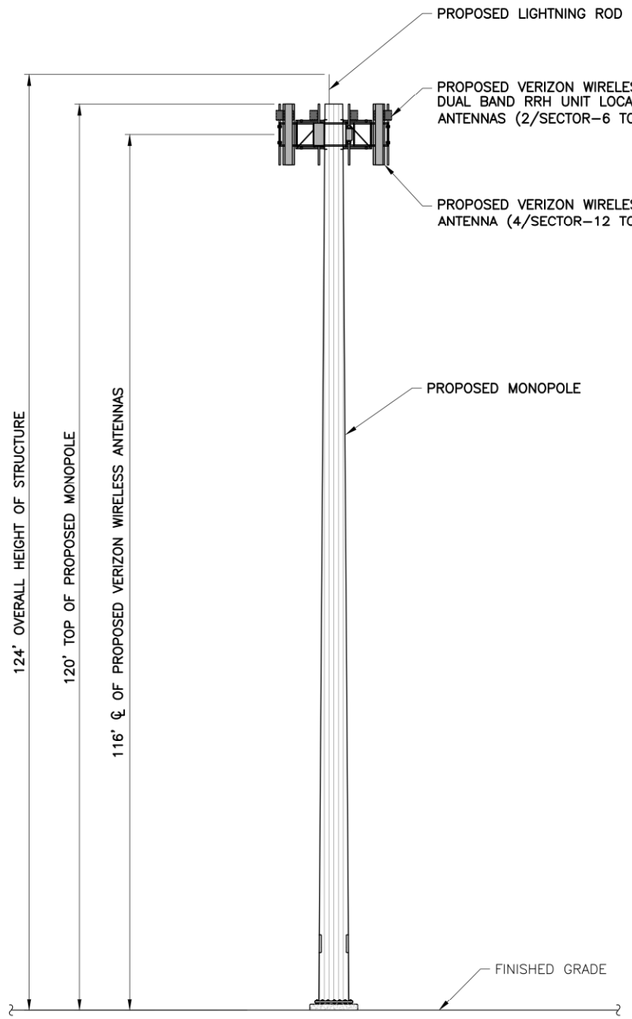
248 N PLANK RD (NYS RTE 32)
TOWN OF NEWBURGH
ORANGE COUNTY
NY 12550

SHEET TITLE

SITE DETAIL PLAN

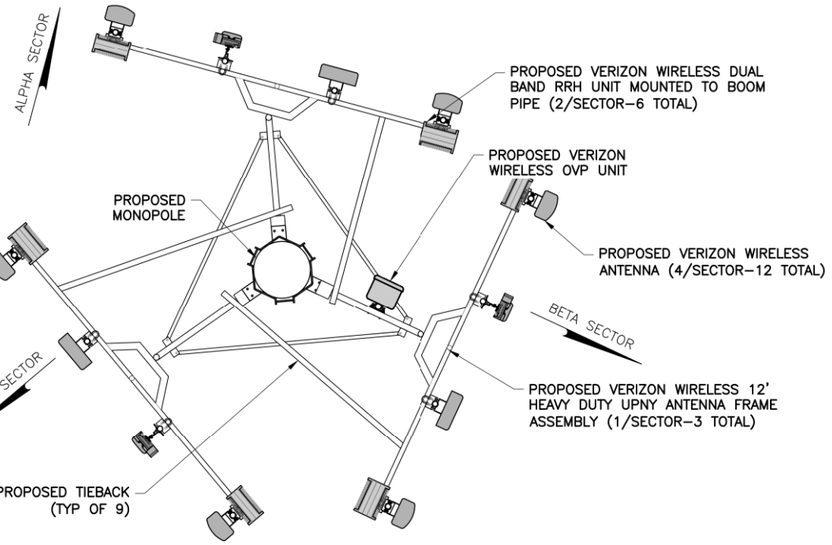
SHEET NUMBER

C-2



1 C–3 MONOPOLE ELEVATION

SCALE: 1" = 20' (11x17 SIZE)
1" = 10' (22x34 SIZE)



2 C–3 ANTENNA ORIENTATION

SCALE: 3/4" = 1'–0" (11x17 SIZE)
3/8" = 1'–0" (22x34 SIZE)

verizon
1275 JOHN STREET, SUITE 100
WEST HENRIETTA, NY 14586

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.
Project Contact Info
36 British American Blvd.
Suite 101
Latham, NY 12110
Phone: (518) 783–1630
(800) 829–6531
www.tectonicengineering.com

WORK ORDER NUMBER	DRAWN BY
11272.069	MQ

NO.	DATE	ISSUE
0	5/16/23	FOR COMMENT
1	5/23/23	FOR ZONING
2	7/11/23	REVISED TOWER LOCATION

RELEASED BY	DATE

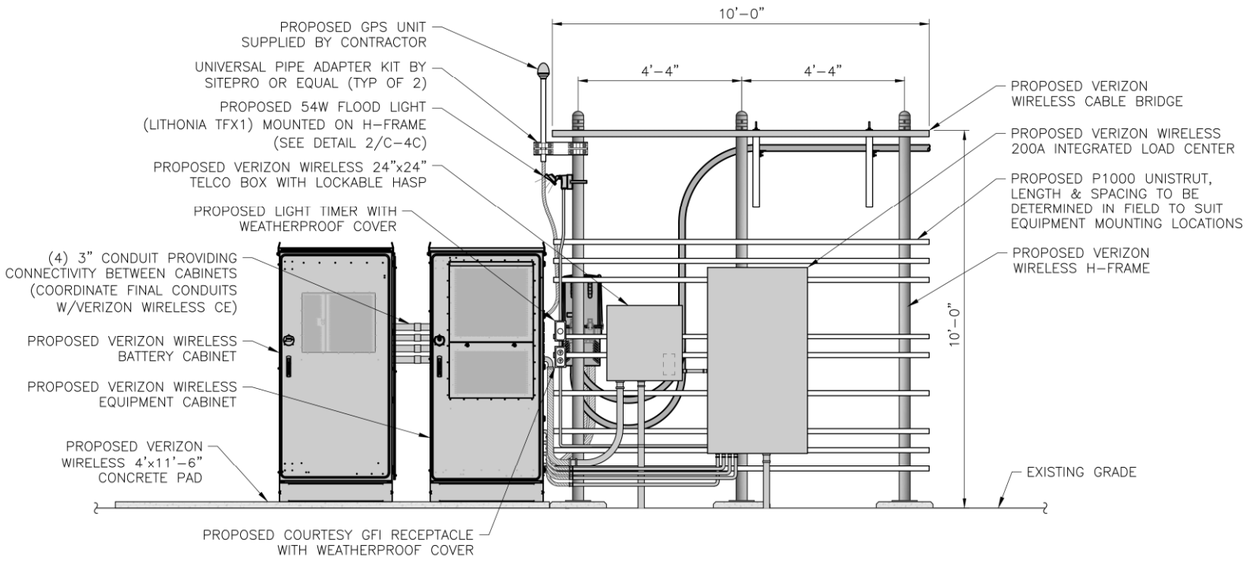
0 1 2 3
ORIGINAL SIZE IN INCHES

SITE INFORMATION
CRONOMER HILL
RE PN: 20171563772
LC: 443134

SITE ADDRESS
248 N PLANK RD (NYS RTE 32)
TOWN OF NEWBURGH
ORANGE COUNTY
NY 12550

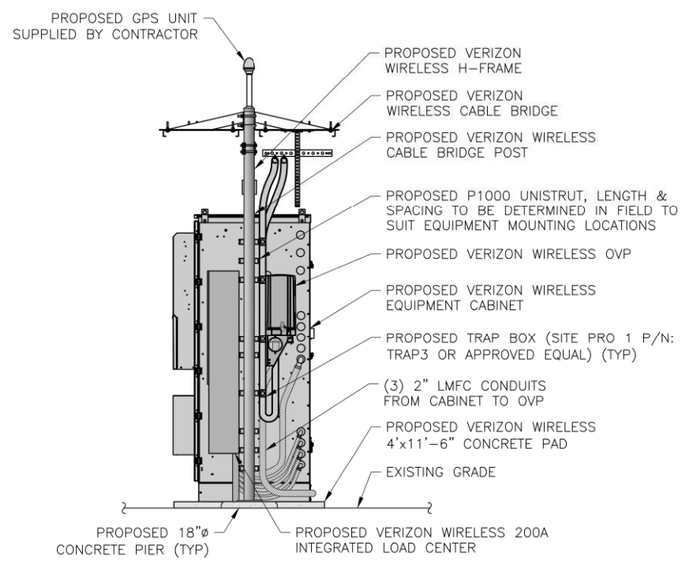
SHEET TITLE
ELEVATION &
ORIENTATION PLAN

SHEET NUMBER
C–3



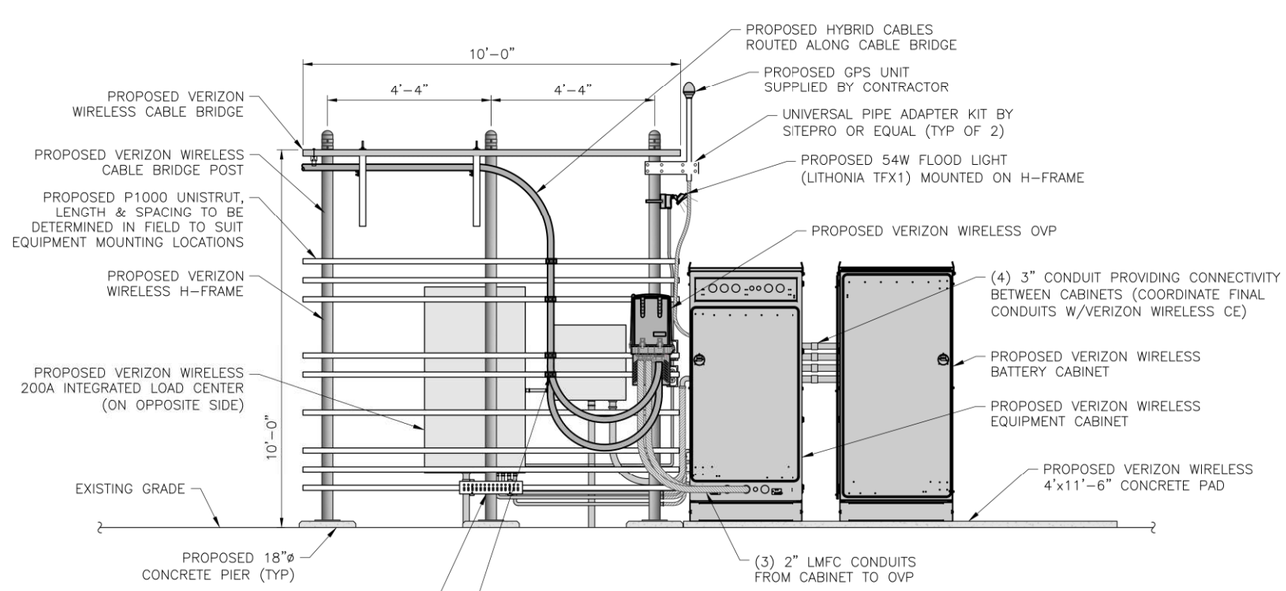
1 C-4 FRONT ELEVATION

SCALE: 1/4" = 1'-0" (11x17 SIZE)
1/2" = 1'-0" (22x34 SIZE)



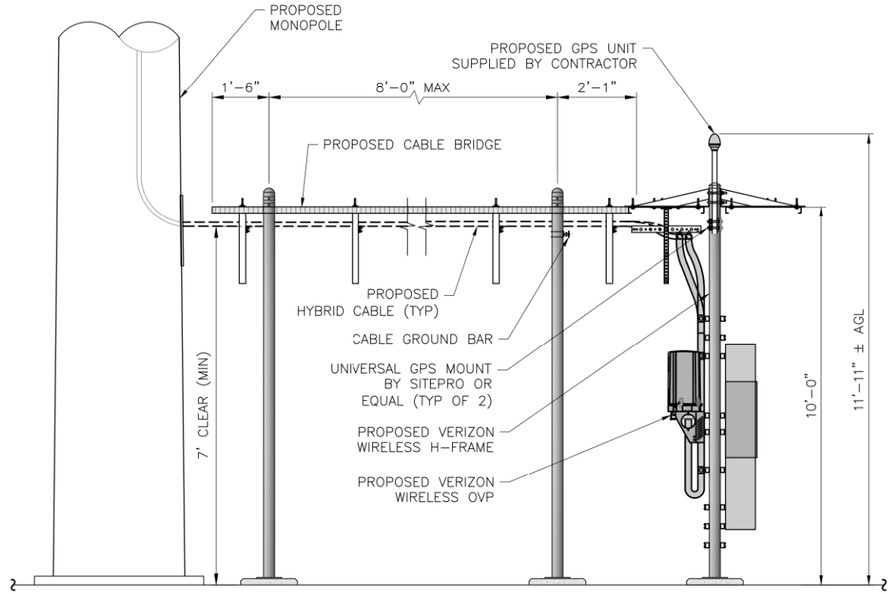
2 C-4 SIDE ELEVATION

SCALE: 1/4" = 1'-0" (11x17 SIZE)
1/2" = 1'-0" (22x34 SIZE)



3 C-4 REAR ELEVATION

SCALE: 1/4" = 1'-0" (11x17 SIZE)
1/2" = 1'-0" (22x34 SIZE)



4 C-4 EQUIPMENT ELEVATION

SCALE: 1/4" = 1'-0" (11x17 SIZE)
1/2" = 1'-0" (22x34 SIZE)

verizon
1275 JOHN STREET, SUITE 100
WEST HENRIETTA, NY 14586

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.
Project Contact Info
36 British American Blvd. Phone: (518) 783-1630
Suite 101 (800) 829-6531
Latham, NY 12110 www.tectonicengineering.com

WORK ORDER NUMBER	DRAWN BY
11272.069	MQ

NO.	DATE	ISSUE
0	5/16/23	FOR COMMENT
1	5/23/23	FOR ZONING
2	7/11/23	REVISED TOWER LOCATION

RELEASED BY	DATE

0 1 2 3
ORIGINAL SIZE IN INCHES

SITE INFORMATION
CRONOMER HILL
RE PN: 20171563772
LC: 443134

SITE ADDRESS
248 N PLANK RD (NYS RTE 32)
TOWN OF NEWBURGH
ORANGE COUNTY
NY 12550

SHEET TITLE
EQUIPMENT ELEVATIONS

SHEET NUMBER
C-4

DOCUMENTATION OF PUBLIC UTILITY STATUS
and
OVERVIEW OF ROSENBERG DECISION

In *Cellular Tel. Co. v. Rosenberg*, 82 N.Y.2d 364 (1993), the New York Court of Appeals determined that cellular telephone companies are public utilities. The Court held that proposed cellular telephone installations are to be reviewed by zoning boards pursuant to the traditional standard afforded to public utilities, rather than the standards generally required for the necessary approvals:

> It has long been held that a zoning board may not exclude a utility from a community where the utility has shown a need for its facilities. There can be no question of [the carrier's] need to erect the cell site to eliminate service gaps in its cellular telephone service area. The proposed cell site will also improve the transmission and reception of existing service. Application of our holding in *Matter of Consolidated Edison* to sitings of cellular telephone companies, such as [the applicant], permits those companies to construct structures necessary for their operation which are prohibited because of existing zoning laws and to provide the desired services to the surrounding community. . . . Moreover, the record supports the conclusion that [the applicant] sustained its burden of proving the requisite public necessity. [The applicant] established that the erection of the cell site would enable it to remedy gaps in its service area that currently prevent it from providing adequate service to its customers in the . . . area.

Rosenberg, 82 N.Y.2d at 372-74 (citing *Consolidated Edison Co. v. Hoffman*, 43 N.Y.2d 598 (1978)).

This special treatment of a public utility stems from the essential nature of its service, and the fact that a public utility transmitting facility must be located in a particular area in order to provide service. For instance, water towers, electric switching stations, water pumping stations and telephone poles must be in particular locations (including within residential districts) in order to provide the utility to a specific area:

> [Public] utility services are needed in all districts; the service can be provided only if certain facilities (for example, substations) can be located in commercial and even in residential districts. To exclude such use would result in an impairment of an essential service.

Anderson, New York Zoning Law Practice, 3d ed., p. 411 (1984) (hereafter "Anderson"). See also, *Cellular Tel. Co. v. Rosenberg*, 82 N.Y.2d 364 (1993); *Payne v. Taylor*, 178 A.D.2d 979 (4th Dep't 1991).

Accordingly, the law in New York is that a municipality may not prohibit facilities, including towers, necessary for the transmission of a public utility. In *Rosenberg*, 82 N.Y.2d at 371, the court found that "the construction of an antenna tower... to facilitate the supply of cellular telephone service is a 'public utility building' within the meaning of a zoning ordinance." See also *Long Island Lighting Co. v. Griffin*, 272 A.D. 551 (2d Dep't 1947) (a municipal corporation may not prohibit the expansion of a public utility where such expansion is necessary to the maintenance of essential services).

In the present case, Verizon Wireless does not have reliable service capacity in the Town. The communications facility proposed is necessary to remedy this service problem and to provide adequate and reliable wireless telecommunications service coverage to this area. Therefore, Verizon Wireless satisfies the requisite showing of need for the facility under applicable New York law.

DOCUMENTATION OF PERSONAL WIRELESS SERVICE FACILITY STATUS
and
FEDERAL TELECOMMUNICATIONS ACT OF 1996

In addition to being considered a public utility under New York decisional law, Verizon Wireless is classified as a provider of "personal wireless services" under the federal Telecommunications Act of 1996 (the "TCA").

As stated in the long title of the Act, the goal of the TCA is to "promote competition and reduce regulation in order to secure lower prices and higher quality services for American telecommunications consumers and encourage the rapid deployment of new telecommunications technologies." *Telecommunications Act of 1996, Pub. LA. No. 104-104, 110 Stat. 56 (1996).*

The TCA mandates a process designed to achieve competitive telecommunications markets. In keeping with the central goals of the TCA, the authors specify in Section 253(a) that "[n]o State or local statute or regulation…may prohibit or have the effect of prohibiting the ability of any entity to provide any interstate or intrastate telecommunications service." *TCA Section 253(a), emphasis added.*

Section 332(c) of the TCA preserves the authority of a State or local government or instrumentality thereof over decisions regarding the placement, construction and modification of personal wireless service facilities, subject to several important limitations:

- the "regulation of the placement…of personal wireless service facilities by any State or local government or instrumentality thereof shall not unreasonably discriminate among providers of functionally equivalent services" (*TCA §332(c)(7)(B)(i)(I)*);

- the "regulation of the placement…of personal wireless service facilities by any State or local government or instrumentality thereof shall not prohibit or have the effect of prohibiting the provision of personal wireless services" (*TCA §332(c)(7)(B)(i)(II)*);

- Applications must be processed within a reasonable period of time, and any decision to deny a request for placement of personal wireless service facilities must be in writing and supported by substantial evidence contained in a written record (*TCA §§332(c)(7)(B)(ii) and (iii)*); and

- regulations based upon the perceived environmental effects of radio frequency emissions are prohibited, so long as the proposed personal wireless service facility complies with FCC regulations concerning such emissions (*TCA §332(c)(7)(B)(iv)*).

A reference copy of the Telecommunications Act of 1996 is included herewith.

104TH CONGRESS } HOUSE OF REPRESENTATIVES { REPORT
2d Session } { 104–458

TELECOMMUNICATIONS ACT OF 1996

JANUARY 31, 1996. Ordered to be printed

Mr. BLILEY, from the committee of conference, submitted the following

CONFERENCE REPORT

[To accompany S. 652]

The committee of conference on the disagreeing votes of the two Houses on the amendments of the House to the bill (S. 652), to provide for a pro-competitive, de-regulatory national policy framework designed to accelerate rapidly private sector deployment of advanced telecommunications and information technologies and services to all Americans by opening all telecommunications markets to competition, and for other purposes, having met, after full and free conference, have agreed to recommend and do recommend to their respective Houses as follows:

That the Senate recede from its disagreement to the amendment of the House to the text of the bill and agree to the same with an amendment as follows:

In lieu of the matter proposed to be inserted by the House amendment, insert the following:

SECTION 1. SHORT TITLE; REFERENCES.

(a) SHORT TITLE.—This Act may be cited as the "Telecommunications Act of 1996".

(b) REFERENCES.—Except as otherwise expressly provided, whenever in this Act an amendment or repeal is expressed in terms of an amendment to, or repeal of, a section or other provision, the reference shall be considered to be made to a section or other provision of the Communications Act of 1934 (47 U.S.C. 151 et seq.).

SEC. 2. TABLE OF CONTENTS.

The table of contents for this Act is as follows:

22–327

[redacted] *tity that has obtained an attachment to such conduit or right-of-way so that such entity may have a reasonable opportunity to add to or modify its existing attachment. Any entity that adds to or modifies its existing attachment after receiving such notification shall bear a proportionate share of the costs incurred by the owner in making such pole, duct, conduit, or right-of-way accessible.*

[redacted] *right-of-way shall not be required to bear any of the costs of rearranging or replacing its attachment, if such rearrangement or replacement is required as a result of an additional attachment or the modification of an existing attachment sought by any other entity*

SEC. 704. FACILITIES SITING; RADIO FREQUENCY EMISSION STANDARDS.

(a) NATIONAL WIRELESS TELECOMMUNICATIONS SITING POLICY.—Section 332(c) (47 U.S.C. 332(c)) is amended by adding at the end the following new paragraph:

"(7) PRESERVATION OF LOCAL ZONING AUTHORITY.—

"(A) GENERAL AUTHORITY.—Except as provided in this paragraph, nothing in this Act shall limit or affect the authority of a State or local government or instrumentality thereof over decisions regarding the placement, construction, and modification of personal wireless service facilities.

"(B) LIMITATIONS.—

"(i) The regulation of the placement, construction, and modification of personal wireless service facilities by any State or local government or instrumentality thereof—

"(I) shall not unreasonably discriminate among providers of functionally equivalent services; and

"(II) shall not prohibit or have the effect of prohibiting the provision of personal wireless services.

"(ii) A State or local government or instrumentality thereof shall act on any request for authorization to place, construct, or modify personal wireless service facilities within a reasonable period of time after the request is duly filed with such government or instrumentality, taking into account the nature and scope of such request.

"(iii) Any decision by a State or local government or instrumentality thereof to deny a request to place, construct, or modify personal wireless service facilities shall be in writing and supported by substantial evidence contained in a written record.

"(iv) No State or local government or instrumentality thereof may regulate the placement, construction, and modification of personal wireless service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the Commission's regulations concerning such emissions.

"(v) Any person adversely affected by any final action or failure to act by a State or local government or any instrumentality thereof that is inconsistent with this subparagraph may, within 30 days after such action or failure to act, commence an action in any court of competent jurisdiction. The court shall hear and decide such action on an expedited basis. Any person adversely affected by an act or failure to act by a State or local government or any instrumentality thereof that is inconsistent with clause (iv) may petition the Commission for relief.

"(C) DEFINITIONS.—For purposes of this paragraph—

"(i) the term 'personal wireless services' means commercial mobile services, unlicensed wireless services, and common carrier wireless exchange access services;

"(ii) the term 'personal wireless service facilities' means facilities for the provision of personal wireless services; and

"(iii) the term 'unlicensed wireless service' means the offering of telecommunications services using duly authorized devices which do not require individual licenses, but does not mean the provision of direct-to-home satellite services (as defined in section 303(v)).".

(b) RADIO FREQUENCY EMISSIONS.—Within 180 days after the enactment of this Act, the Commission shall complete action in ET Docket 93–62 to prescribe and make effective rules regarding the environmental effects of radio frequency emissions.

(c) AVAILABILITY OF PROPERTY.—Within 180 days of the enactment of this Act, the President or his designee shall prescribe procedures by which Federal departments and agencies may make available on a fair, reasonable, and nondiscriminatory basis, property, rights-of-way, and easements under their control for the placement of new telecommunications services that are dependent, in whole or in part, upon the utilization of Federal spectrum rights for the transmission or reception of such services. These procedures may establish a presumption that requests for the use of property, rights-of-way, and easements by duly authorized providers should be granted absent unavoidable direct conflict with the department or agency's mission, or the current or planned use of the property, rights-of-way, and easements in question. Reasonable fees may be charged to providers of such telecommunications services for use of property, rights-of-way, and easements. The Commission shall provide technical support to States to encourage them to make property, rights-of-way, and easements under their jurisdiction available for such purposes.

[redacted]

RIERS.

Section 332(c) (47 U.S.C. 332(c)) is amended by adding at the end the following new paragraph:

"(8) MOBILE SERVICES ACCESS.—A person engaged in the provision of commercial mobile services, insofar as such person is so engaged, shall not be required to provide equal access to common carriers for the provision of [illegible]

portionate share of the costs incurred by the owner in making such conduit or right-of-way accessible.

Conference agreement

The conference agreement adopts the Senate provision with modifications. The conference agreement amends section 224 of the Communications Act by adding new subsection (e)(1) to allow parties to negotiate the rates, terms, and conditions for attaching to poles, ducts, conduits, and rights-of-way owned or controlled by utilities. New subsection 224(e)(2) establishes a new rate formula charged to telecommunications carriers for the non-useable space of each pole. Such rate shall be based upon the number of attaching entities. The conferees also agree to three additional provisions from the House amendment. First, subsection (g) requires utilities that engage in the provision of telecommunications services or cable services to impute to its costs of providing such service an equal amount to the pole attachment rate for which such company would be liable under section 224. Second, new subsection 224(h) requires utilities to provide written notification to attaching entities of any plans to modify or alter its poles, ducts, conduit, or rights-of-way. New subsection 224(h) also requires any attaching entity that takes advantage of such opportunity to modify its own attachments shall bear a proportionate share of the costs of such alterations. Third, new subsection 224(i) prevents a utility from imposing the cost of rearrangements to other attaching entities if done solely for the benefit of the utility.

SECTION 704—FACILITIES SITING; RADIO FREQUENCY EMISSION STANDARDS

Senate bill

No provision.

House amendment

Section 108 of the House amendment required the Commission to issue regulations within 180 days of enactment for siting of CMS. A negotiated rulemaking committee comprised of State and local governments, public safety agencies and the affected industries were to have attempted to develop a uniform policy to propose to the Commission for the siting of wireless tower sites.

The House amendment also required the Commission to complete its pending Radio Frequency (RF) emission exposure standards within 180 days of enactment. The siting of facilities could not be denied on the basis of RF emission levels for facilities that were in compliance with the Commission standard.

The House amendment also required that to the greatest extent possible the Federal government make available to use of Federal property, rights-of-way, easements and any other physical instruments in the siting of wireless telecommunications facilities.

Conference agreement

The conference agreement creates a new section 704 which prevents Commission preemption of local and State land use decisions and preserves the authority of State and local governments over

zoning and land use matters except in the limited circumstances set forth in the conference agreement. The conference agreement also provides a mechanism for judicial relief from zoning decisions that fail to comply with the provisions of this section. It is the intent of the conferees that other than under section 332(c)(7)(B)(iv) of the Communications Act of 1934 as amended by this Act and section 704 of the Telecommunications Act of 1996 the courts shall have exclusive jurisdiction over all other disputes arising under this section. Any pending Commission rulemaking concerning the preemption of local zoning authority over the placement, construction or modification of CMS facilities should be terminated.

When utilizing the term "functionally equivalent services" the conferees are referring only to personal wireless services as defined in this section that directly compete against one another. The intent of the conferees is to ensure that a State or local government does not in making a decision regarding the placement, construction and modification of facilities of personal wireless services described in this section unreasonably favor one competitor over another. The conferees also intend that the phrase "unreasonably discriminate among providers of functionally equivalent services" will provide localities with the flexibility to treat facilities that create different visual, aesthetic, or safety concerns differently to the extent permitted under generally applicable zoning requirements even if those facilities provide functionally equivalent services. For example, the conferees do not intend that if a State or local government grants a permit in a commercial district, it must also grant a permit for a competitor's 50-foot tower in a residential district.

Actions taken by State or local governments shall not prohibit or have the effect of prohibiting the placement, construction or modification of personal wireless services. It is the intent of this section that bans or policies that have the effect of banning personal wireless services or facilities not be allowed and that decisions be made on a case-by-case basis.

Under subsection (c)(7)(B)(ii), decisions are to be rendered in a reasonable period of time, taking into account the nature and scope of each request. If a request for placement of a personal wireless service facility involves a zoning variance or a public hearing or comment process, the time period for rendering a decision will be the usual period under such circumstances. It is not the intent of this provision to give preferential treatment to the personal wireless service industry in the processing of requests, or to subject their requests to any but the generally applicable time frames for zoning decision.

The phrase "substantial evidence contained in a written record" is the traditional standard used for judicial review of agency actions.

The conferees intend section 332(c)(7)(B)(iv) to prevent a State or local government or its instrumentalities from basing the regulation of the placement, construction or modification of CMS facilities directly or indirectly on the environmental effects of radio frequency emissions if those facilities comply with the Commission's regulations adopted pursuant to section 704(b) concerning such emissions.

The limitations on the role and powers of the Commission under this subparagraph relate to local land use regulations and are not intended to limit or affect the Commission's general authority over radio telecommunications, including the authority to regulate the construction, modification and operation of radio facilities.

The conferees intend that the court to which a party appeals a decision under section 332(c)(7)(B)(v) may be the Federal district court in which the facilities are located or a State court of competent jurisdiction, at the option of the party making the appeal, and that the courts act expeditiously in deciding such cases. The term "final action" of that new subparagraph means final administrative action at the State or local government level so that a party can commence action under the subparagraph rather than waiting for the exhaustion of any independent State court remedy otherwise required.

With respect to the availability of Federal property for the use of wireless telecommunications infrastructure sites under section 704(c), the conferees generally adopt the House provisions, but substitute the President or his designee for the Commission.

It should be noted that the provisions relating to telecommunications facilities are not limited to commercial mobile radio licensees, but also will include other Commission licensed wireless common carriers such as point to point microwave in the extremely high frequency portion of the electromagnetic spectrum which rely on line of sight for transmitting communication services.

SECTION 705—MOBILE SERVICE DIRECT ACCESS TO LONG DISTANCE CARRIERS

Senate bill

Subsection (b) of section 221 of the Senate bill, as passed, states that notwithstanding the MFJ or any other consent decree, no CMS provider will be required by court order or otherwise to provide long distance equal access. The Commission may only order equal access if a CMS provider is subject to the interconnection obligations of section 251 and if the Commission finds that such a requirement is in the public interest. CMS providers shall ensure that its subscribers can obtain unblocked access to the interexchange carrier of their choice through the use of interexchange carrier identification codes, except that the unblocking requirement shall not apply to mobile satellite services unless the Commission finds it is in the public interest.

House amendment

Under section 109 of the House amendment, the Commission shall require providers of two-way switched voice CMS to allow their subscribers to access the telephone toll services provider of their choice through the use of carrier identification codes. The Commission rules will supersede the equal access, balloting and prescription requirements imposed by the MFJ and the AT&T-McCaw consent decree. The Commission may exempt carriers or classes of carriers from the requirements of this section if it is consistent with the public interest, convenience, and necessity, and the

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign	File Number
WQJQ689	0008587211
Radio Service	
WU - 700 MHz Upper Band (Block C)	

FCC Registration Number (FRN): 0003290673

Grant Date	Effective Date	Expiration Date	Print Date
09-11-2019	09-11-2019	06-13-2029	09-13-2019

Market Number	Channel Block	Sub-Market Designator
REA001	C	0

Market Name
Northeast

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
06-13-2013	06-13-2019		

Waivers/Conditions:

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

This authorization is conditioned upon compliance with section 27.16 of the Commission's rules

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select “License Search”. Follow the instructions on how to search for license information.

FCC 601-MB
October 2017

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQJQ689 **File Number:** 0008587211 **Print Date:** 09-13-2019

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: VERIZON WIRELESS OF THE EAST LP

ATTN: REGULATORY
VERIZON WIRELESS OF THE EAST LP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign	File Number
KNKA580	
Radio Service CL - Cellular	
Market Numer CMA144	**Channel Block** B
Sub-Market Designator 0	

FCC Registration Number (FRN): 0007609324

Market Name
Orange County, NY

Grant Date	Effective Date	Expiration Date	Five Yr Build-Out Date	Print Date
12-19-2017	01-09-2020	01-22-2028		01-10-2020

Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
1	41-12-35.0 N	074-21-09.0 W	442.9	70.7	1003029

Address: WARWICK BRADY ROAD
City: WARWICK **County:** ORANGE **State:** NY **Construction Deadline:**

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	313.500	264.400	247.600	294.300	238.400	133.000	253.100	356.100
Transmitting ERP (watts)	0.200	0.200	0.200	0.200	0.200	2.710	20.110	8.700

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	315.600	266.500	249.800	296.500	240.600	135.100	255.200	358.200
Transmitting ERP (watts)	20.110	8.700	0.200	0.200	0.200	0.200	0.200	2.710

Antenna: 4
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	315.600	266.500	249.800	296.500	240.600	135.100	255.200	358.200
Transmitting ERP (watts)	0.200	0.200	0.330	0.460	52.890	37.600	0.570	0.200

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

FCC 601-C
March 2018

Licensee Name: VERIZON WIRELESS OF THE EAST LP

Call Sign: KNKA580 **File Number:** **Print Date:** 01-10-2020

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
1	41-12-35.0 N	074-21-09.0 W	442.9	70.7	1003029

Address: WARWICK BRADY ROAD
City: WARWICK **County:** ORANGE **State:** NY **Construction Deadline:**

Antenna: 5
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	315.600	266.500	249.800	296.500	240.600	135.100	255.200	358.200
Transmitting ERP (watts)	0.200	0.450	11.730	18.090	1.550	0.200	0.200	0.200

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
2	41-25-36.3 N	074-34-52.6 W	381.3	58.5	

Address: FINCHVILLE - 0.5 MILE FROM THE INTERSECTION OF GUYMARD TURNPIKE AND MOUNTAIN ROA
City: FINCHVILLE **County:** ORANGE **State:** NY **Construction Deadline:**

Antenna: 4
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	145.900	219.500	227.500	263.500	189.100	243.000	176.700	52.500
Transmitting ERP (watts)	48.980	100.000	43.650	6.920	0.950	0.220	1.100	8.510

Antenna: 5
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	145.900	219.500	227.500	263.500	189.100	243.000	176.700	52.500
Transmitting ERP (watts)	0.200	1.260	12.880	61.660	95.500	32.360	4.470	0.620

Antenna: 6
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	145.900	219.500	227.500	263.500	189.100	243.000	176.700	52.500
Transmitting ERP (watts)	17.380	2.290	0.210	0.200	2.240	22.910	83.180	75.860

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
3	41-22-03.3 N	074-40-55.6 W	137.2	40.0	

Address: (Port Jervis site) 160 EAST MAIN ST.
City: PORT JERVIS **County:** ORANGE **State:** NY **Construction Deadline:**

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-218.200	-76.200	-105.700	-94.600	-216.300	-45.200	-191.400	-96.900
Transmitting ERP (watts)	162.690	437.890	100.310	2.460	0.890	0.890	0.890	8.740

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-218.200	-76.200	-105.700	-94.600	-216.300	-45.200	-191.400	-96.900
Transmitting ERP (watts)	0.960	0.960	2.160	35.100	38.800	2.320	0.960	0.960

Licensee Name: VERIZON WIRELESS OF THE EAST LP

Call Sign: KNKA580 **File Number:** **Print Date:** 01-10-2020

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
3	41-22-03.3 N	074-40-55.6 W	137.2	40.0	

Address: (Port Jervis site) 160 EAST MAIN ST.
City: PORT JERVIS **County:** ORANGE **State:** NY C**onstruction Deadline:**

Antenna: 4
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-218.200	-76.200	-105.700	-94.600	-216.300	-45.200	-191.400	-96.900
Transmitting ERP (watts)	7.130	0.980	0.980	0.980	0.980	0.980	32.460	241.190

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	41-33-04.8 N	074-05-01.0 W	196.3	47.5	1014196

Address: OFF VALLEY VIEW DRIVE
City: Newburgh **County:** ORANGE **State:** NY C**onstruction Deadline:**

Antenna: 4
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	68.300	95.800	164.400	145.900	123.900	104.800	113.800	116.300
Transmitting ERP (watts)	0.200	3.090	31.620	14.790	0.270	0.200	0.200	0.200

Antenna: 5
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	68.300	95.800	164.400	145.900	123.900	104.800	113.800	116.300
Transmitting ERP (watts)	0.200	0.200	0.200	0.200	9.550	34.670	5.620	0.200

Antenna: 6
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	68.300	95.800	164.400	145.900	123.900	104.800	113.800	116.300
Transmitting ERP (watts)	85.110	23.440	3.160	0.280	0.200	1.410	17.380	72.440

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
5	41-23-22.3 N	073-58-50.5 W	301.5	43.0	

Address: ATOP SKI SLOPE, 0.8 MILE NE OF THE INT. OF ROUTES 9W AND 293
City: WEST POINT **County:** ORANGE **State:** NY C**onstruction Deadline:**

Antenna: 4
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	306.700	148.900	183.200	234.300	267.000	63.800	54.400	214.100
Transmitting ERP (watts)	2.690	22.390	66.070	47.860	9.120	0.710	0.200	0.410

Antenna: 5
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	306.700	148.900	183.200	234.300	267.000	63.800	54.400	214.100
Transmitting ERP (watts)	0.590	0.200	1.230	7.240	51.290	95.500	40.740	5.010

Licensee Name: VERIZON WIRELESS OF THE EAST LP

Call Sign: KNKA580 **File Number:** **Print Date:** 01-10-2020

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
5	41-23-22.3 N	073-58-50.5 W	301.5	43.0	

Address: ATOP SKI SLOPE, 0.8 MILE NE OF THE INT. OF ROUTES 9W AND 293

City: WEST POINT **County:** ORANGE **State:** NY **Construction Deadline:**

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	306.700	148.900	183.200	234.300	267.000	63.800	54.400	214.100
Transmitting ERP (watts)	83.180	22.910	2.140	0.230	0.210	1.820	15.850	74.130

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	41-18-12.3 N	074-06-51.5 W	432.8	27.7	

Address: Arden House Road

City: Woodbury **County:** ORANGE **State:** NY **Construction Deadline:**

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	225.700	204.000	315.400	275.600	135.500	217.200	239.900	260.800
Transmitting ERP (watts)	40.240	79.460	36.390	2.570	0.200	0.200	0.200	3.310

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	225.700	204.000	315.400	275.600	135.500	217.200	239.900	260.800
Transmitting ERP (watts)	0.200	0.200	0.200	3.310	40.240	79.460	36.390	2.570

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	225.700	204.000	315.400	275.600	135.500	217.200	239.900	260.800
Transmitting ERP (watts)	25.120	0.740	0.200	0.200	0.200	0.830	30.200	100.000

Control Points:

Control Pt. No. 1

Address: 500 West Dove Road

City: Southlake **County:** TARRANT **State:** TX **Telephone Number:** (800)264-6620

Waivers/Conditions:

Special Condition for AU/name change (6/4/2016): Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign	File Number
WQGA801	0009761479
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date	Effective Date	Expiration Date	Print Date
12-14-2021	12-14-2021	11-29-2036	12-14-2021

Market Number	Channel Block	Sub-Market Designator
CMA144	A	0

Market Name
Orange County, NY

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

FCC 601-MB
August 2021

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA801 **File Number:** 0009761479 **Print Date:** 12-14-2021

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign	File Number
WQGA906	0009773259
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date	Effective Date	Expiration Date	Print Date
12-21-2021	12-21-2021	11-29-2036	12-21-2021

Market Number	Channel Block	Sub-Market Designator
BEA010	B	15

Market Name
New York-No. New Jer.-Long Isl

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA906 **File Number:** 0009773259 **Print Date:** 12-21-2021

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign	File Number
WRNE581	

Radio Service
PM - 3.7 GHz Service

FCC Registration Number (FRN): 0003290673

Grant Date	Effective Date	Expiration Date	Print Date
07-23-2021	07-23-2021	07-23-2036	

Market Number	Channel Block	Sub-Market Designator
PEA001	A1	0

Market Name
New York, NY

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
07-23-2029	07-23-2033		

Waivers/Conditions:

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select “License Search”. Follow the instructions on how to search for license information.

FCC 601-MB
August 2021

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE581 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign	File Number
WRNE582	

Radio Service
PM - 3.7 GHz Service

FCC Registration Number (FRN): 0003290673

Grant Date	Effective Date	Expiration Date	Print Date
07-23-2021	07-23-2021	07-23-2036	

Market Number	Channel Block	Sub-Market Designator
PEA001	A2	0

Market Name
New York, NY

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
07-23-2029	07-23-2033		

Waivers/Conditions:

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select “License Search”. Follow the instructions on how to search for license information.

FCC 601-MB
August 2021

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE582 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign	File Number
WRNE583	

Radio Service
PM - 3.7 GHz Service

FCC Registration Number (FRN): 0003290673

Grant Date	Effective Date	Expiration Date	Print Date
07-23-2021	07-23-2021	07-23-2036	

Market Number	Channel Block	Sub-Market Designator
PEA001	A3	0

Market Name
New York, NY

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
07-23-2029	07-23-2033		

Waivers/Conditions:

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select “License Search”. Follow the instructions on how to search for license information.

FCC 601-MB
August 2021

Licensee Name: CELLCO PARTNERSHIP

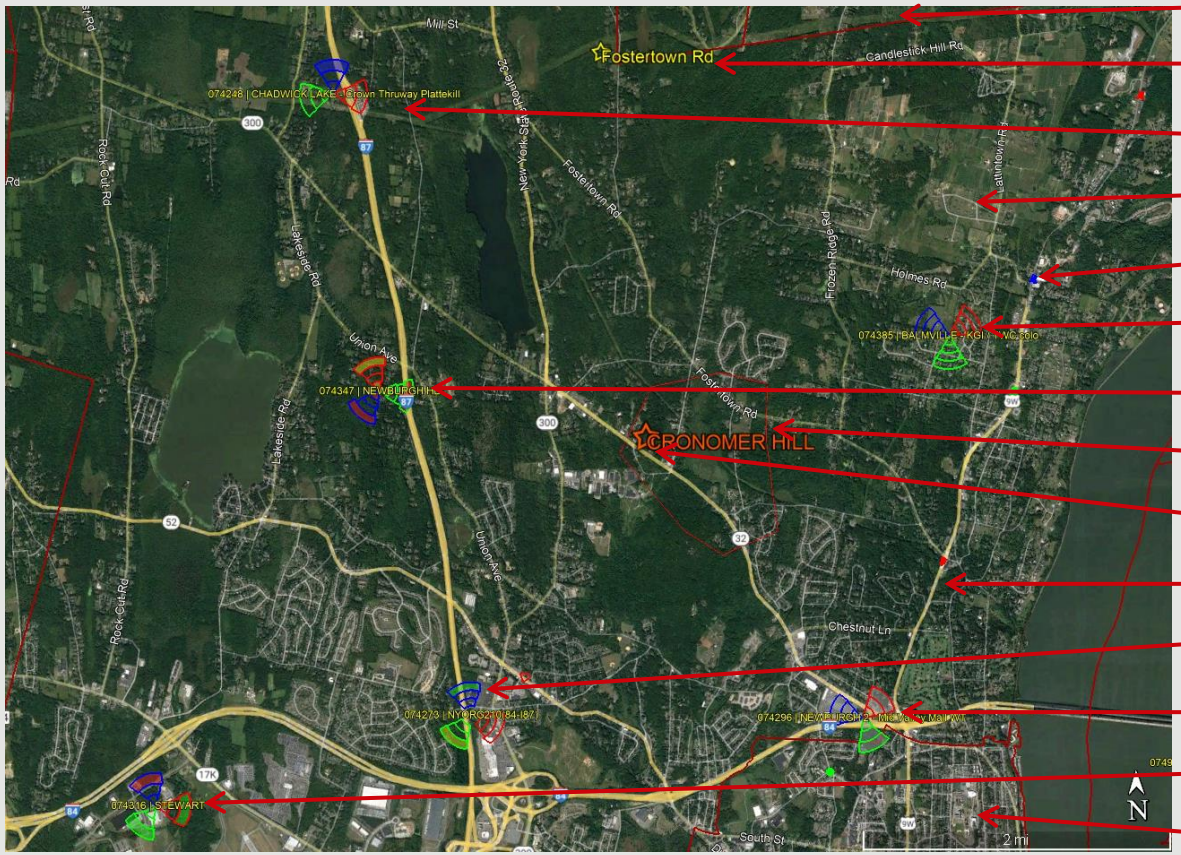
Call Sign: WRNE583 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Verizon Wireless Communications Facility

Engineering Necessity Case – "Cronomer Hill"



- Town of Marlborough
- Fostertown Rd - Planned Site
- Chadwick Lake – Existing Site
- Town of Newburgh
- Marlboro 9W – Existing Micro Sites
- Balmville – Existing Site
- Newburgh HD – Existing Site
- Cronomer Hill – Search Area
- Project Location (Cronomer Hill)
- Rt 9W
- I87-I84 – Existing Site
- Newburgh 2 – Existing Site
- Stewart – Existing Site
- City of Newburgh

Prepared by: Brendan Hennessy

Project: The project is the installation and operation of a new co-located wireless telecommunications site in the Town of Newburgh (the "Project Facility").

verizon

May 28th, 2024

Introduction

The purpose of this subsequent analysis is to summarize and communicate the technical radio frequency (RF) information used in the justification of this new site.

Coverage and/or capacity deficiencies are the two main drivers that prompt the need for a new wireless communications facility/site. All sites provide a mixture of both capacity and coverage for the benefit of the end user.

Coverage can be defined as the existence of signal of usable strength and quality in an area, including but not limited to in-vehicles or in-buildings.

The need for improved coverage is identified by RF Engineers that are responsible for developing and maintaining the network. RF Engineers utilize both theoretical and empirical data sets (propagation maps and real world coverage measurements). Historically, coverage improvements have been the primary justification of new sites.

Capacity can be defined as the amount of traffic (voice and data) a given site can process before significant performance degradation occurs.

When traffic volume exceeds the capacity limits of a site serving a given area, network reliability and user experience degrades. Ultimately this prevents customers from making/receiving calls, applications cease functioning, internet connections time out and data speeds fail. This critical condition is more important than just a simple nuisance for some users. Degradation of network reliability and user experience can affect emergency responders and to persons in a real emergency situation can literally mean life or death.

Project Need Overview

The targeted service improvement area, located in the central portion of the Town of **Newburgh** is currently served by two sites. These sites are overloaded requiring capacity relief. Additionally the target area is subject to significant terrain challenges for RF (signal) propagation. This terrain combined with area foliage and long distance prevent effective propagation of Verizon's RF signals into this area compounding the capacity issue with areas of variable coverage creating significant gaps in coverage.

The first serving site is **Newburgh HD,** located in the town of **Newburgh**, is approximately two miles west (of the project location) situated on an existing tower located off **Valley View Dr**. While this site provides weak/variable coverage in portions of the target area, it does so from a terrain and distance challenged position making the site not capable of efficiently or effectively providing adequate coverage or capacity.

The second serving site is **I87-I84,** located in the town of **Newburgh**, is approximately two miles southwest (of the project location) situated on an existing tower located off **Meadow Hill Drive**. While this site provides weak/variable coverage in portions of the target area, it does so from a terrain and distance challenged position making the site not capable of efficiently or effectively providing adequate coverage or capacity.

Available (mid band AWS) carriers at these and other area sites are not capable of effectively serving/offloading the project area due to inherent propagation losses from distance, challenging terrain and in building coverage losses negatively impacting mid band coverage and capacity offload capabilities. There are other Verizon sites in this general area but due to distance and terrain they also do not provide any significant overlapping coverage in the area in question that could allow for increased capacity and improved coverage from other sources.

The primary objectives for this project are to increase capacity and improve coverage throughout the central portion of the Town of Newburgh, more specifically portions of NY SR 32, Rt 300, Fostertown Road, New Road, Wells Road, Weyants Ln., Brandywine Crossing, Ramblewood Dr., as well neighboring residential areas along and near these roads. In order to offload capacity from Newburgh HD site, a new dominant server must be created. This new dominant coverage will effectively offload the existing overloaded site as well as provide improved coverage where significant gaps exist today.

Following the search for co-locatable structures (within the search area) to resolve the aforementioned challenges and finding none available, Verizon proposes to attach the necessary antenna(s) to a new 120' monopole tower to be located at **248 N Plank Road, Newburgh, NY 12550**. Verizon's antennas will utilize 116' for the ACL (Antenna Center Line) with a top of antenna height of 120'. This solution will provide the necessary coverage and capacity improvements needed.

verizon

Wireless LTE (Voice and Data) Growth

Wireless smart city solutions are being used to track available parking and minimize pollution and wasted time.

These same solutions are being used to track pedestrian and bike traffic to help planning and minimize accidents.

Smart, wireless connected lighting enables cities to control lighting remotely, saving energy and reducing energy costs by 20%.

4G technology is utilized to track and plan vehicle deliveries to minimize travel, maximize efficiency, and minimize carbon footprint.

4G technology is also used to monitor building power usage down to the circuit level remotely, preventing energy waste and supporting predictive maintenance on machines and equipment.

Wireless sensors placed in shipments are being used to track temperature-sensitive medications, equipment, and food. This is important for preventing the spread of food-borne diseases that kill 3,000 Americans each year.

Source: Verizon Innovation Center, February. 2018

Wireless is a critical component in schools and for today's students.

20,000 learning apps are available for iPads. 72% of iTunes top selling educational apps are designed for preschoolers and elementary students.

600+ school districts replaced text books with tablets in classrooms.

77% of parents think tablets are beneficial to kids.

74% of school administrators feel digital content increases student engagement.

70% of teens use cellphones to help with homework.

Source: CTIA's Infographics Today's Wireless Family, October, 2017

The average North American smartphone user will consume 48 GB of data per month in 2023, up from just 5.2 GB per month in 2016 and 7.1 GB per month in 2017 .[1]

Of American homes are wireless only.[2]

In North America, the average household has 13 connected devices with smartphones outnumbering tablets 6 to 1.[3]

1. Ericsson Mobility Report, November 2017
2. CDC's 2018 Wireless Substitution: Early Release of Estimates From the National Health Interview Survey, January-July, 2018
3. IHS Market Connected Device Market Monitor: Q1 2016 , June 7, 2016

A wireless network is like a highway system…

US, mobile data traffic was 1.3 Exabytes per month in 2016, the equivalent of 334 million DVDs each month or 3,687 million text messages each second **according to** Cisco VNI Mobile Forecast Highlights, 2016-2021,Feb 2017

verizon

Wireless facilities and property values.

Cell service in and around the home has emerged as a critical factor in home-buying decisions.

National studies demonstrate that most home buyers value good cell service over many other factors including the proximity of schools when purchasing a home.

75% More than 75% of prospective home buyers said a good cellular connection was important to them.[1]

83% The same study showed that 83% of Millennials (those born between 1982 and 2004) said cell service was the most important fact in purchasing a home.

90% 90% of U.S. households use wireless service. Citizens need access to 911 and reverse 911 and wireless may be their only connection.[2]

1. RootMetrics/Money, The Surprising Thing Home Buyers Care About More than Schools, June 2, 2015
2. CTIA, June 2015

With over 80% of 9-1-1 calls now coming from cell phones…[1]

240 million 911 calls are made annually. In many areas, 80% or more are from wireless devices. [1]

1. National Emergency Number Association, Enhancing 9-1-1 Operations With Automated Abandoned Callback & Location Accuracy (Motorola Solutions) (August 23, 2018)

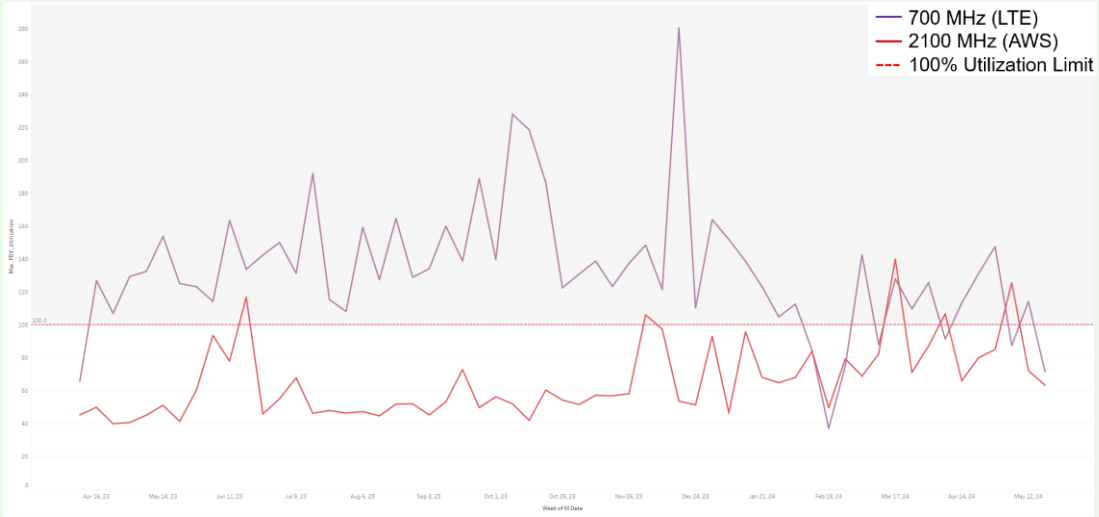
Explanation of Wireless Capacity

Capacity in this analysis is evaluated with up to three metrics further explained below. These metrics assist in determining actual usage for a given site as well as are used to project when a site is expected to run out of capacity (i.e. reach a point of exhaustion where it can no longer process the volume of voice and data requested by local wireless devices, thus no longer providing adequate service).

- Forward Data Volume ("**FDV**"), is a measurement of usage (data throughput) on a particular site over a given period of time.
- Average Schedule Eligible User ("**ASEU**"), is a measurement of the loading of the control channels and systems of a given site.
- Average Active Connections ("**AvgAC**") is a measurement of the number of devices actively connected to a site in any given time slot.

Verizon Wireless uses proprietary algorithms developed by a task force of engineers and computer programmers to monitor each site in the network and accurately project and identify when sites will approach their capacity limits. Using a rolling two-year window for projected exhaustion dates allows enough time, in most cases, to develop and activate a new site. It is critical that these capacity approaching sectors are identified early and the process gets started and completed in time for new solutions (sites) to be on air before network issues impact the customers.

Capacity Utilization
FDV (Newburgh HD Beta)



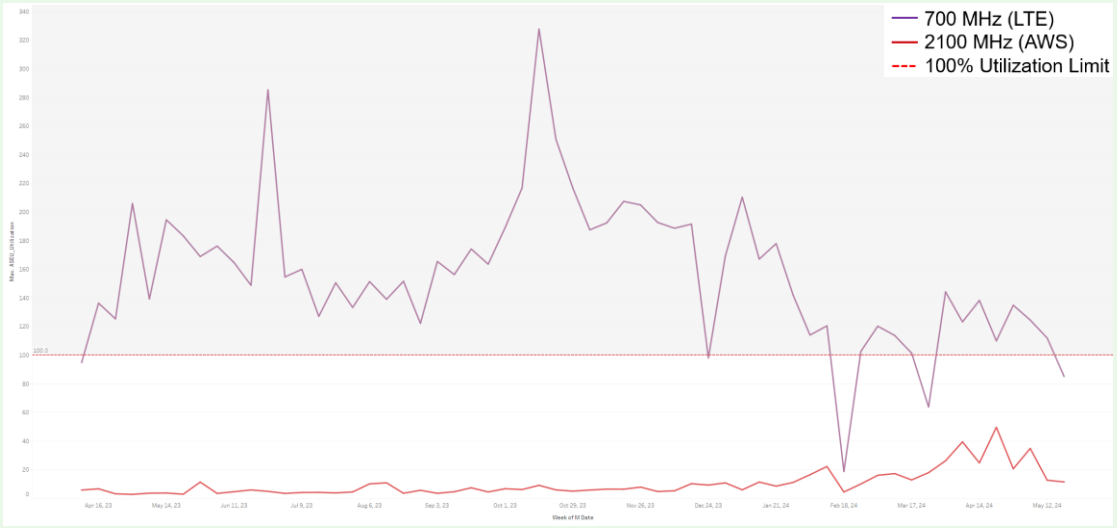
Summary: This graph shows FDV (**F**orward **D**ata **V**olume) which is a measurement of the customer data usage that this sector currently serves. As this limit is approached, data rates slow to unacceptable levels, potentially causing unreliable service for Verizon Wireless customers.

The purple line represents the daily max busy hour 700MHz utilization and the dark red line is daily max busy hour AWS utilization on the **Beta** sector of the **Newburgh HD** site. The red dashed line is the limit where the sector reaches exhaustion and service starts to significantly degrade. The point in time where we see the purple or dark red lines reach or exceed the red dashed line is when service quickly degrades as usage continues to increase.

Detail: The existing **Newburgh HD** sector shown above has exceeded its capability of supporting FDV requirements as shown by the purple line exceeding the max utilization threshold (red dashed line). FDV is one of up to three metrics used in this presentation to evaluate capacity capability in this area. This graph also reveals the inability of the AWS carrier (dark red line) to provide the necessary capacity offload for the low band carrier due to differences in RF propagation characteristics. The solution is network densification.

verizon

Capacity Utilization
ASEU (Newburgh HD Beta)



Summary: This graph shows ASEU (**A**verage **S**chedule **E**ligible **U**ser). ASEU is a measurement of the loading of the control channels and systems of a given site. The ASEU load is heavily impacted by distant users or those in poor RF conditions.

The purple line represents the daily max busy hour 700MHz utilization and the dark red line is daily max busy hour AWS utilization on the **Beta** sector of the **Newburgh HD** site. The red dashed line is the limit where the sector reaches exhaustion and service starts to significantly degrade. The point in time where we see the purple or dark red lines reach or exceed the red dashed line is when service quickly degrades as usage continues to increase.

Detail: The existing **Newburgh HD** sector shown above has exceeded its capability of supporting ASEU requirements as shown by the purple line exceeding the max utilization threshold (red dashed line). This graph also reveals the inability of the AWS carrier (dark red line) to provide the necessary capacity offload for the low band carrier due to differences in RF propagation characteristics. The solution is network densification.

verizon

Capacity Utilization
AvgAC (Newburgh HD Beta)

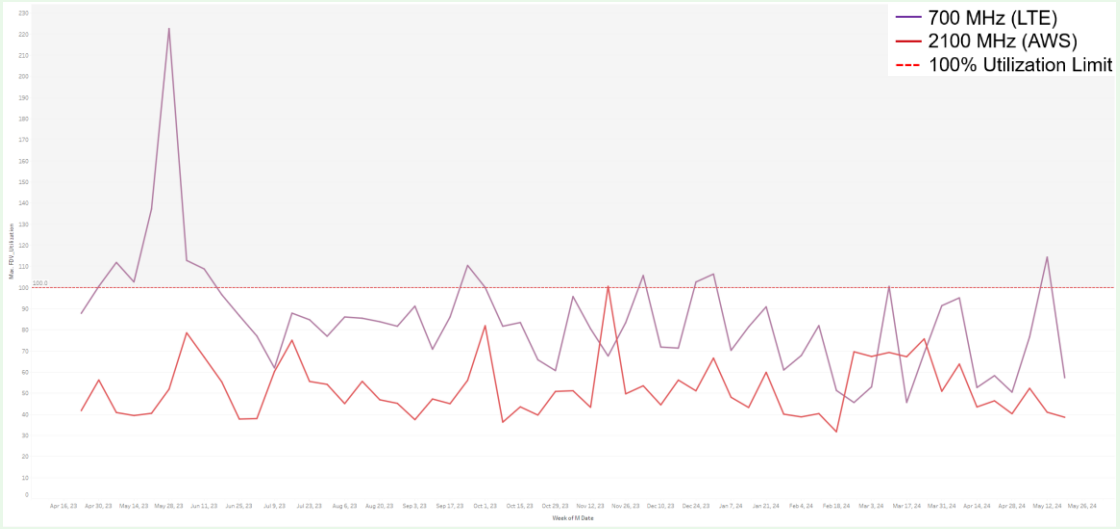
Summary: This graph shows AvgAC (**A**verage **A**ctive **C**onnections). AvgAC utilization by carrier is a measurement of max active connection capacity per sector in any given time slot. When this limit is reached, no additional devices will be able to connect to the site, resulting in connection failures and dropped calls.

The purple line represents the daily max busy hour 700MHz utilization and the dark red line is daily max busy hour AWS utilization on the **Beta** sector of the **Newburgh HD** site. The red dashed line is the limit where the sector reaches exhaustion and service starts to significantly degrade. The point in time where we see the purple or dark red lines reach or exceed the red dashed line is when service quickly degrades as usage continues to increase.

Detail: The existing **Newburgh HD** sector shown above has not exceeded its capability of supporting AvgAC requirements yet, but it still needs 'capacity relief' as the other two metrics are exceeding the limit.

verizon

Capacity Utilization
FDV (I87-I84 Gamma)



Summary: This graph shows FDV (**F**orward **D**ata **V**olume) which is a measurement of the customer data usage that this sector currently serves. As this limit is approached, data rates slow to unacceptable levels, potentially causing unreliable service for Verizon Wireless customers.

The purple line represents the daily max busy hour 700MHz utilization and the dark red line is daily max busy hour AWS utilization on the **Gamma** sector of the **I87-I84** site. The red dashed line is the limit where the sector reaches exhaustion and service starts to significantly degrade. The point in time where we see the purple or dark red lines reach or exceed the red dashed line is when service quickly degrades as usage continues to increase.

Detail: The existing **I87-I84** sector shown above has exceeded its capability of supporting FDV requirements as shown by the purple line exceeding the max utilization threshold (red dashed line). FDV is one of up to three metrics used in this presentation to evaluate capacity capability in this area. This graph also reveals the inability of the AWS carrier (dark red line) to provide the necessary capacity offload for the low band carrier due to differences in RF propagation characteristics. The solution is network densification.

verizon

Capacity Utilization
ASEU (I87-I84 Gamma)

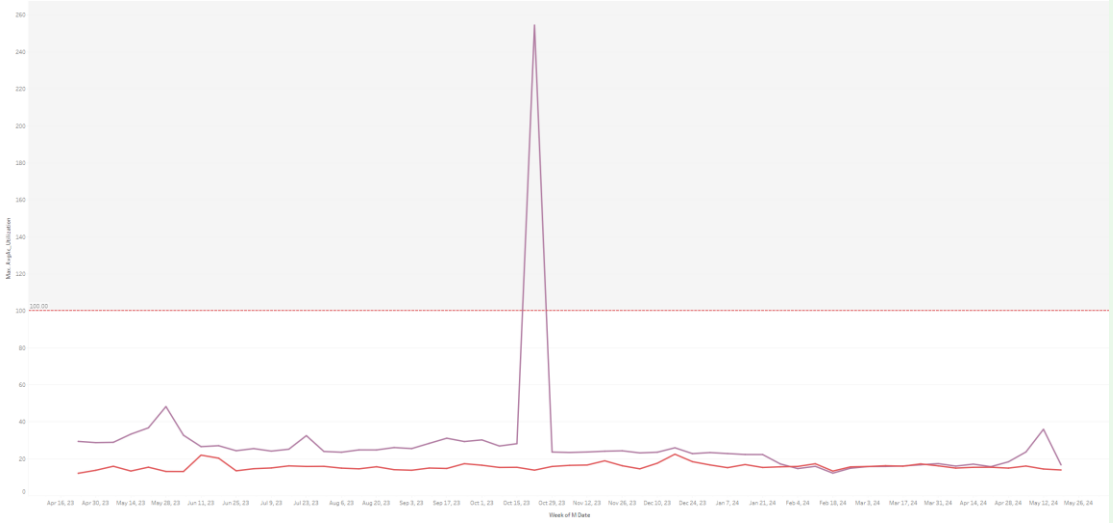
Summary: This graph shows ASEU (**A**verage **S**chedule **E**ligible **U**ser). ASEU is a measurement of the loading of the control channels and systems of a given site. The ASEU load is heavily impacted by distant users or those in poor RF conditions.

The purple line represents the daily max busy hour 700MHz utilization and the dark red line is daily max busy hour AWS utilization on the **Gamma** sector of the **I87-I84** site. The red dashed line is the limit where the sector reaches exhaustion and service starts to significantly degrade. The point in time where we see the purple or dark red lines reach or exceed the red dashed line is when service quickly degrades as usage continues to increase.

Detail: The existing **I87-I84** sector shown above is not currently exceeding its capability of supporting ASEU requirements as shown by the purple line exceeding the max utilization threshold (red dashed line). As shown in the graph this site does experience periods of excessive traffic causing the low band carrier to exceed the ASEU threshold. This can lead to inconsistent user experience while served by this site. This graph also reveals the inability of the AWS carrier (dark red line) to provide the necessary capacity offload for the low band carrier due to differences in RF propagation characteristics. The solution is network densification.

verizon

Capacity Utilization
AvgAC (I87-I84 Gamma)



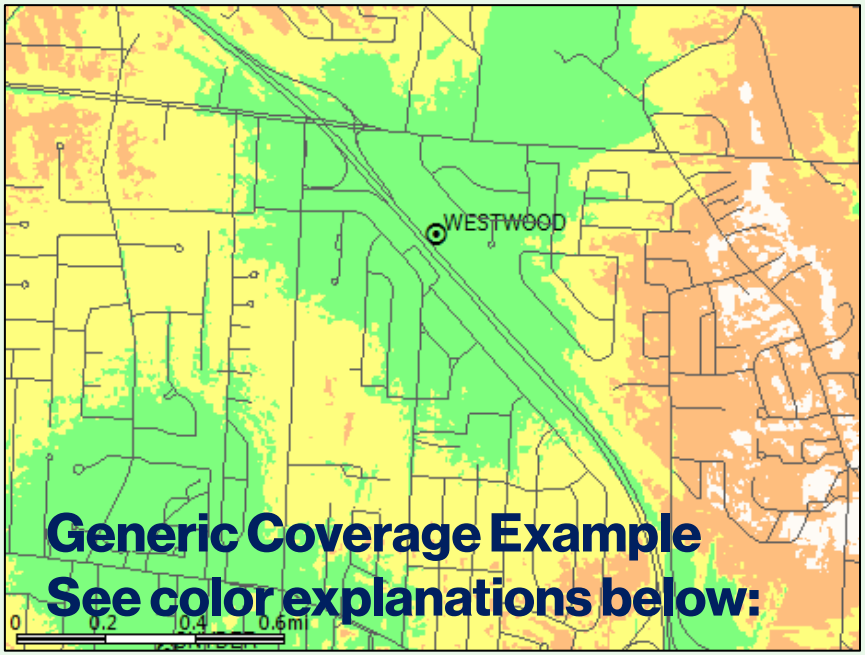
Summary: This graph shows AvgAC (**A**verage **A**ctive **C**onnections). AvgAC utilization by carrier is a measurement of max active connection capacity per sector in any given time slot. When this limit is reached, no additional devices will be able to connect to the site, resulting in connection failures and dropped calls.

The purple line represents the daily max busy hour 700MHz utilization and the dark red line is daily max busy hour AWS utilization on the **Gamma** sector of the **I87-I84** site. The red dashed line is the limit where the sector reaches exhaustion and service starts to significantly degrade. The point in time where we see the purple or dark red lines reach or exceed the red dashed line is when service quickly degrades as usage continues to increase.

Detail: The existing **I87-I84 Gamma** sector shown above has not exceeded its capability of supporting AvgAC requirements yet, but it still needs 'capacity relief' as the other two metrics are exceeding the limit.

verizon

Explanation of Wireless Coverage



Generic Coverage Example
See color explanations below:

Coverage is best shown via coverage maps. RF engineers use computer simulation tools that take into account terrain, vegetation, building types, and site specifics to model the RF environment. This model is used to simulate the real world network and assist engineers to evaluate the impact of a proposed site (along with industry experience and other tools).

Many Verizon Wireless sites provide 3G CDMA at 850 MHz and 4G LTE at 700 MHz. As capacity requirements increase, higher frequency PCS (1900 MHz) and AWS (2100 MHz) carriers are added. In some mountaintop situations the mid band (higher frequency) AWS and PCS carriers are not fully effective due to excessive distance from the user population.

Coverage provided by a given site is affected by the frequencies used. Lower frequencies propagate further distances, and are less attenuated by clutter than higher frequencies. To provide similar coverage levels at higher frequencies, a denser network of sites is required (network densification).

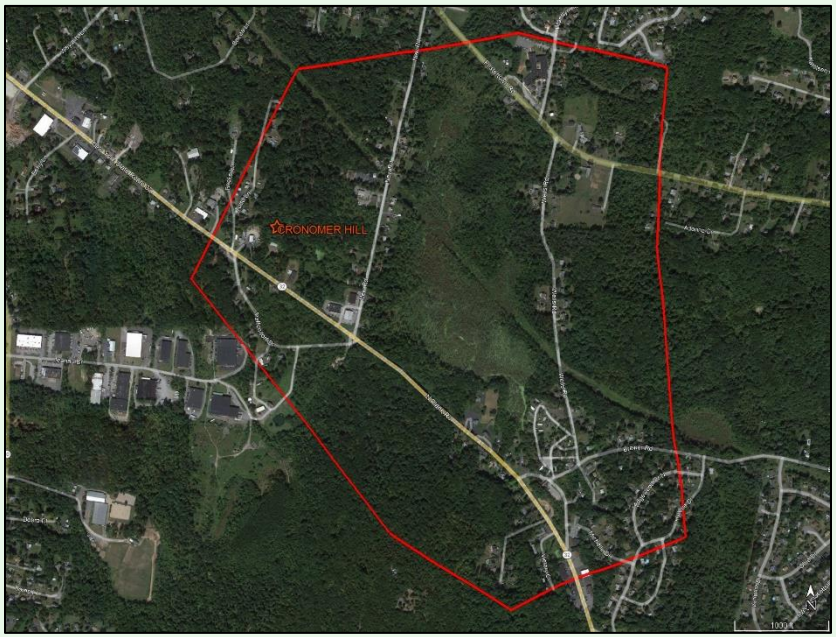
Note the affect of clutter on the predicted coverage footprint above

**Dark Green >/= -75dBm RSRP, typically serves dense urban areas as well as areas of substantial construction (colleges, hospitals, dense multi family etc.)
Green >/= -85dBm RSRP, typically serves suburban single family residential and light commercial buildings
Yellow >/= -95dBm RSRP, typically serves most rural/suburban-residential and in car applications
Orange >/= -105dBm RSRP, rural highway coverage, subject to variable conditions including fading and seasonality gaps
White = <-105dBm RSRP, variable to no reliable coverage gap area

More detailed, site-specific coverage slides are later in the presentation
*Signal strength requirements vary as dictated by specific market conditions
** Not displayed in example map, layer not used in all site justifications

verizon

Explanation of this Search Area



Cronomer Hill Search Area

A **Search Area** is the geographical area within which a new site is targeted to solve a coverage or capacity deficiency. Three of the factors taken into consideration when defining a search area are topography, user density, and the existing network.

- **Topography** must be considered to minimize the obstacles between the proposed site and the target coverage area. For example, a site at the bottom of a ridge will not be able to cover the other side from a certain height.
- In general, the farther from a site the **User Population** is, the weaker the RF conditions are and the worse their experience is likely to be. These distant users also have an increased impact on the serving site's capacity. In the case of a multi sector site, centralized proximity is essential to allow users to be evenly distributed and allow efficient utilization of the site's resources.
- The existing **Network Conditions** also guide the design of a new site. Sites placed too close together create interference due to overlap and are an inefficient use of resources. Sites that are too tall or not properly integrated with existing sites cause interference and degrade service for existing users.
- Existing co-locatable structures inside the search area as well as within a reasonable distance of the search area are submitted by site acquisition and reviewed by RF Engineering. If possible, RF will make use of existing or nearby structures before proposing to build new towers.

To resolve the coverage and capacity deficiencies previously detailed, Verizon Wireless is seeking to add one new cell facility within this area to improve wireless service capacity and coverage. By offloading traffic from **Newburgh HD** and **I87-I84** with the proposed site, adequate and reliable service will be restored. The new **Cronomer Hill** site will provide dominant and dedicated signal to the identified portions of the town of **Newburgh**. This helps to improve not only the **Cronomer Hill** project area but will also indirectly result with significant improvements in the central portion of the town of **Newburgh**.

verizon

Coverage plots

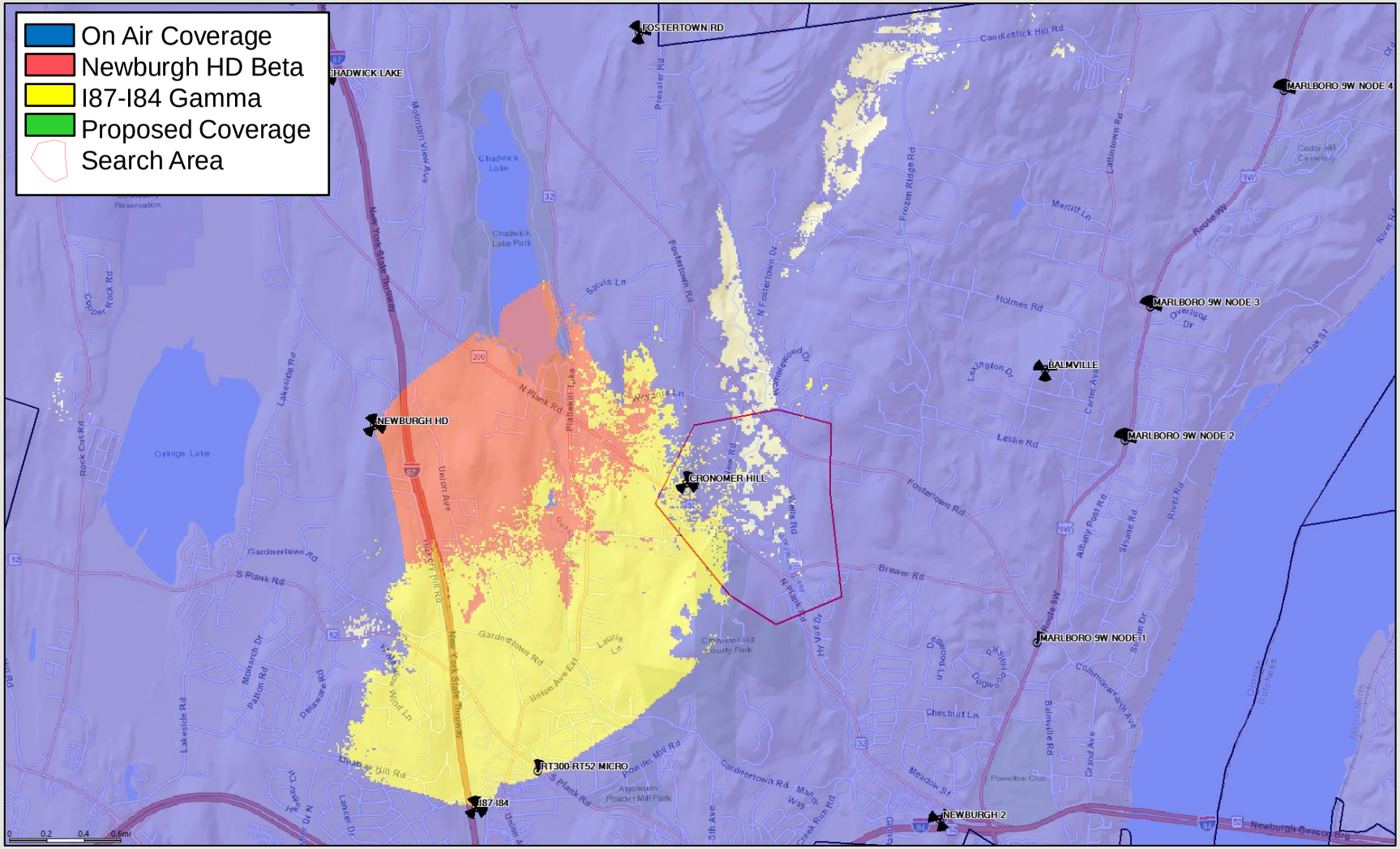
The following slides (15 – 26) display the coverage plots for

- Existing On-Air Sites
- Existing On-Air Sites + Cronomer Hill site (proposed location – 120’ Monopole at 248 North Plank Road, Newburgh, NY 12550)
- Existing On-Air Sites + Cronomer Hill site (alternative location – AT&T Tower – 200’ Monopole at 296 North Plank Road, Newburgh, NY 12550)

verizon

Existing 700MHz Best Server -105dBm RSRP

Best Server plots depict the actual footprint of each sector in question at one threshold so the viewer can accurately evaluate the area offloaded by the new sites dominant signal area.

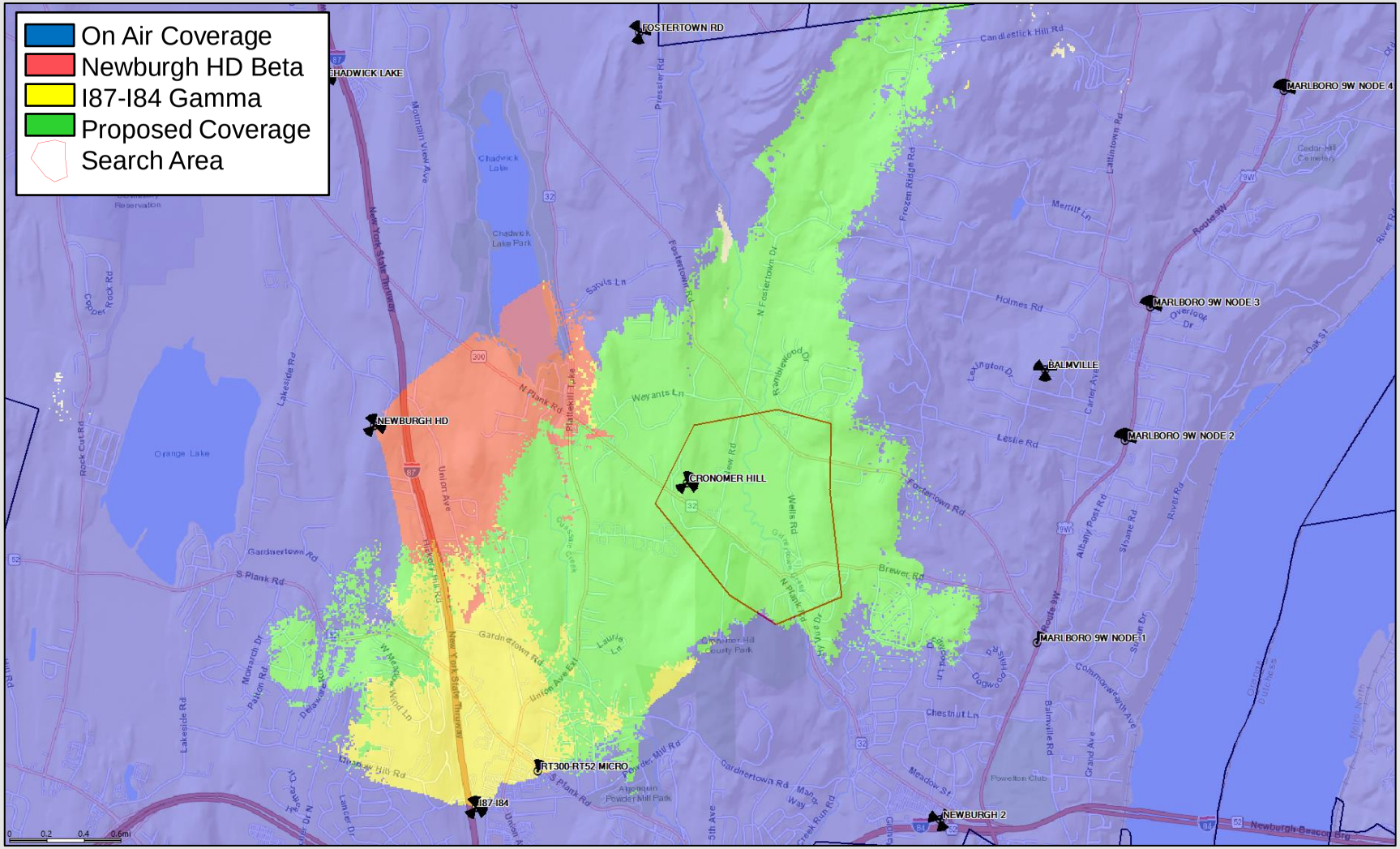


The map above represents existing low band coverage from existing sites, with the sites in need of capacity offload detailed in the legend above. Blue coverage is from other on air sites.

verizon

Proposed 700MHz Best Server -105dBm RSRP

Best Server plots depict the actual footprint of each sector in question at one threshold so the viewer can accurately evaluate the area offloaded by the new sites dominant signal area.

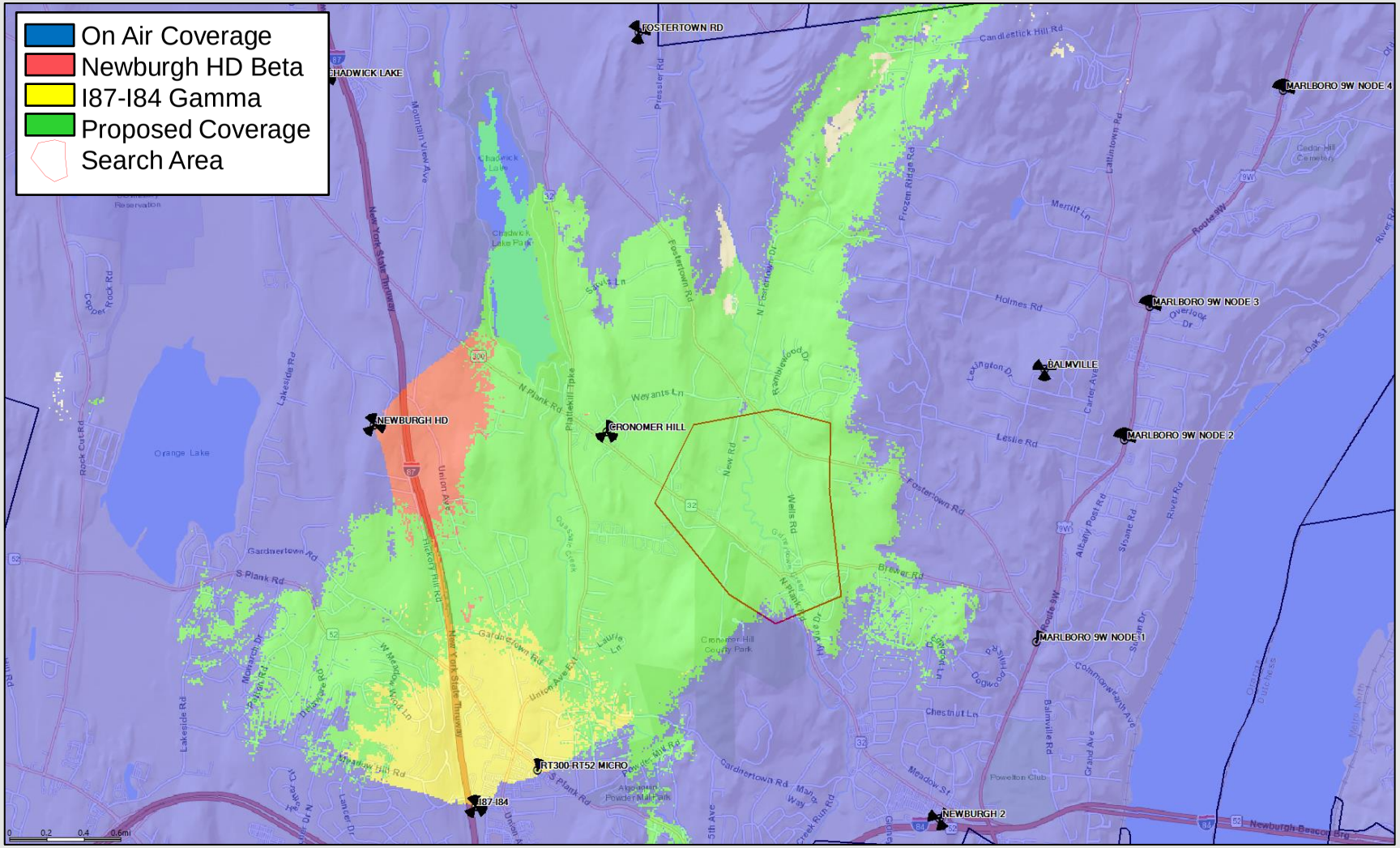


The map above adds the low band footprint of the proposed Cronomer Hill site in green. The green best server footprint provides improved coverage and capacity throughout the identified significant gap area. This will help to resolve the coverage and capacity issues impacting the Newburgh HD Beta and I87-I84 Gamma Sectors.

verizon

Proposed 700MHz Best Server -105dBm RSRP (Alternative location @176' ACL)

Best Server plots depict the actual footprint of each sector in question at one threshold so the viewer can accurately evaluate the area offloaded by the new sites dominant signal area.

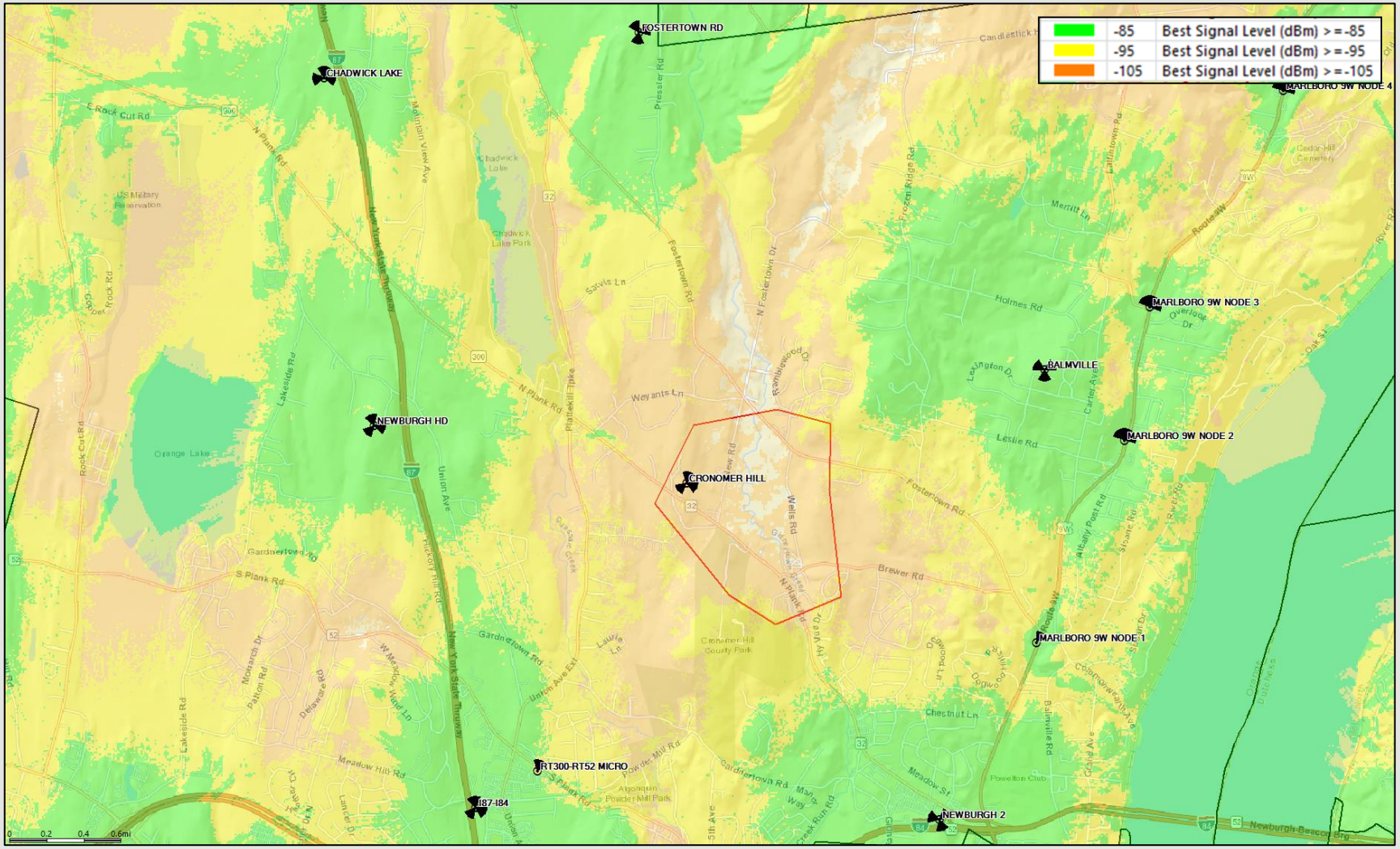


The map above adds the low band footprint of the proposed Cronomer Hill site from the alternative location (AT&T Tower at 176' ACL) in green. Although, the alternative location is 12' higher in ground elevation but it is unable to cover intersection of New Road and Fostertown Road due to the terrain issues, please refer slide 20. Also, it is outside the search area and close to the existing Verizon sites.

verizon

Existing 700MHz Coverage

This coverage map shows how weak the RF conditions are in and around the Cronomer Hill site area.
Refer to slide 12 for further explanation of these color thresholds

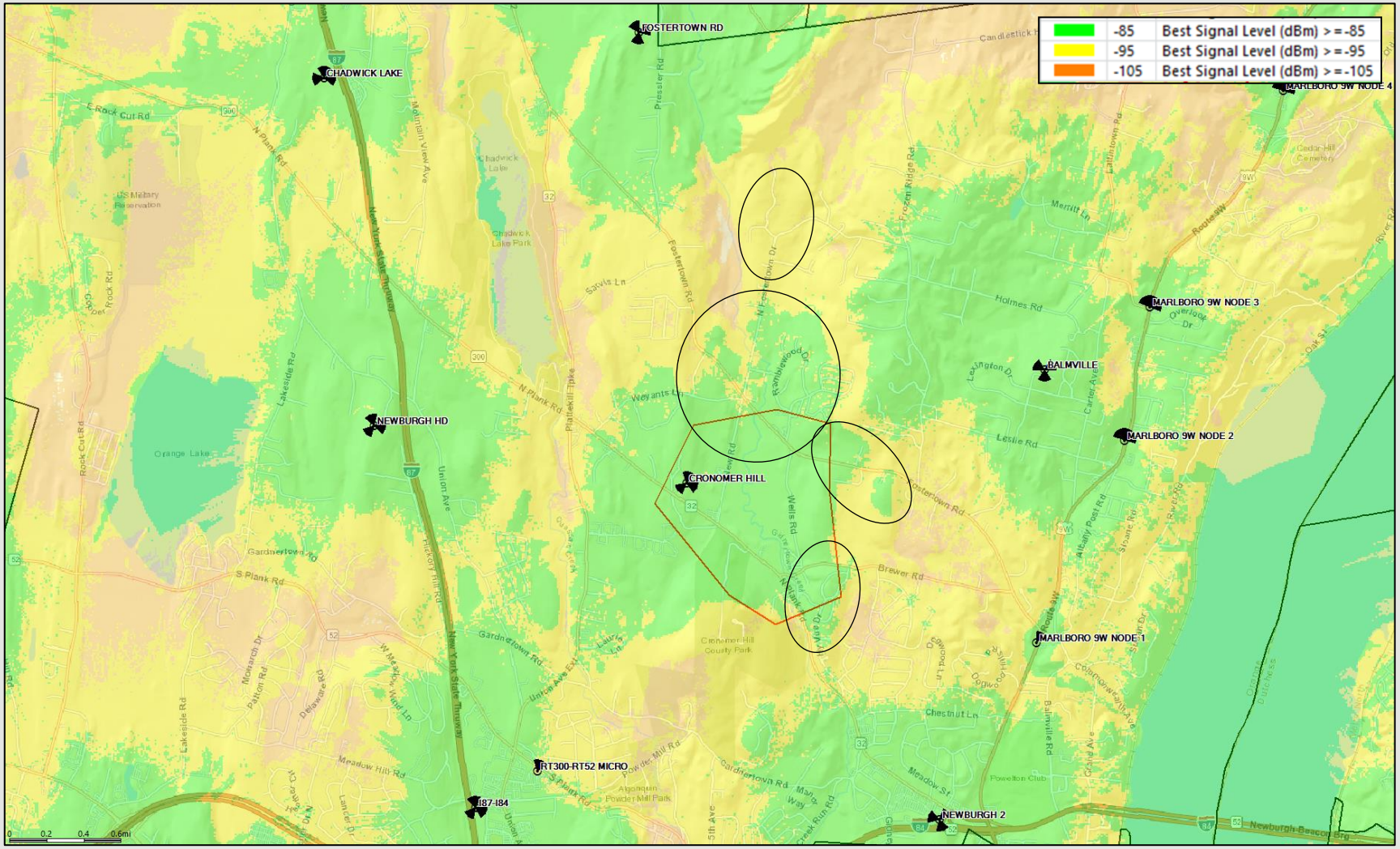


The map above represents existing low band signal strength coverage from existing sites.

verizon

Proposed 700MHz Coverage

This coverage map shows how improved the RF conditions will be in and around the Cronomer Hill site area.
Refer to slide 12 for further explanation of these color thresholds

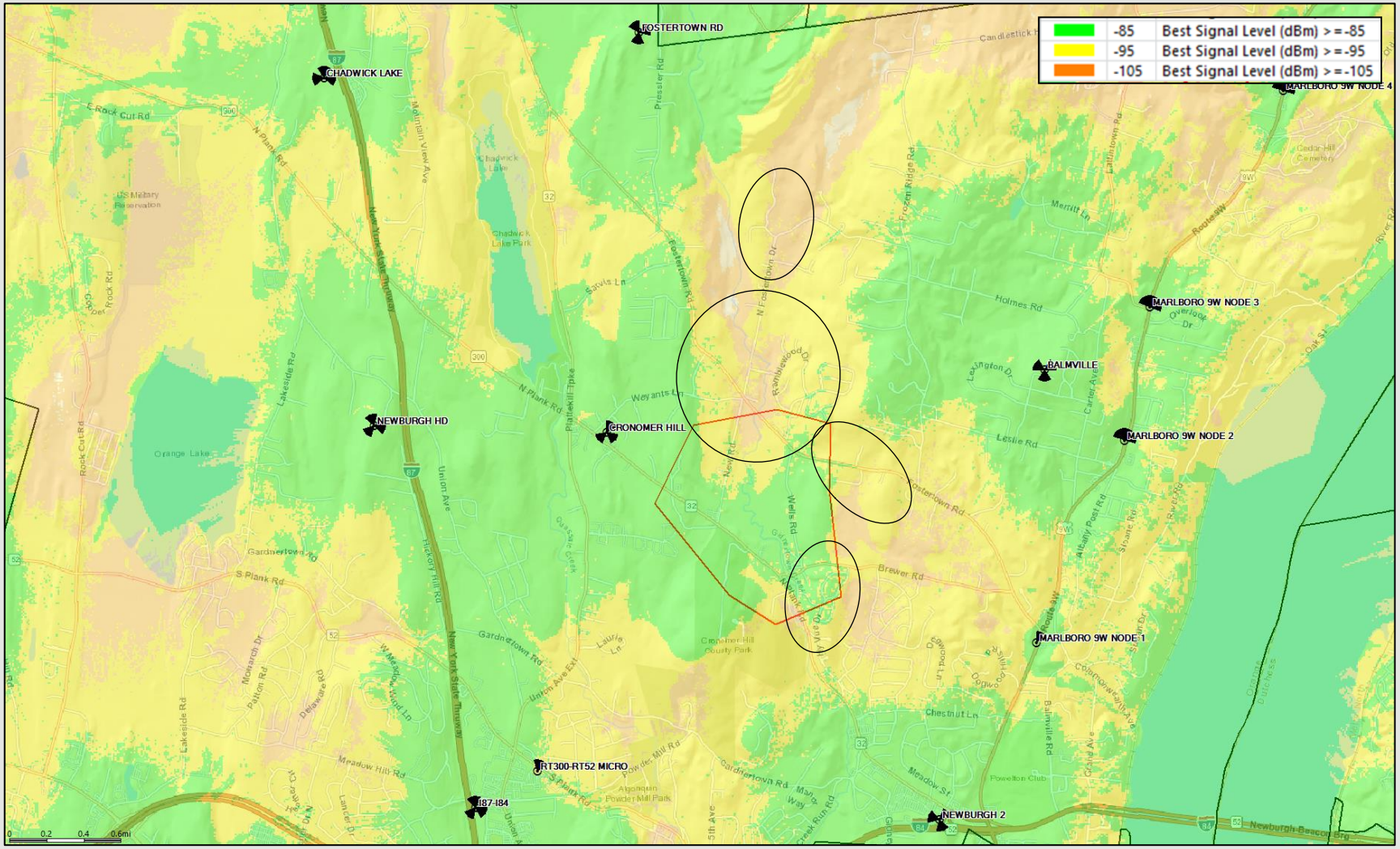


The map above adds the low band footprint of the proposed Cronomer Hill site. The significantly improved signal strength corresponds to improved coverage and capacity throughout the identified significant gap area. This will help to resolve the coverage and capacity issues impacting the Newburgh HD Beta and I87-I84 Gamma Sectors.

verizon

Proposed 700MHz Coverage (Alternative location @176' ACL)

This coverage map shows how improved the RF conditions will be in and around the Cronomer Hill site area.
Refer to slide 12 for further explanation of these color thresholds

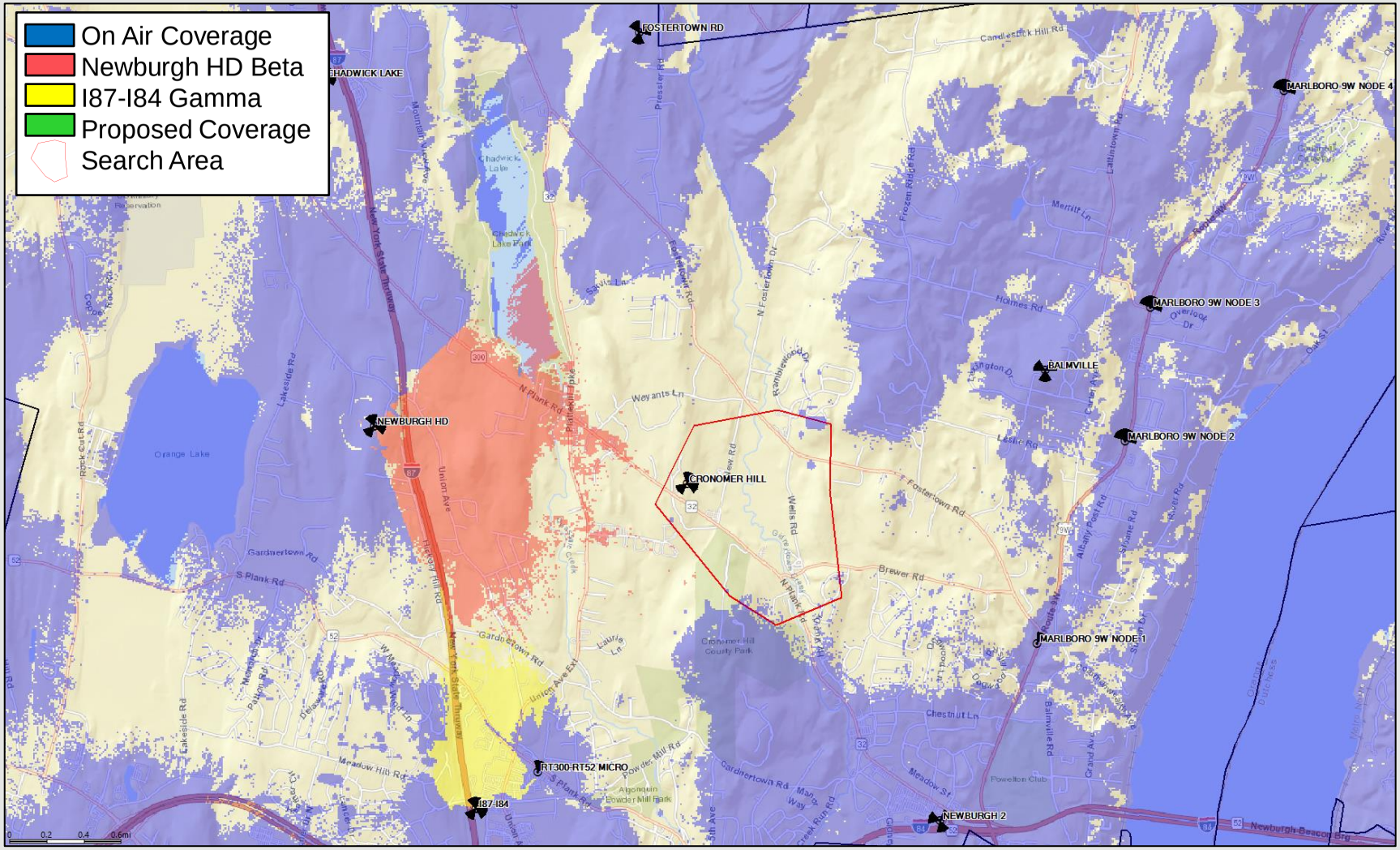


The map above adds the low band footprint of the proposed **Cronomer Hill** site from the alternative location (AT&T Tower) at 176' ACL. Although, the alternative location is 12' higher in ground elevation but due to the terrain issues it is unable to cover intersection of New Road and Fostertown Road as well neighboring residential areas along and near these roads(encircled areas).

verizon

Existing 2100MHz Best Server -105dBm RSRP

Best Server plots depict the actual footprint of each sector in question at one threshold so the viewer can accurately evaluate the area offloaded by the new sites dominant signal area.

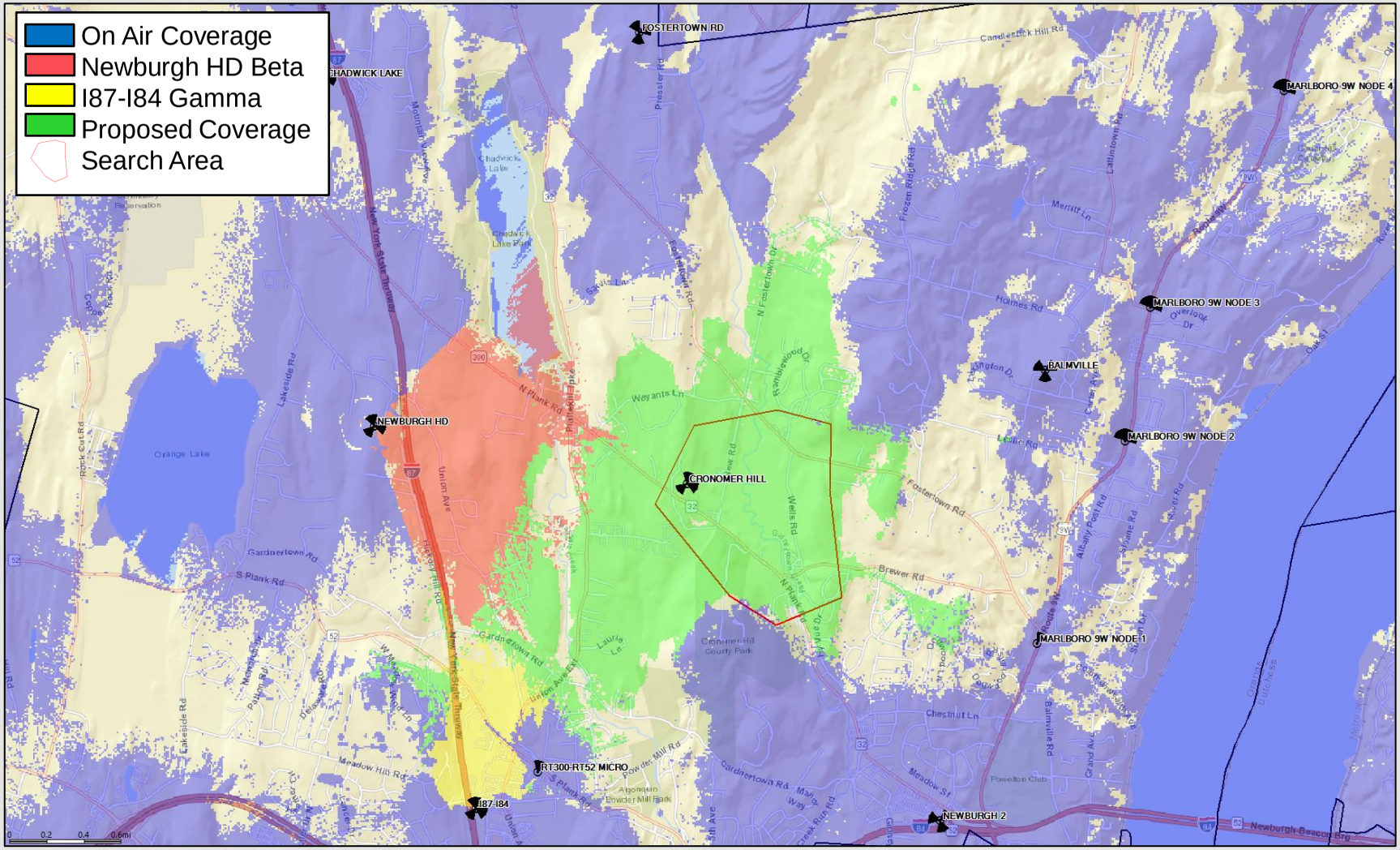


The map above represents mid band coverage from existing sites, with the sites in need of capacity offload detailed in the legend above. Blue coverage is from other on air sites.

verizon

Proposed 2100MHz Best Server -105dBm RSRP

Best Server plots depict the actual footprint of each sector in question at one threshold so the viewer can accurately evaluate the area offloaded by the new sites dominant signal area.

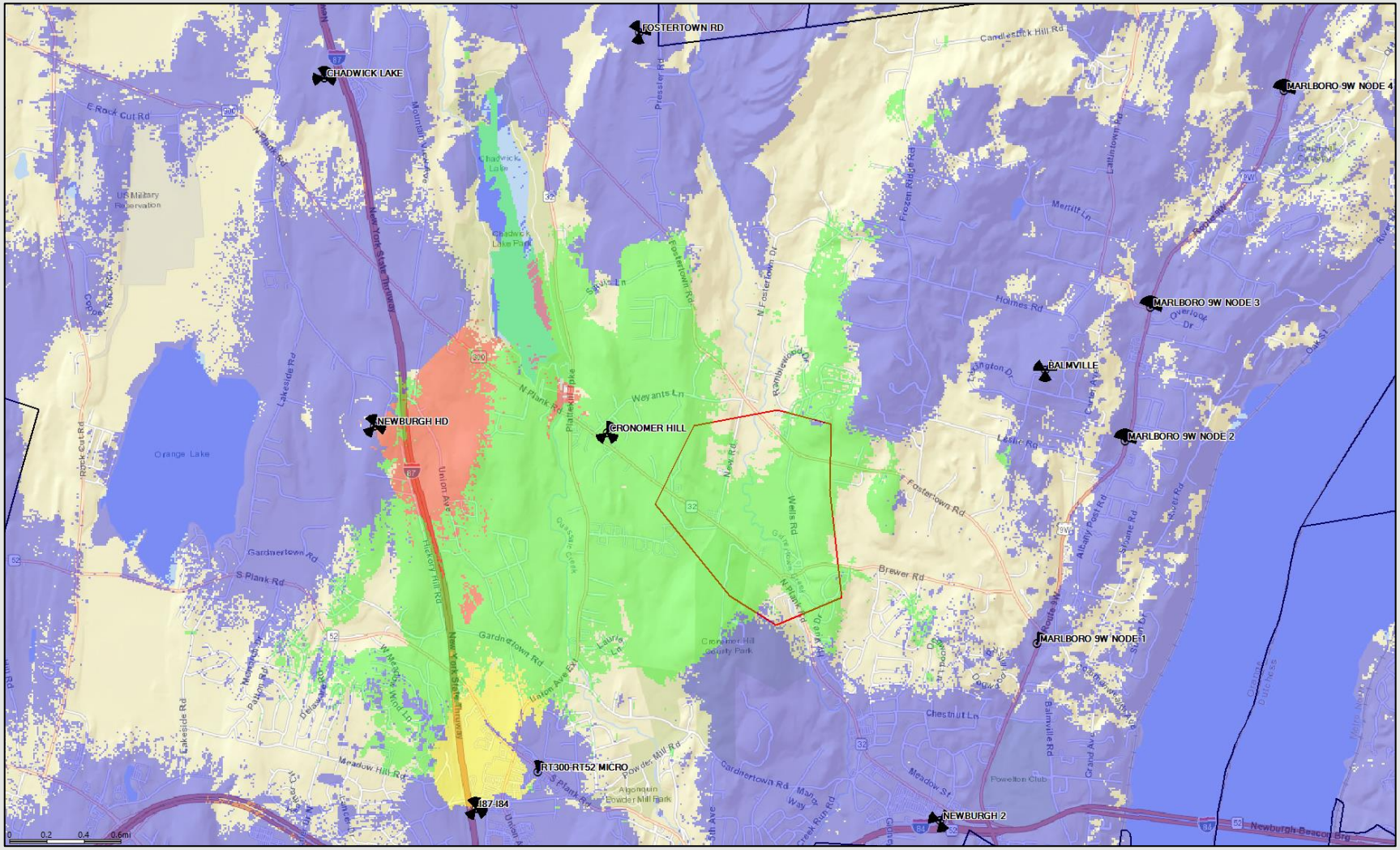


The map above adds the mid band footprint of the proposed Cronomer Hill site in green. The green best server footprint provides improved coverage and capacity throughout the identified significant gap area.

verizon

Proposed 2100MHz Best Server -105dBm RSRP (Alternative location @176' ACL)

Best Server plots depict the actual footprint of each sector in question at one threshold so the viewer can accurately evaluate the area offloaded by the new sites dominant signal area.



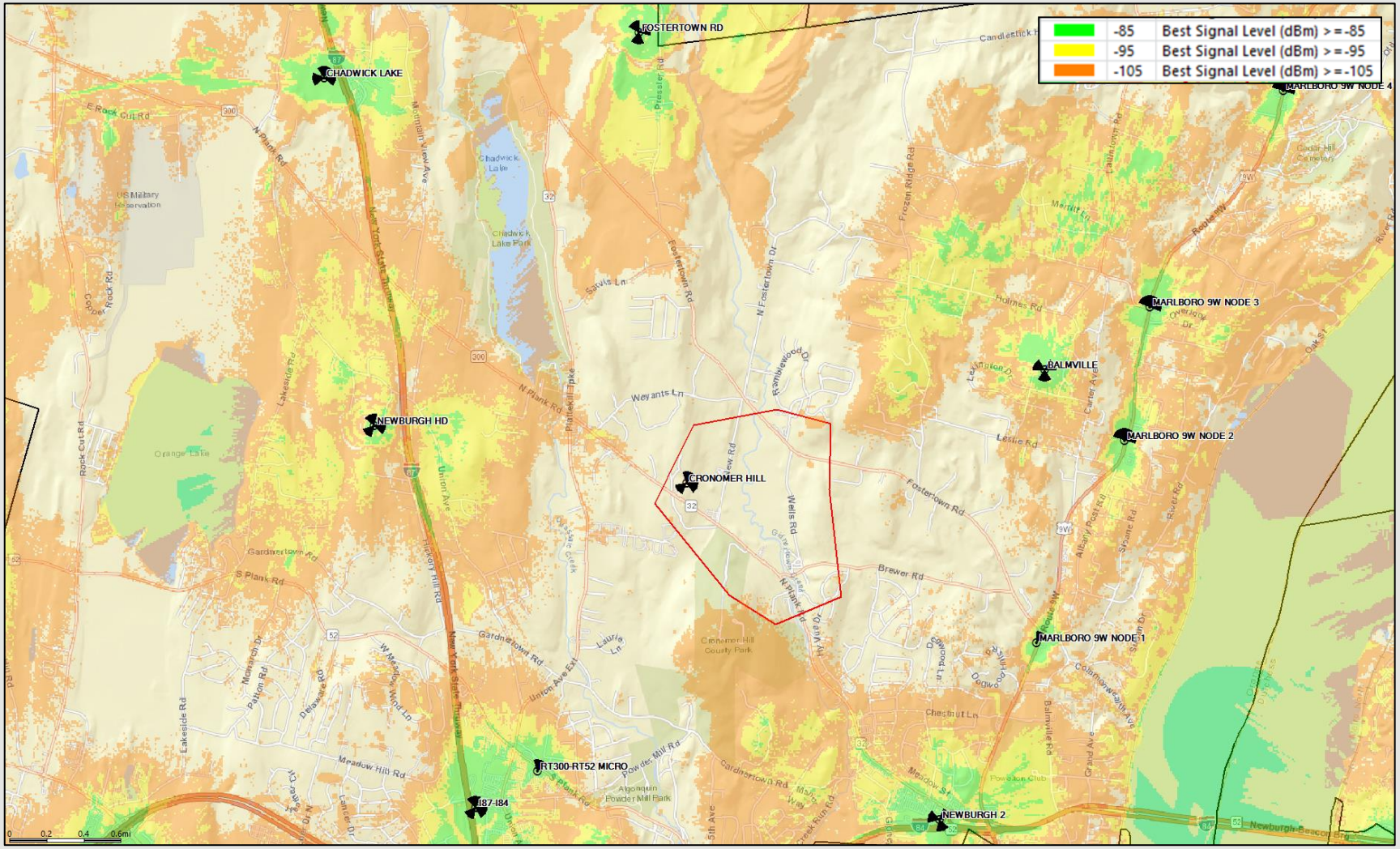
The map above adds the mid band footprint of the proposed Cronomer Hill site (alternative location, AT&T Tower) in green. . Although, the alternative location is 12' higher in ground elevation but it is unable to cover intersection of New Road and Fostertown Road due to the terrain issues. Also, it is outside the search area and close to the existing Verizon sites and it will leave mid-band coverage gaps in aforementioned areas.

verizon

Existing 2100MHz Coverage

This coverage map shows the RF conditions in and around the Cronomer Hill site area.

Refer to slide 12 for further explanation of these color thresholds



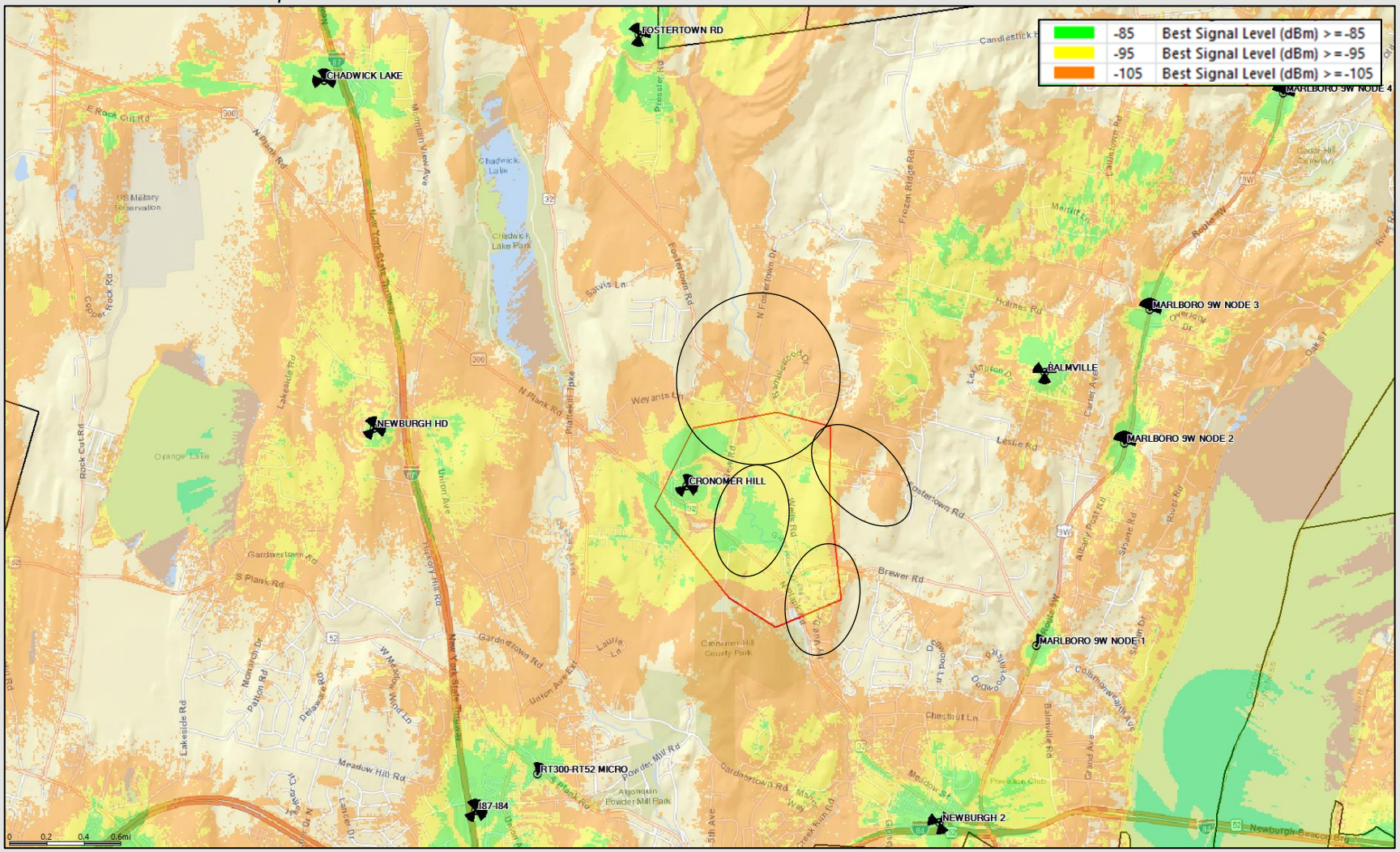
The map above represents mid band coverage from existing sites. There is no 2100MHz signal throughout the project area. Additional mid band network densification is required to resolve these conditions.

verizon

Proposed 2100MHz Coverage

This coverage map shows how improved the RF conditions will be in and around the Cronomer Hill site area.

Refer to slide 12 for further explanation of these color thresholds

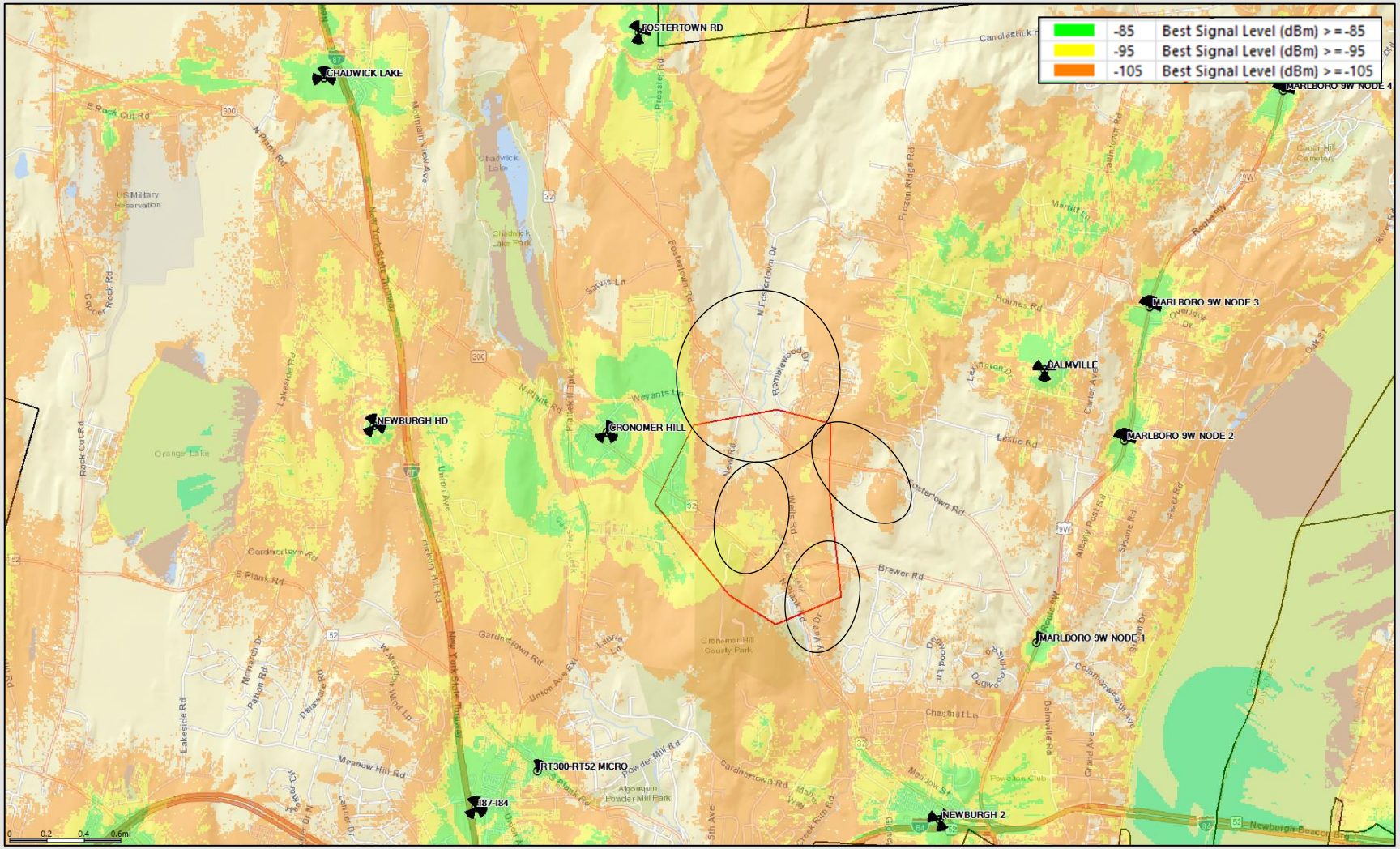


The map above adds the mid band footprint of the proposed Cronomer Hill site. The improved signal strength corresponds to improved coverage and capacity throughout the identified significant gap area.

verizon

Proposed 2100MHz Coverage (Alternative location @176’ ACL)

This coverage map shows how improved the RF conditions will be in and around the Cronomer Hill site area.
Refer to slide 12 for further explanation of these color thresholds



The map above adds the mid band footprint of the proposed **Cronomer Hill** site from the alternative location (AT&T Tower) at 176’ ACL. The alternative location is unable to cover intersection of New Road and Fostertown Road as well neighboring residential areas along and near these roads(encircled areas) and will leave mid-band coverage gaps in aforementioned areas.

verizon

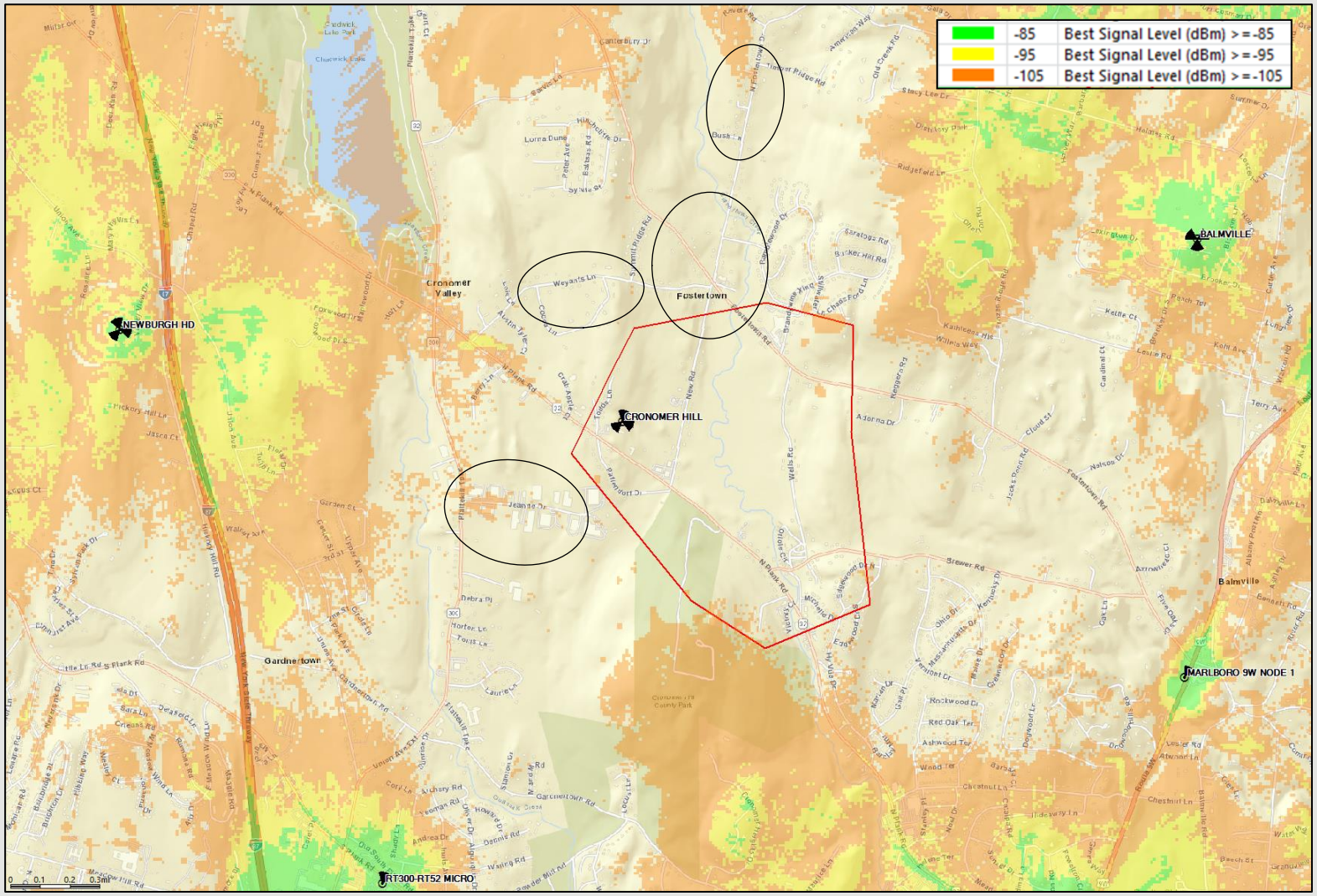
Midband coverage plots at alternate heights (Minimum Height Justification)

Mid band coverage is critical in the effort to balance capacity (utilization) and allow for “contained” low band sites. If adequate and reliable signal strength from mid band is not present the mobile will attach to low band only. Too many users in this RF condition will overburden low band and cause a site to become capacity exhausted requiring additional network densification. Areas of higher utilization are of particular importance in evaluating mid band height needs. Mid band spectrum on macro sites has proven to be a very capable resource and also includes C-Band. These frequencies roughly in the 1.9-3.8GHz range are needed throughout the Cronomer Hill project area.

As relative antenna height is increased or decreased, area (RF) clutter is either overcome allowing a site to propagate as needed or becomes obstructed causing gaps in service. The following slides (29-32) display existing on-air mid band coverage + Cronomer Hill Site at identified Antenna centerline (ACL).

Height Justification (Mid-Band Coverage 2100MHz)

Zoomed in + increased signal strength granularity

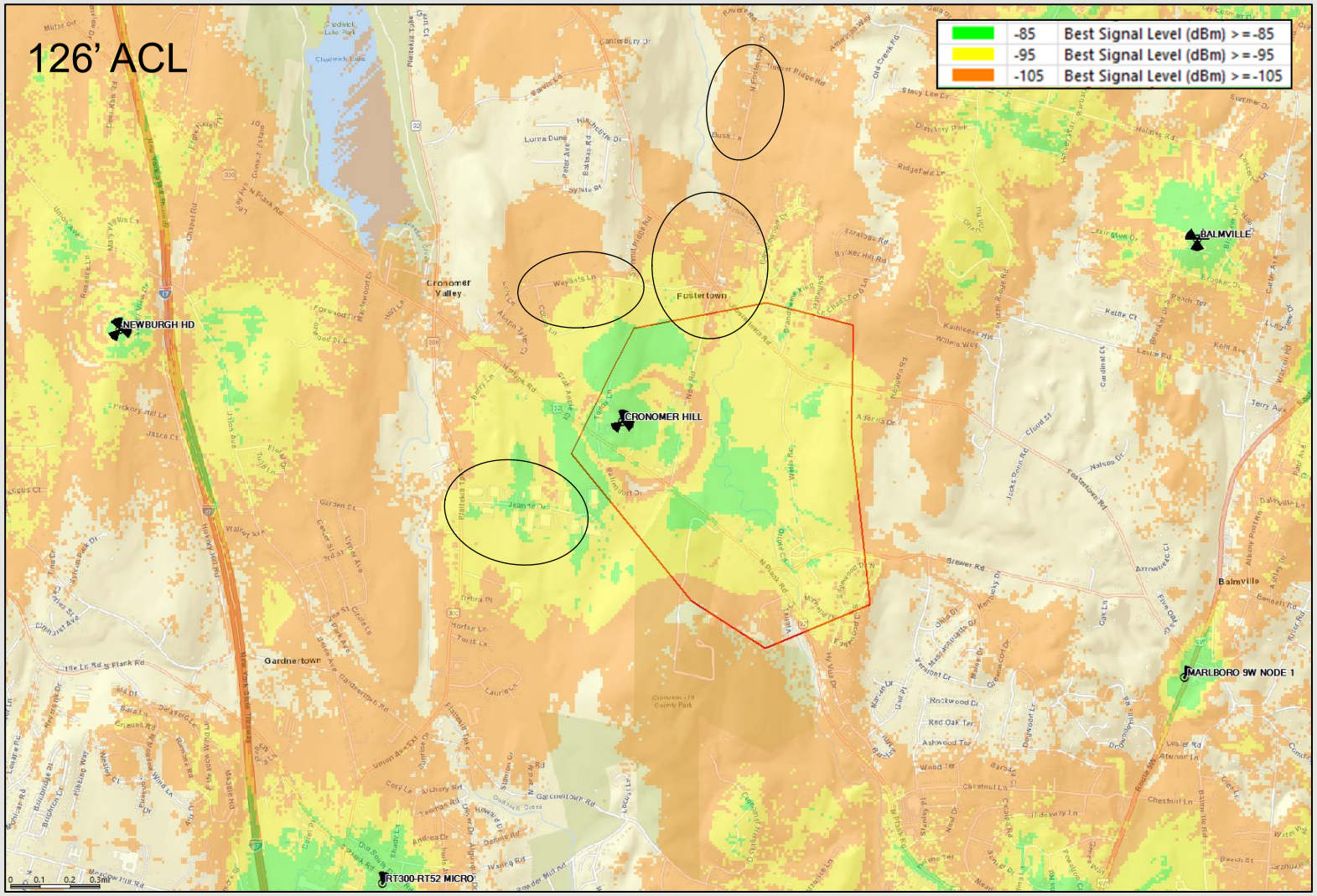


The map above represents mid band coverage from existing sites. Areas encircled are to be focused.

verizon

Height Justification (Mid-Band Coverage 2100MHz)

Zoomed in + increased signal strength granularity

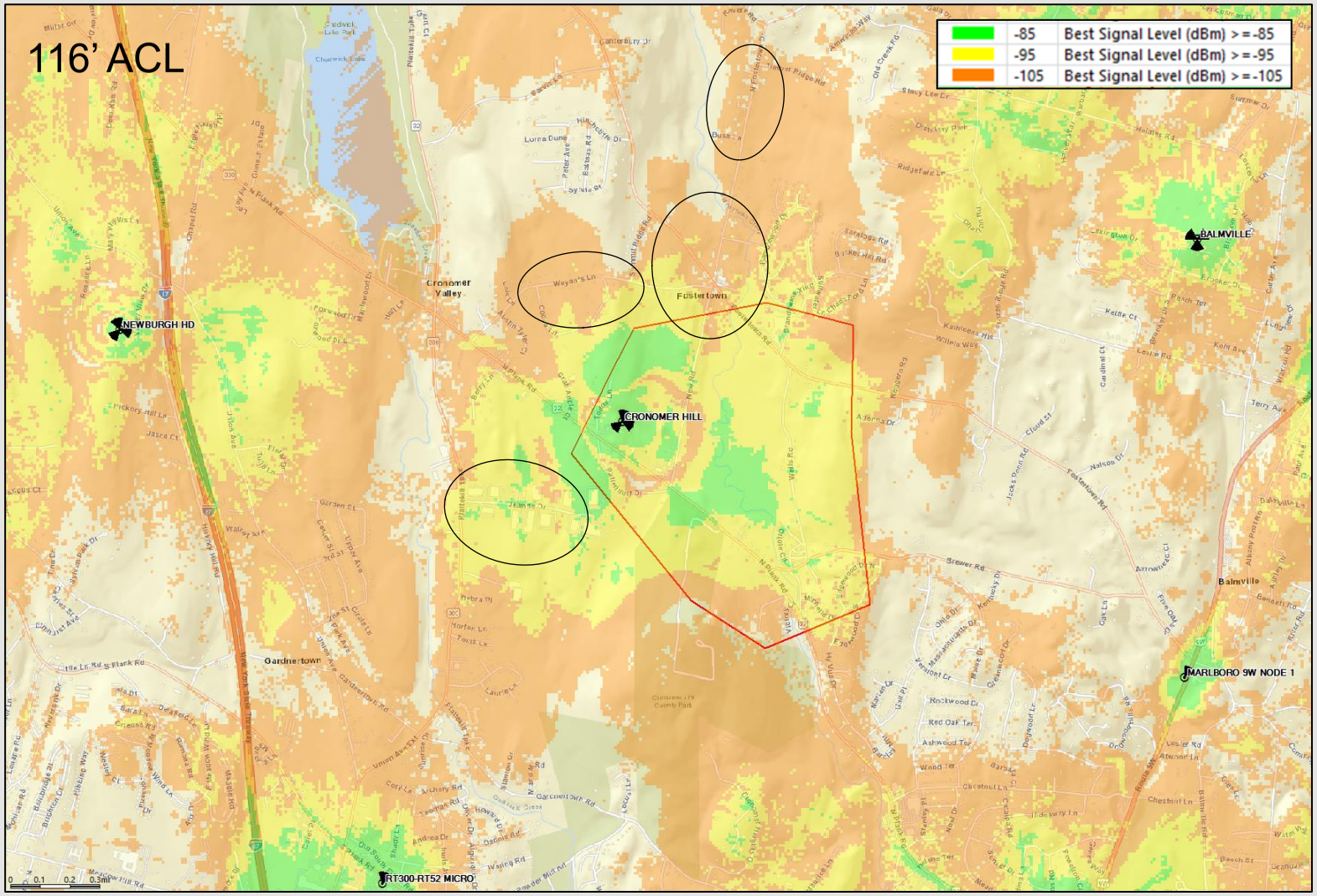


The map above represents mid band coverage from existing sites + Cronomer Hill site at 126’ Antenna Centerline (ACL) which is 10ft higher than the proposed ACL(116’). The purpose of adding mid band coverage plot at higher ACL is to show that a higher ACL will result in improve mid band coverage but the improvement is not significant enough to raise the antenna by another 10ft.

verizon

Height Justification (Mid-Band Coverage 2100MHz)

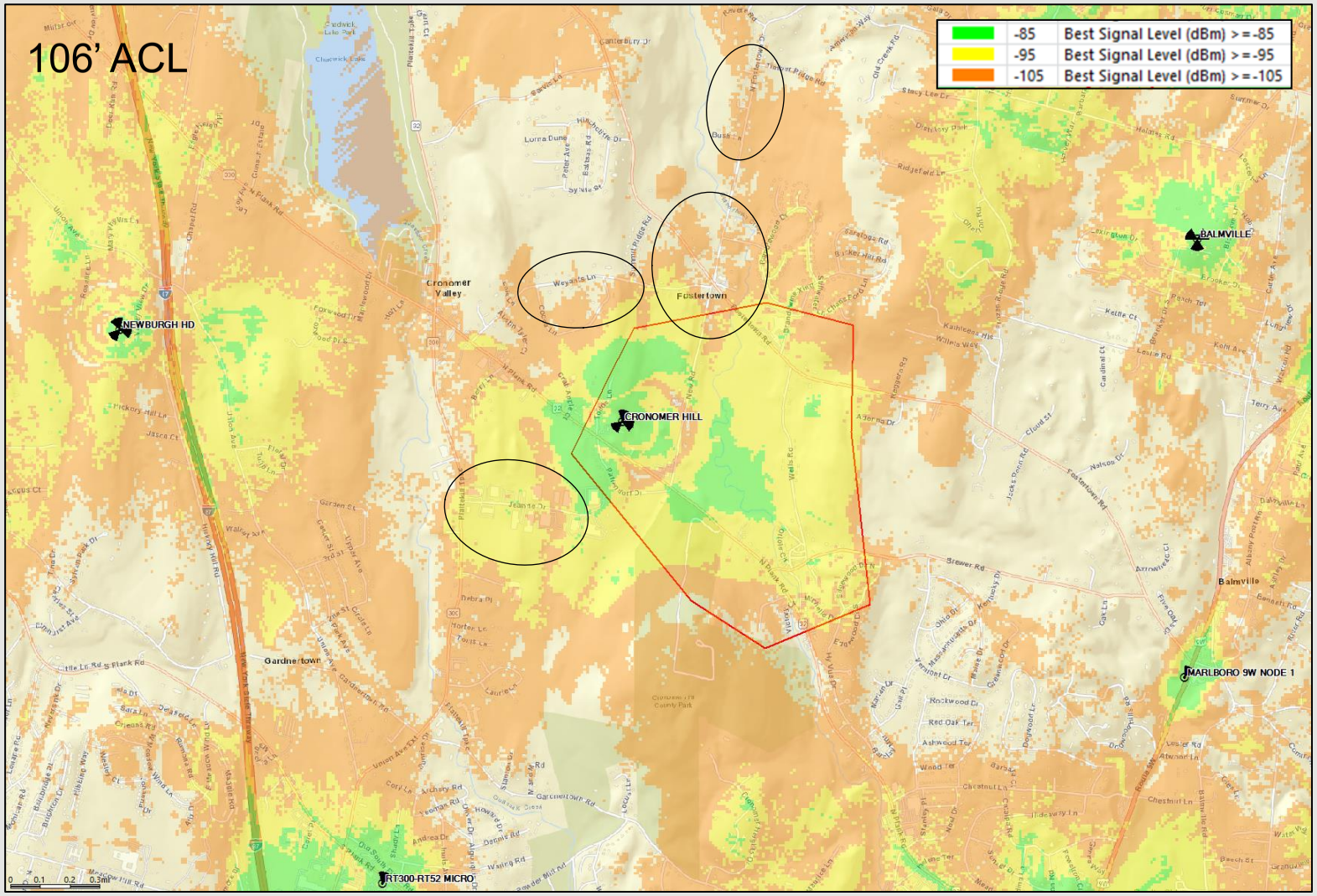
Zoomed in + increased signal strength granularity



The map above represents mid band coverage from existing sites + Cronomer Hill site at 116’ACL. Midband footprint reduced at the proposed height but It can be seen that our focus areas will still have some mid band coverage.

Height Justification (Mid-Band Coverage 2100MHz)

Zoomed in + increased signal strength granularity



The map above represents mid band coverage from existing sites + Cronomer Hill site at 106’ACL. Midband footprint significantly reduced at 106’ACL and our focus areas will have either tier 4 outdoor coverage (-95dBm to -105dBm, which means no indoor midband coverage) or no midband coverage at all.

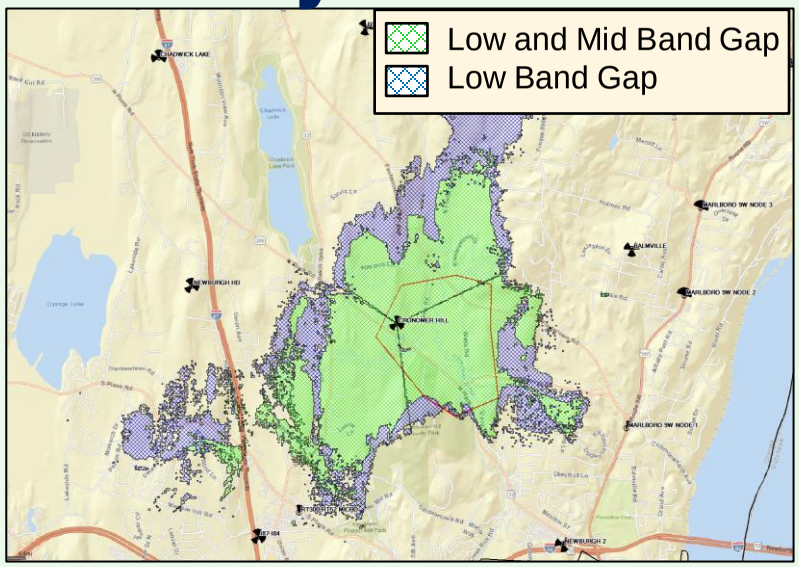
verizon

Height Justification Narrative/Summary

As mentioned before, Cronomer Hill project area is already experiencing high network utilization, primarily on low band due to lack of adequate and reliable mid band coverage in the area. Due to the high number of users in the project area, it is important to provide adequate mid band signal strength to this objective area. Verizon RF considered the town's preference to keep the structure height low as much as possible but any Antenna Center Line (ACL) lower than 116' will fail the capacity objective of the project, As shown previously 116' ACL is not as ideal for the project as 126' (or higher) would be, however it does provide acceptable coverage for the majority of the project area.

verizon

RF Justification Summary



The proposed site at 116' ACL resolves the substantial and significant gaps in coverage and capacity impacting the Cronomer Hill project area. The gaps are shown in the above graphic: The shaded areas as detailed in the legend represent gaps in coverage and capacity that Cronomer Hill (site) will resolve.

The network was analyzed to determine whether there is sufficient **RF coverage and capacity** in the **Town of Newburgh**. It was determined that there are significant gaps in adequate LTE service for Verizon Wireless in the 2100MHz frequency band. In addition to the coverage deficiencies, Verizon Wireless' network does not have sufficient capacity (low band or mid band) to handle the existing and projected LTE voice and data traffic in the area near and neighboring the proposed **Cronomer Hill** facility ("targeted service improvement area"). Based on the need for additional coverage and capacity while considering the topography and specific area requiring service, any further addition of capacity to distant existing sites does not remedy Verizon's significant gap in reliable service. Therefore, the proposed facility is also needed to provide "**capacity relief**" to the existing nearby Verizon Wireless sites, allowing the proposed facility and those neighboring sites to adequately serve the existing and projected capacity demand in this area.

With the existing network configuration there are significant gaps in service which restricts Verizon Wireless customers from originating, maintaining or receiving reliable calls and network access. It is our expert opinion that the proposed height will satisfy the coverage and capacity needs of Verizon Wireless and its subscribers in this portion of the **Town of Newburgh** and the **Cronomer Hill** project area. The proposed location depicted herein satisfies the identified service gaps and is proposed at the minimum height necessary for adequate service.

Brendan Hennessy

Brendan Hennessy
Engineer III – RF Design
Verizon Wireless

verizon

VERIZON WIRELESS OF THE EAST LP D/B/A VERIZON WIRELESS

Cronomer Hill SITE

248 N. Plank Road (NYS RTE 32)
Newburgh (Town of Newburgh), New York 12550

SITE SELECTION ANALYSIS
APRIL 2, 2024

Verizon Wireless
1275 John Street, Suite #100
West Henrietta, New York 14586

SITE SELECTION ANALYSIS

Verizon Wireless propose to install and operate a new wireless telecommunications facility, including a new tower, associated antennas, ground equipment, and related appurtenances, at 248 N. Plank Road (NYS RTE 32), Town of Newburgh, Orange County, New York. The property, which is located in the Town's Business (B) district, is a 5.5 acre parcel. There are two unused buildings located on the property.

1. NEED FOR FACILITY

(a) Problem

The need for a new communications facility is determined by the Verizon Wireless RF Design Engineer. The need for this particular site and the methodology employed to identify the appropriate area for such a new site is described in the comprehensive Engineering Necessity Case prepared by the Verizon Wireless RF Engineer. As indicated in that report, when the Verizon Wireless RF Engineer identifies significant coverage gaps in the network or sites that have or will reach data capacity exhaustion, a "search area" is issued. A search area is a geographical area located within the inadequately serviced area, and it is designed such that if a wireless telecommunications facility is located within the search area, and at an appropriate height, it will likely provide the required coverage and/or capacity relief sought. For the most part, locations outside of the search area will fail to provide adequate service to the target area. Due to technological constraints, there is limited flexibility as to where a new facility can be located, and still function properly. The goal of the search area is to define the permissible location for placement of a new communications facility that will provide adequate and reliable service to the target area, and also work properly as part of the overall network.

(b) Solution

A search area was developed based on the problems identified in the Engineering Necessity Case, which is attached to the application. In this case, the search area parameters are, generally centered along N Plank Road and New Rd. Again, for the most part, locations outside of the search area will fail to provide adequate service to the cell while locations within are likely, but not guaranteed, to do so.

2. SEARCH RING ANALYSIS

(a) Geography & Topography

The Cronomer Hill search area has varying and slightly rolling topography throughout but does have a generally higher base ground elevation in the vicinity of the site. The subject site is located near the center of the search area which consists of commercial properties, residential properties and wooded areas including Cronomer Hill Park in the southern portion.

(b) Land Use

The search area is made up of predominately residential and commercially developed parcels and parkland.

3. ZONING CONSIDERATIONS

(a) Collocation

Verizon Wireless routinely seeks to install its antennas and equipment on an existing wireless telecommunications towers or other tall structures ("collocation"), whenever feasible. Local communities universally favor collocation because they can minimize the number of wireless telecommunications towers in an area. To encourage collocation, many municipalities even provide for a streamlined application review process that is substantially less burdensome than the process for new towers. Collocation is often listed as the highest siting priority in a local municipality's zoning law. In addition to the streamlined zoning application process, collocation is preferred by wireless providers because it is generally a less expensive and more efficient option, compared to construction of a new tower facility. There is an existing monopole outside of the search area northwest of the subject site. This tower was evaluated by the Verizon RF engineer and determined this tower would not work as described in the RF Justification report. There is also a self-support tower located near the southeastern portion of the search area, however the owners expressed they are not interested in leasing space to Verizon Wireless.

(b) New Structure on Municipally-owned Property

As its next priority, Verizon Wireless generally seeks to locate wireless telecommunication facilities on municipally-owned property. These locations are often preferred by municipalities as the second preference behind collocation as it allows municipalities to benefit from a rental stream for the leased premises. In this case, a large area within the center of the search area contains DEC wetlands and flood plains. The large, wooded parcel in the southern portion of the Search Area includes the Orange County Cronomer Hill Fire Tower, which is located within a Federal Land Preserve. The County indicated they have no interest in allowing Verizon to install and operate its telecom antennas and equipment on this property.

(c) New Structure on Privately-owned Property

When it is not feasible to collocate on an existing tower or tall structure, and there are no feasible municipally-owned properties in the area, Verizon Wireless must find a privately-owned site which is appropriate for and can accommodate a new wireless telecommunications structure. In doing so, the Site Acquisition Specialist attempts to identify properties in the search area large enough to accommodate the facility and which also meet any required area requirements such as set back and fall zone. In addition, other characteristics such as existing compatible land use and existing mature vegetation that can screen the facility are considered. Access, land use, constructability, the presence of wetlands, floodplains and other contributing factors are also examined.

4. SEARCH RING ANALYSIS

After a comprehensive investigation of the search area, an existing monopole was identified outside the search area as well as a self-support tower at the Fostertown School and Fire Tower on south edge of search area. The owners are not interested in colocation or tower replacement.

5. CANDIDATE/ALTERNATIVES ANALYSIS

Initially, four (4) different landowners were identified as being viable candidates for a new wireless telecommunications facility. These parcels are identified on **Attachments 2 & 3**. A summary of each of these properties located within the vicinity of the Search Area is detailed below.

(A) Miranda (Tax Parcel ID# 34-3-14.1) – 252 N Plank Rd: Candidate A is a 1.70 acre parcel located in the Business Zoning District (B). Based on the size of the property and the location of the existing cable business building, a tower here would require a variance from the existing setback requirements.

(B Papa (Tax Parcel ID# 34-2-34) – Paffendorf Dr.: Candidate B is a 9.5 acre parcel located in the Interchange Business Zoning District (IB). This candidate was rejected by the RF engineer because of surrounding topography. The parcel is blocked to the east/southeast by Cronomer Hill and would prevent Verizon from being able to provide coverage down Route 32.

(C) Orange County (Tax Parcel ID# 39-1-64.16) – Route 300 Candidate C is an 8.3-acre municipal parcel located in the Residential Zoning District (R1). This candidate was rejected by the RF engineer because of surround topography as well. The parcel is blocked to the west/southwest by Cronomer Hill and inhibits the ability to provide coverage west of the site, which would prevent Verizon from providing the necessary offload to the existing Newburgh and I87-I84 sites.

(D) Crisci (Tax Parcel ID# 34-2-21) – 248 N Plank Rd. Candidate D is a 5.5-acre parcel located on N Plank Rd within the Business Zoning District (B). Based on the surrounding topography and location of the property within the search ring, this candidate has been deemed the best option for Verizon. Verizon can also avoid the need for a variance with this parcel.

6. CONCLUSION

Based on the requirements of the town code, the existing conditions and land use, four (4) different landowners were confirmed as viable candidates and identified for consideration. For the reasons identified above, as well as the results of RF review and analysis, we believe the Crisci parcel is the best location for the proposed facility.

Nathan Keenan

Nathan Keenan
Tectonic Engineering
Consultant to Verizon Wireless

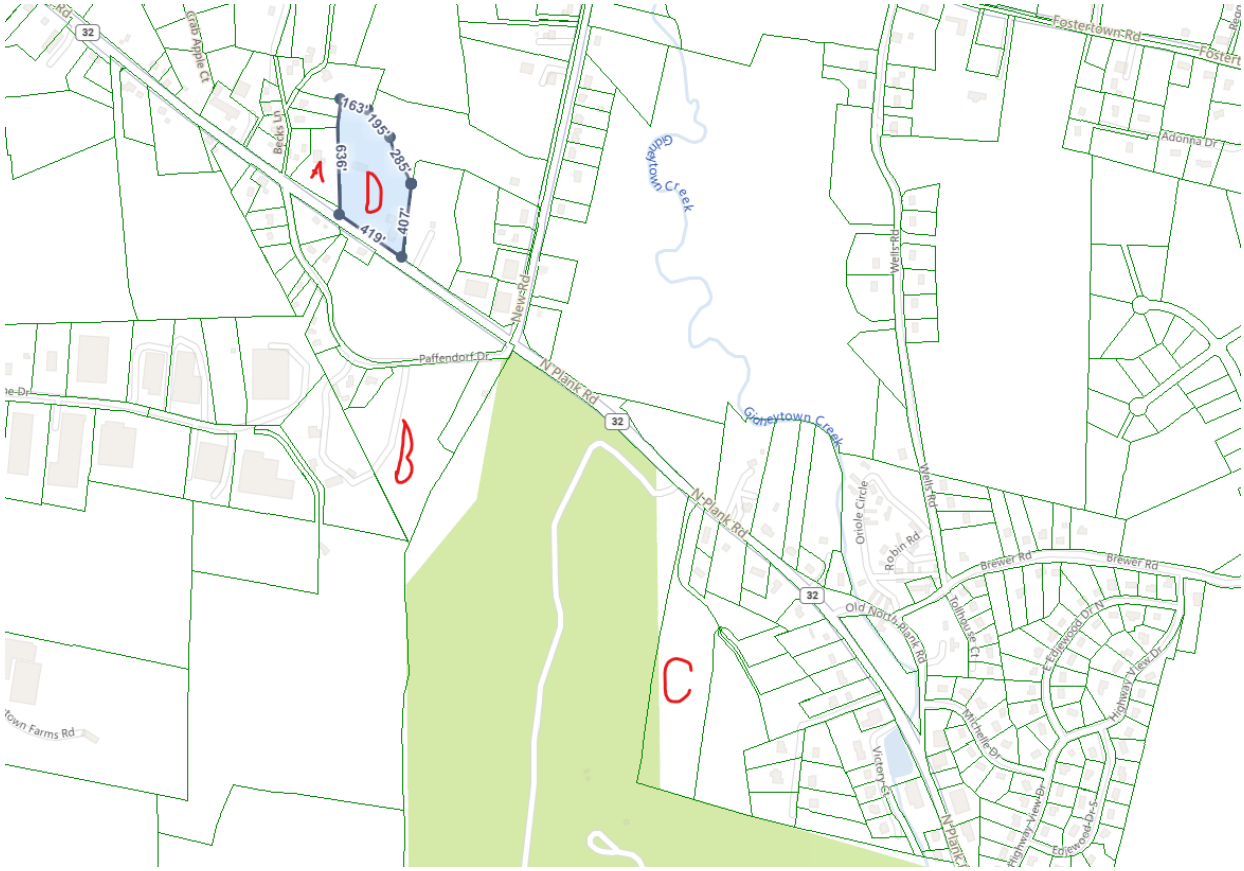
ATTACHMENT 1
VERIZON WIRELESS
CRONOMER HILL SEARCH RING

ATTACHMENT 2

VERIZON WIRELESS
CRONOMER HILL SEARCH AREA WITH CANDIDATES

ATTACHMENT 3

VERIZON WIRELESS
TAX MAP WITH CANDIDATES



Verizon Wireless
Site Compliance Report

Site Name: CRONOMER HILL
Site Address: 248 N Plank Road
Newburgh, NY 12550
Structure Type: Monopole

Report Date: April 26, 2023
Report Generated by: Michael Fischer
Customer Contact: Wasif Sharif

Compliance Status:

Verizon Wireless is compliant with FCC rules and regulations in all areas at ground level.

Michael Fischer, P.E.
Registered Professional Engineer (Electrical)
New York License Number 101714
Expires March 31, 2025

Signed 26 April 2023

750 West Center Street • Suite 301 • West Bridgewater • MA • 02379

Executive Summary

Centerline Communications, LLC (Centerline) was contracted to analyze the proposed Verizon Wireless telecommunications facility for the purpose of determining whether the predictive exposure from the proposed facility is in compliance with Federal Communications Commission (FCC) rules and regulations regarding RF exposure as defined in 47 CFR § 1.1307(b) and 1.1310. This document and the conclusions herein are based on the information provided by representatives of Verizon Wireless which is assumed to be true and correct.

All information used in this report was analyzed to determine compliance in publicly accessible areas, in particular at ground level. The analysis evaluates the telecommunications facility with respect to the General Population/Uncontrolled Maximum Permissible Exposure (MPE) limits. Centerline has taken into consideration the Verizon Wireless antenna system as well as any existing antenna systems at the subject location.

Verizon Wireless is proposing to install (4) antennas on each of (3) sectors at the 116' level along with associated radio equipment on a proposed monopole. The final antenna count will be (12) antennas.

Based on the analysis, Centerline has determined that:

Verizon Wireless is compliant with the FCC rules and regulations governing human exposure to RF electromagnetic fields as described in 47 CFR § 1.1307(b) and 1.1310 in all areas at ground level.

With the proposed Verizon Wireless antenna configuration in service, the maximum calculated exposure from the Verizon Wireless facility at ground level is 0.65% of the General Population MPE limit, which is approximately 153 times less than the maximum allowed exposure in publicly accessible areas.

Antenna Inventory

The table below contains data provided by Verizon Wireless representatives and/or gathered by Centerline personnel. This data was used to perform the RF exposure analysis.

Antenna ID	Operator	Antenna Make / Model	Frequency Band (MHz)	Azimuth (deg)	ERP (watts)	Antenna Centerline (ft)
1	Verizon	COMMSCOPE NHH-65C-R2B	700	15	1824.27	116.00
1	Verizon	COMMSCOPE NHH-65C-R2B	850	15	1888.38	116.00
1	Verizon	COMMSCOPE NHH-65C-R2B	1900	15	6125.20	116.00
2	Verizon	SAMSUNG XXDWMM-12.5-65-8T	3600	15	135.22	116.00
3	Verizon	Samsung SON_MT6407	3700	15	44261.89	116.00
4	Verizon	COMMSCOPE NHH-65C-R2B	700	15	1824.27	116.00
4	Verizon	COMMSCOPE NHH-65C-R2B	850	15	1888.38	116.00
4	Verizon	COMMSCOPE NHH-65C-R2B	2100	15	6825.27	116.00
5	Verizon	COMMSCOPE NHH-65C-R2B	700	115	1824.27	116.00
5	Verizon	COMMSCOPE NHH-65C-R2B	850	115	1888.38	116.00
5	Verizon	COMMSCOPE NHH-65C-R2B	1900	115	6125.20	116.00
6	Verizon	SAMSUNG XXDWMM-12.5-65-8T	3600	115	135.22	116.00
7	Verizon	Samsung SON_MT6407	3700	115	44261.89	116.00
8	Verizon	COMMSCOPE NHH-65C-R2B	700	115	1824.27	116.00
8	Verizon	COMMSCOPE NHH-65C-R2B	850	115	1888.38	116.00
8	Verizon	COMMSCOPE NHH-65C-R2B	2100	115	6825.27	116.00
9	Verizon	COMMSCOPE NHH-65C-R2B	700	230	1824.27	116.00
9	Verizon	COMMSCOPE NHH-65C-R2B	850	230	1888.38	116.00
9	Verizon	COMMSCOPE NHH-65C-R2B	1900	230	6125.20	116.00
10	Verizon	SAMSUNG XXDWMM-12.5-65-8T	3600	230	135.22	116.00
11	Verizon	Samsung SON_MT6407	3700	230	44261.89	116.00
12	Verizon	COMMSCOPE NHH-65C-R2B	700	230	1824.27	116.00
12	Verizon	COMMSCOPE NHH-65C-R2B	850	230	1888.38	116.00
12	Verizon	COMMSCOPE NHH-65C-R2B	2100	230	6825.27	116.00

Notes: Each row with the same number in the Antenna ID column references the same physical antenna. Power values provided by the client and used in the analysis may be greater than what is initially deployed.

Analysis & Results

Centerline has included the Verizon Wireless antenna system as well as any other existing antenna systems at the subject location in the analysis. All existing and proposed antennas are listed in the antenna table below. Engineering assumptions were used when specific antenna or operating parameter information was not available for the other existing collocated antennas (if applicable).

Using this data, software modeling using Roofmaster® was performed for all transmitting antennas located at the site. Centerline has assumed a 100% duty cycle and maximum radiated power. The site has been modeled with these assumptions to determine the maximum potential RF energy density at ground level. Centerline believes this to be a worst-case analysis based on the best available data.

As stated previously, based on this analysis, the maximum calculated exposure from the Verizon Wireless facility at ground level is 0.65% of the General Population MPE limit, which is approximately 153 times less than the maximum allowed exposure in publicly accessible areas.

Keep in mind that the FCC did not arbitrarily establish their own standards but rather adopted the recommendations of national and international organizations such as the National Council on Radiation Protection and Measurements (NCRP), the American National Standards Institute (ANSI) and the Institute of Electrical and Electronics Engineers (IEEE). These recommendations were developed by expert scientists and engineers following extensive evaluation of the potential biological effects from RF exposure. The FCC MPE limits are based on thresholds for known adverse effects, and they were designed to provide a substantial margin of safety. There is a safety factor of 50 built into the General Public MPE limits, and the predicted Verizon Wireless exposure levels are over 100 times below these very conservative limits.

In cases where such compliance exists, the subject of electromagnetic field safety is preempted by the Telecommunications Act of 1996, which states: “No state or local government or instrumentality thereof may regulate the placement, construction, and modification of personal wireless service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the (Federal Communication) Commission’s regulations concerning such emissions.”

Appendix A: FCC Rules & Regulations

All information used in this report was analyzed as a percentage of the MPE limits as detailed in 47 CFR § 1.1310. The calculated power density at each sample point divided by the limit at each calculated frequency provides a result in % MPE. Summing the calculated % MPE from all contributors provides a cumulative % MPE at a particular sample point. Wireless carriers use different frequency bands with varying MPE limits; therefore, it is useful to report results in terms of % MPE as opposed to power density.

All results were compared to the FCC radio frequency exposure rules as detailed in 47 CFR § 1.1307(b) to determine compliance with the MPE limits for General Population/Uncontrolled environments as defined below.

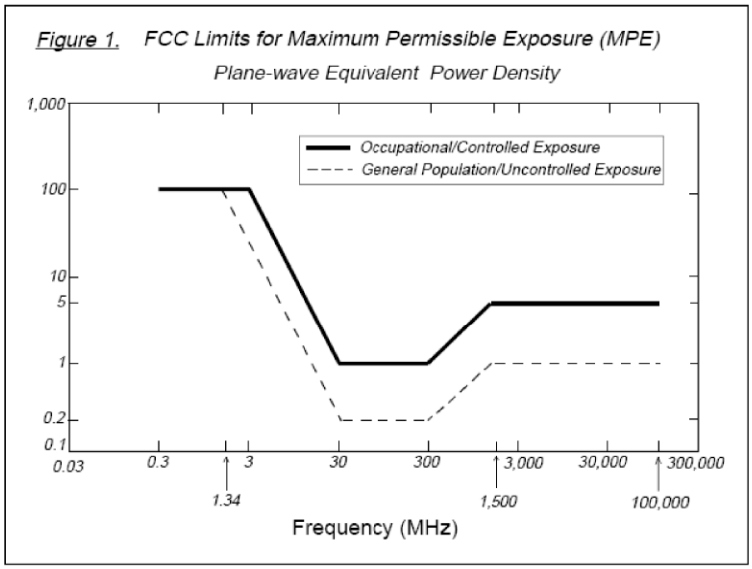
General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public are always considered part of this category when exposure is not employment related (e.g. antennas located on a tower adjacent to a residential neighborhood).

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/ controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits, as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

The MPE limits defined in 47 CFR § 1.1310 and utilized in this analysis are outlined in the table and diagram below:

Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (V/m)**	**Magnetic Field Strength (A/m)**	**Power Density (mW/cm^2)**	**Averaging Time (minutes)**
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	($900/f^2$)*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6
(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (V/m)**	**Magnetic Field Strength (A/m)**	**Power Density (mW/cm^2)**	**Averaging Time (minutes)**
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	($180/f^2$)*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

f = Frequency in (MHz)
* = Plane-wave equivalent power density



April 26, 2023

Attn: Town of Newburgh
1496 Route 300
Newburgh, New York 12550

Re: Non-Interference Certification for Proposed Verizon Facility on Proposed Monopole
Site Name: CRONOMER HILL
Site Address: 248 N Plank Road, Newburgh, NY 12550 (City of Newburgh, Orange County)

To whom it may concern:

This letter is to fulfill radio frequency interference requirements for Verizon for its proposed site at the above referenced location. Verizon is a provider of wireless communication services and is licensed by the Federal Communications Commission ("FCC") to operate in Orange County, NY in the following frequency ranges (Tx/Rx): 746-757 / 776-787, 880-890 / 835-845, 1970-1990 / 1890-1910, 2110-2130 / 1710-1730, 3550-3700, & 3700-3860 MHz.

As an FCC licensee, Verizon is required to comply with all applicable FCC regulations pertaining to the use of the radio frequency spectrum with respect to non-interference. The proposed facility will not cause intentional interference to Orange County's existing public safety services, broadcasters or other communications service providers in the vicinity of the site.

In the unlikely event that Verizon is responsible for causing harmful interference to any existing communications systems, Verizon will take appropriate steps to mitigate the interference in accordance with its FCC licenses.

If there are questions or concerns on this matter, I can be contacted at mfischer@clinellc.com.

Sincerely,

Michael Fischer, P.E.
Director of Engineering
Centerline Communications, LLC

Michael Fischer, P.E.
Registered Professional Engineer (Electrical)
New York License Number 101714
Expires March 31, 2025

Signed 26 April 2023

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Verizon Wireless of the East LP, d/b/a Verizon Wireless - Unmanned Wireless Communications Facility - "Cronomer Hill"		
Project Location (describe, and attach a general location map): 248 N Plank Rd, Newburgh, New York 12550		
Brief Description of Proposed Action (include purpose or need): Verizon Wireless of the East LP, d/b/a Verizon Wireless ("Verizon Wireless" or the "Applicant") proposes the installation of an unmanned wireless communications facility located on the existing property. Said property being located on 248 N Plank Rd .22 miles Northwest of New Rd. Access to the proposed facility will originate from N Plank Rd (State Route 32) utilizing an existing and proposed gravel access drive. In general, the installation will consist of the following: a 120' tall monopole (124' including 4' lightning rod), twelve (12) antennas and related equipment to be mounted to the tower at a center-line height of 116', cellular and utility equipment at grade in a proposed 50'x50' fenced compound. The project also includes the installation of underground power and fiber utilities to service the facility.		
Name of Applicant/Sponsor: Verizon Wireless of the East LP, d/b/a Verizon Wireless	Telephone: (585) 321-5435 E-Mail: kathy.pomponio@verizonwireless.com	
Address: 1275 John Street, Suite 100		
City/PO: West Henrietta	State: NY	Zip Code: 14586
Project Contact (if not same as sponsor; give name and title/role): Young/Sommer LLC, attn: Scott Olson	Telephone: (518) 438-9907 E-Mail: SOlson@youngsommer.com	
Address: Executive Woods, Five Palisades Drive		
City/PO: Albany	State: New York	Zip Code: 12205
Property Owner (if not same as sponsor): Steven D Crisci Sr.	Telephone: E-Mail:	
Address: 248 N Plank Rd		
City/PO: Newburgh	State: NY	Zip Code: 12550

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes☑No		
b. City, Town or Village Planning Board or Commission ☑Yes☐No	Planning Board - Special Use Permit, Site Plan approval	TBD
c. City, Town or Village Zoning Board of Appeals ☑Yes☐No	Zoning Board of Appeals - Area variance	TBD
d. Other local agencies ☑Yes☐No	Code Enforcement Department - Building/Work Permit	TBD
e. County agencies ☑Yes☐No	County Planning referral	TBD
f. Regional agencies ☐Yes☑No		
g. State agencies ☐Yes☑No		
h. Federal agencies ☐Yes☑No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes☑No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes☑No

If Yes, identify the plan(s):

_____

_____

_____

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☑No

If Yes, identify the plan(s):

_____

_____

_____

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
Business (B)

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Newburgh City School District

b. What police or other public protection forces serve the project site?
Newburgh Police Department, State Police Department

c. Which fire protection and emergency medical services serve the project site?
Cronomer Valley Fire Department

d. What parks serve the project site?
Chadwick Lake Park, Cronomer Hill Park, Algonquin Park, Tyrone Crabb Memorial Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Unmanned telecommunications facility

b. a. Total acreage of the site of the proposed action? 5.50 acres
b. Total acreage to be physically disturbed? 0.40 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 0.23 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
_____
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 2 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐ Yes ☑ No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☑ Yes ☐ No

If Yes,

i. Total number of structures 1 (tower)

ii. Dimensions (in feet) of largest proposed structure: 124' height; 5' width; and _____ length

iii. Approximate extent of building space to be heated or cooled: 0 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☑ No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify:

_____

iii. If other than water, identify the type of impounded/contained liquids and their source.

_____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

_____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☐ Yes ☑ No

If Yes:

i .What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

_____

_____

iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☐ No

If yes, describe. _____

_____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? ☐ Yes ☐ No

ix. Summarize site reclamation goals and plan: _____

_____

_____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☑ No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

_____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

_____

_____

_____

_____

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☐No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

_____

c. Will the proposed action use, or create a new demand for water? ☐Yes ☑No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐Yes ☐No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No
- Do existing lines serve the project site? ☐Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☐No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐Yes ☐No

If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

_____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐Yes ☑No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

_____

_____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐Yes ☐No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No

- Do existing sewer lines serve the project site? ☐Yes ☐No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes ☐No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☐No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐Yes ☑No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

_____

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes ☐No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

N/A

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

Construction equipment

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

N/A

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☑Yes ☐No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: Minimal increase in electrical power usage as necessary to operate the facility.

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): Local utility

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: 8am-5pm
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:

- Monday - Friday: 24 hours
- Saturday: 24 hours
- Sunday: 24 hours
- Holidays: 24 hours

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

During construction, noise associated with the operation of construction equipment

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: _____

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

One (1) switch operated LED light fixture attached to the h-frame at grade, designed to illuminate the area in and around the Verizon equipment only.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

_____

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☐ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☑ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.22	0.53	+0.31
• Forested	3.90	3.73	-0.17
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	1.40	1.09	-0.31
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.00	0.00	0.00
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

i. Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

_____

_____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐ Yes ☐ No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

_____

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☐ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 7+ feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site:

MdB	61.3 %
PtC	38.7 %
	%

d. What is the average depth to the water table on the project site? Average: 2+ feet

e. Drainage status of project site soils:

☐	Well Drained:	% of site
☑	Moderately Well Drained:	100 % of site
☐	Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes:

☑	0-10%:	100 % of site
☐	10-15%:	% of site
☐	15% or greater:	% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☑ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Freshwater Pond Approximate Size .22 Acre
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☑ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐ Yes ☑ No
If Yes:

i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site:

Rabbits	Squirrels	Skunks
Chipmunks	Oppossums	Foxes
Birds	Raccoons	Deer

n. Does the project site contain a designated significant natural community? ☐ Yes ☑ No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): _____

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐ Yes ☑ No

If Yes:

i. Species and listing (endangered or threatened): _____

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☑ No

If Yes:

i. Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No

If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☑ No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No

i. If Yes: acreage(s) on project site? _____

ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No

If Yes:

i. CEA name: _____

ii. Basis for designation: _____

iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☐ Yes ☑ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District

ii. Name: _____

iii. Brief description of attributes on which listing is based:

_____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☐ Yes ☑ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Chadwick Lake Park, Cronomer Hill Park, Algonquin Park, Tyrone Crabb Memorial Park

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): City of Newburgh Waterfront Trails

iii. Distance between project and resource: 4 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Steven Matthews, agent on behalf of applicant Date 5/16/23

Signature Steven Matthews Title Director of Engineering

PRINT FORM

EAF Mapper Summary Report

Monday, May 15, 2023 4:08 PM

Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No

E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No

Agency Use Only [If applicable]

Project :

Date :

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes"** to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No"** to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land

Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) ☐ NO ☐ YES

If "Yes", answer questions a - j. If "No", move on to Section 2.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☐	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☐	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☐	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☐	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☐	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☐	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☐	☐
h. Other impacts: _____ _____		☐	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☐ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____ _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☐ NO ☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☐	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☐	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☐	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	☐	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☐	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☐	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☐	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☐	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☐	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☐

l. Other impacts: _____ _____		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☐NO ☐YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	☐	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☐	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☐	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☐	☐
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☐	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☐	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☐	☐
h. Other impacts: _____ _____		☐	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐NO ☐YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☐	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☐	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☐	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☐	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☐	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☐	☐

g. Other impacts: _____ _____		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) ☐NO ☐YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____ _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐NO ☐YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☐	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☐	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☐	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☐	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☐	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☐	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☐	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	☐	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☐	☐
j. Other impacts: _____ _____		☐	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☐NO ☐YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	**No, or small impact may occur**	**Moderate to large impact may occur**
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

9. Impact on Aesthetic Resources

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

☐ NO ☐ YES

If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	☐ ☐	☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	☐ ☐	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____ _____		☐	☐

10. Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

☐ NO ☐ YES

If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☐	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☐	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☐	☐

d. Other impacts: _____ _____		☐	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☐	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☐ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☐	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☐	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☐	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☐	☐
e. Other impacts: _____ _____		☐	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☐ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☐	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☐	☐
c. Other impacts: _____ _____		☐	☐

13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. ☐ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____ _____		☐	☐

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. ☐ NO ☐ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☐	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☐	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☐	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☐	☐
e. Other Impacts: _____ _____		☐	☐

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☐ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☐	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☐	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☐	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☐	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☐	☐
f. Other impacts: _____ _____		☐	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☐ NO ☐ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☐	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☐	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☐	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☐	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☐	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☐	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☐	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☐	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☐	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☐	☐
m. Other impacts: _____ _____		☐	☐

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) ☐ NO ☐ YES

If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) ☐ NO ☐ YES

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Agency Use Only [IfApplicable]

Project :

Date :

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☐ Unlisted

Identify portions of EAF completed for this Project: ☐ Part 1 ☐ Part 2 ☐ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

_____

_____

_____

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ as lead agency that:

☐ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

_____

_____

_____

_____

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action:	
Name of Lead Agency:	
Name of Responsible Officer in Lead Agency:	
Title of Responsible Officer:	
Signature of Responsible Officer in Lead Agency:	Date:
Signature of Preparer (if different from Responsible Officer)	Date:

For Further Information:

Contact Person:

Address:

Telephone Number:

E-mail:

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

617.20
Appendix B
State Environmental Quality Review
VISUAL EAF ADDENDUM

This form may be used to provide additional information relating to Question 11 of Part 2 of the Full EAF.

(To be completed by Lead Agency)

Visibility

		Distance Between Project and Resource (in Miles)				
1.	Would the project be visible from:	0 - ¼	¼ - ½	½ - 3	3 - 5	5+
!	*A parcel of land which is dedicated to and available to the public for the use, enjoyment and appreciation of natural or man-made scenic qualities?*	☐	☐	☐	☐	☐
!	*An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities?*	☐	☐	☐	☐	☐
!	*A site or structure listed on the National or State Registers of Historic Places?*	☐	☐	☐	☐	☐
!	*State Parks?*	☐	☐	☐	☐	☐
!	*The State Forest Preserve?*	☐	☐	☐	☐	☐
!	*National Wildlife Refuges and State Game Refuges?*	☐	☐	☐	☐	☐
!	*National Natural Landmarks and other outstanding natural features?*	☐	☐	☐	☐	☐
!	*National Park Service lands?*	☐	☐	☐	☐	☐
!	*Rivers designated as National or State Wild, Scenic or Recreational?*	☐	☐	☐	☐	☐
!	*Any transportation corridor of high exposure, such as part of the Interstate System, or Amtrak?*	☐	☐	☐	☐	☐
!	*A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation?*	☐	☐	☐	☐	☐
!	*A site, area, lake, reservoir or highway designated as scenic?*	☐	☐	☐	☐	☐
!	*Municipal park, or designated open space?*	☐	☐	☐	☐	☐
!	*County road?* Fostertown Rd (CR-86)	☐	☐	☑	☐	☐
!	*State road?* N Plank Rd (NY-32). I-87	☐	☐	☑	☐	☐
!	*Local road?* Edgewood Dr, Michelle Dr, Jeanne Dr, Weyants Ln, New Rd	☐	☐	☑	☐	☐

2. *Is the visibility of the project seasonal? (i.e., screened by summer foliage, but visible during other seasons)*

☐ *Yes* ☑ *No*

3. *Are any of the resources checked in question 1 used by the public during the time of year during which the project will be visible?*

☑ *Yes* ☐ *No*

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

4. From each item checked in question 1, check those which generally describe the surrounding environment.

	Within *¼ mile	Within *1 mile
Essentially undeveloped	☐	☐
Forested	☐	☑
Agricultural	☐	☐
Suburban Residential	☐	☑
Industrial	☐	☐
Commerical	☐	☑
Urban	☐	☐
River, Lake, Pond	☑	☐
Cliffs, Overlooks	☐	☐
Designated Open Space	☐	☐
Flat	☐	☐
Hilly	☐	☑
Mountainous	☐	☐
Other	☐	☐

***NOTE:** add attachments as needed*

5. Are there visually similar projects within:

½ mile ☐ Yes ☑ No 1 mile ☐ Yes ☑ No 2 miles ☐ Yes ☑ No 3 miles ☑ Yes ☐ No

**Distance from project site is provided for assistance. Substitute other distances as appropriate.*

EXPOSURE

6. The annual number of viewers likely to observe the proposed project is 1.5 M *?*

***NOTE:** When user data is unavailable or unknown, use best estimate.*

CONTEXT

7. The situation or activity in which the viewers are engaged while viewing the proposed action is:

	FREQUENCY			
Activity	***Daily***	***Weekly***	***Holidays/ Weekends***	***Seasonally***
Travel to and from work	◉	○	○	○
Involved in recreational activities	○	○	○	○
Routine travel by residents	◉	○	○	○
At a residence	◉	○	○	○
At worksite	◉	○	○	○
Other _____	○	○	○	○

Reset

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Verizon Wireless
1275 John Street, Suite #100
West Henrietta, NY 14586
ATTN: Ms. Kathy Pomponio

May 23, 2023

RE: STRUCTURAL/GROUNDING LETTER
PROPOSED TELECOMMUNICATIONS FACILITY
VERIZON WIRELESS SITE: CRONOMER HILL
248 N PLANK RD, TOWN OF NEWBURGH, ORANGE COUNTY, NY 12550
TECTONIC W.O. 11272.069

Dear Ms. Pomponio:

Verizon Wireless is proposing a telecommunication facility at the above referenced address. The site includes the installation of a Verizon Wireless antenna array at a centerline height of 116' above ground level (AGL) on a 120' monopole (124' including the 4' lightning rod). The monopole will be designed to accommodate antenna arrays for three (3) additional carriers in addition to the proposed Verizon Wireless installation. The structural loading for each future carrier will include twelve (12) panel antennas along with remote radio units and other related equipment. The make, model, and manufacturer of the proposed monopole will be provided as part of the construction documents to be submitted for the building permit application.

For the purpose of structural design of the monopole, foundation and antenna supports, the most stringent criteria of the 2020 Building Code of New York State and ANSI/TIA-222-H-2017 "Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures" will be applied. The proposed installation will be designed by a New York State licensed professional engineer and will meet all of the above listed criteria. The monopole will be designed to resist overturning, shear, and all other failure modes. The monopole will be designed with a break point near the mid-point of the pole so that, in the event of a failure, the monopole will fall within a fall zone setback of 64'.

For the purpose of lightning protection, the tower, antennas, cabling, ground equipment, utility equipment, fencing, and all related objects will be grounded in accordance with the NEC/NFPA 780, ANSI/TIA-222-H-2017, and all other applicable local, state, and federal standards.

Should you have any questions, please do not hesitate to contact me.

Sincerely,
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.

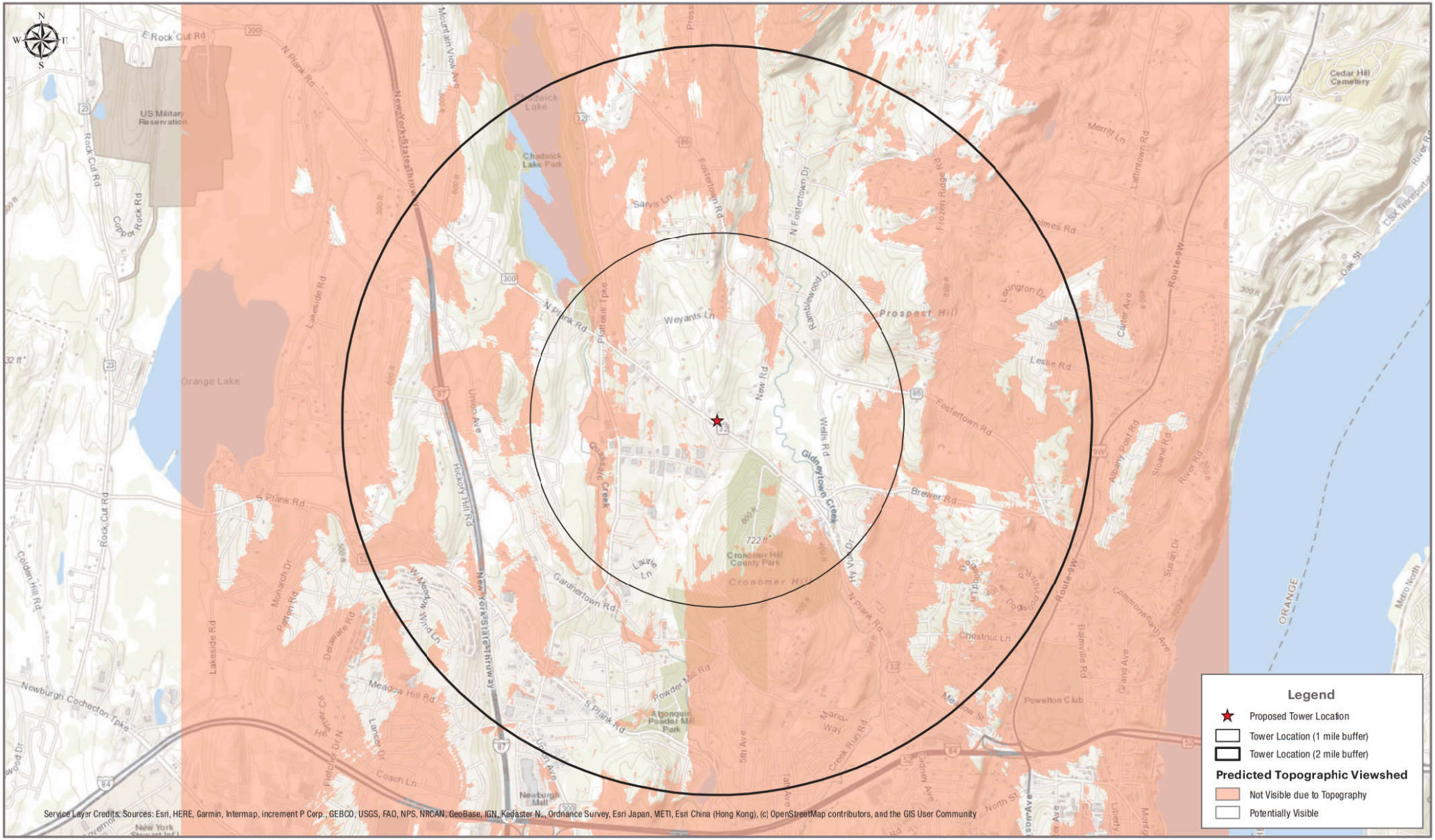
Steven M. Matthews, PE
Director of Engineering

STATE OF NEW YORK
STEVEN M. MATTHEWS
087507
LICENSED PROFESSIONAL ENGINEER

Latham Office

36 British American Boulevard, Suite 101 | Latham, NY 12110
518.783.1630 Tel | 518.783.1544 Fax

tectonicengineering.com
Equal Opportunity Employer



Tectonic

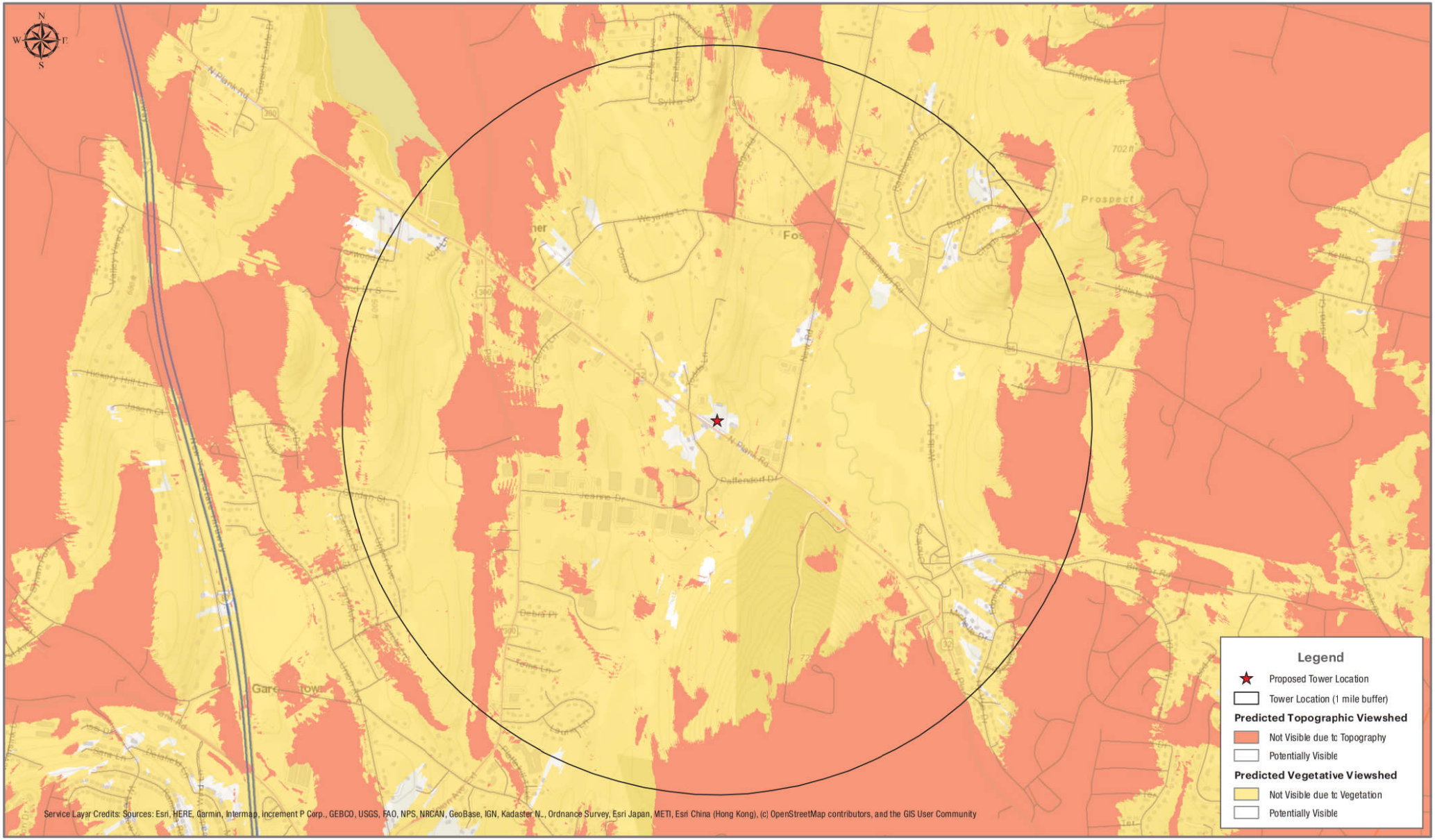
120ft Tower

Cronomer Hill
N Plank Road
Newburg, NY 12550

0 0.25 0.5 1 Miles

Computer Generated Viewshed Map

11272.069



Tectonic

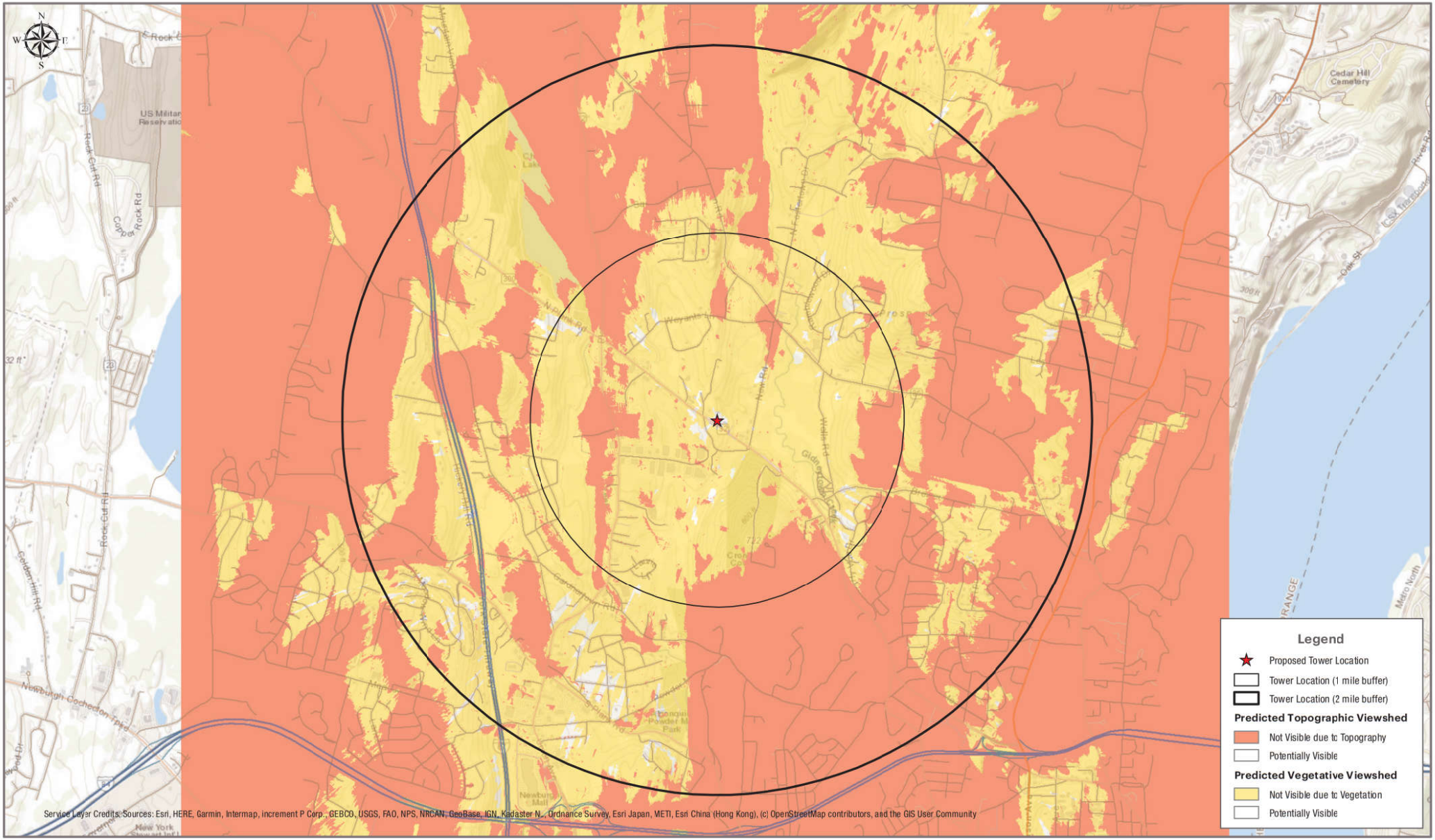
120ft Tower
Assumptions: Forests: 60ft; Woody Wetlands: 20ft
Development: 30ft

Cronomer Hill
N Plank Road
Newburg, NY 12550

0 0.125 0.25 0.5 Miles

Computer Generated Viewshed Map

11272.069



Tectonic

120ft Tower
Assumptions: Forests: 60ft; Woody Wetlands: 20ft
Development: 30ft

Cronomer HIll
N Plank Road
Newburg, NY 12550

0 0.25 0.5 1 Miles

Computer Generated Viewshed Map

11272.069

TOWAIR Determination Results

A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

PASS SLOPE(100:1)NO FAA REQ - 5246.0 Meters (17211.0 Feet)away & below slope by 6.0 Meters (19.68 Feet)

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-30-26.00N	074-05-18.00W	NEW YORK STEWART INTL	ORANGE NEW YORK, NY	133.3	3601.8000000000002

PASS SLOPE(100:1)NO FAA REQ - 5648.0 Meters (18529.9 Feet)away & below slope by 10.0 Meters (32.8100 Feet)

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-30-40.00N	074-06-5.00W	NEW YORK STEWART INTL	ORANGE NEW YORK, NY	133.3	3601.8000000000002

Your Specifications

NAD83 Coordinates

Latitude	41-32-43.9 north
Longitude	074-03-05.6 west

Measurements (Meters)

Overall Structure Height (AGL)	37.8
Support Structure Height (AGL)	36.6
Site Elevation (AMSL)	141.9

Structure Type

MTOWER - Monopole

Tower Construction Notifications
Notify Tribes and Historic Preservation Officers of your plans to build a tower.

CLOSE WINDOW