



Adirondack
Park Agency

RECEIVED

Date: March 19, 2026

VISUAL RESOURCE EVALUATION

PROPOSED 105' TALL TELECOMMUNICATIONS STRUCTURE SITE NAME: BALSAM CREST

**State Route 9,
Town of Warrensburg,
Warren County
New York, 12817**

Submitted by:

verizon

1275 John Street, Suite 100
West Henrietta, NY 14586

Prepared by:

Tectonic

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February 25, 2026

VISUAL RESOURCE EVALUATION

Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C., was contracted by Verizon Wireless to conduct a "Visual Resource Evaluation" to determine which areas within the Town of Warrensburg will contain views of the proposed 105-foot-tall wireless telecommunications structure.

Setting:

The proposed site is about 2.5 miles east of the Hudson River and 425 feet northeast of the NY-9/Old Route intersection in Warrensburg, Warren County, New York. The area is heavily forested and sparsely populated, with several small ponds and lakes within 2 miles. Vegetation consists mainly of mixed deciduous and coniferous forest with a 50–80-foot canopy. The visual resource field study was conducted in winter under full leaf-off conditions.

Methodology:

On Monday February 4, 2026, Tectonic conducted a field investigation for the purpose of evaluating the viewshed associated with the proposed installation of the 105-foot tower. Conditions were partly cloudy with a temperature of approximately 18°, and with wind speeds of approximately 5-8 mph. The study area consisted of a 1/2-mile radius from the project site.

The methodology utilized during this field investigation is referred to as a "balloon test." The height of the proposed structure was simulated by floating two 4' diameter, helium-filled weather balloons at 105-feet and 120-feet above ground level (AGL). The balloons provided reference points for height as well as location and also provides a known dimension that later aids in the production of photo simulations.

Prior to the field study, Tectonic assessed the potential visibility in the study area by creating desktop viewshed maps using ESRI ArcGIS Desktop 10.8 in conjunction with a USGS 7.5 Minute Series Topographic Quadrangles Map and aerial base maps and street maps. A viewshed map was created delineating areas where visibility would be blocked by topography and areas where visibility would be blocked by vegetation.

Tectonic drove the study area to confirm the potential visibility of the structure. During the "in field" review the participants reviewed and documented those areas from which views of the structure may be "visible" and those which are blocked by topography and vegetation. The resulting data from this analysis was reviewed and referenced on the "Photo Log" and "Viewshed Map" attached. The colors on the map delineate which areas have a line of sight to the structure. The viewshed analysis shows that parts of the proposed structure will be visible from NY-9 for about a quarter mile.

Photographs were taken from various vantage points within the study area to document the actual view towards the proposed structure, as well as the general character of the viewshed. Each photograph attached includes a brief description of the location and orientation from which it was taken, and the photo number corresponds to the key number on the photo log map.

Process:

For the photo documentation, Tectonic used a Nikon D5300 digital camera with a 24-megapixel sensor. The camera has a 1.5x crop factor, so we selected a 35mm focal length lens to achieve an effective field of view equivalent to 55mm. This setting was chosen to closely replicate the perspective of the human eye from each viewpoint. Corresponding photos were also taken at a focal length of 56mm (85mm with 1.5 crop factor) at the request of the Adirondack Park Association (APA).

To analyze the potential visual impacts of the proposed structure, Tectonic photographed marker balloons from various locations within the search area to create visual simulations. Corresponding simulated views (#1, #2, and #3) for a structure height of 105 feet were produced. This process involved first photographing an existing, similar structure, then photographing views toward the proposed site where marker balloons were set at heights of 105 and 120 feet above ground level (AGL). The digital images of the balloons and the similar structure were then merged and accurately scaled using image-editing software.

Through this process, the structure is scaled to the correct height and width by using measurements from the marker balloons. The similar type of structure used has an antenna array that spans eight feet (8'). By measuring the balloon width of four feet (4'), one can determine the proper width of the antenna array by multiplying the balloon width by a factor of two. The composite is then printed out to a PDF file, producing the final image.

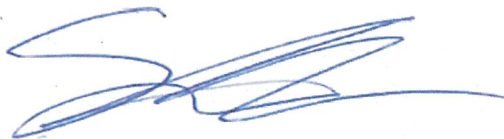
We note that the simulations provided are artistic renderings of views from chosen locations and should not be interpreted to be the actual view of the tower following construction. While we utilize best efforts to simulate the view of the proposed tower from a particular location, some variance between simulations, manufacturer products and final installed towers is to be expected.

Conclusion:

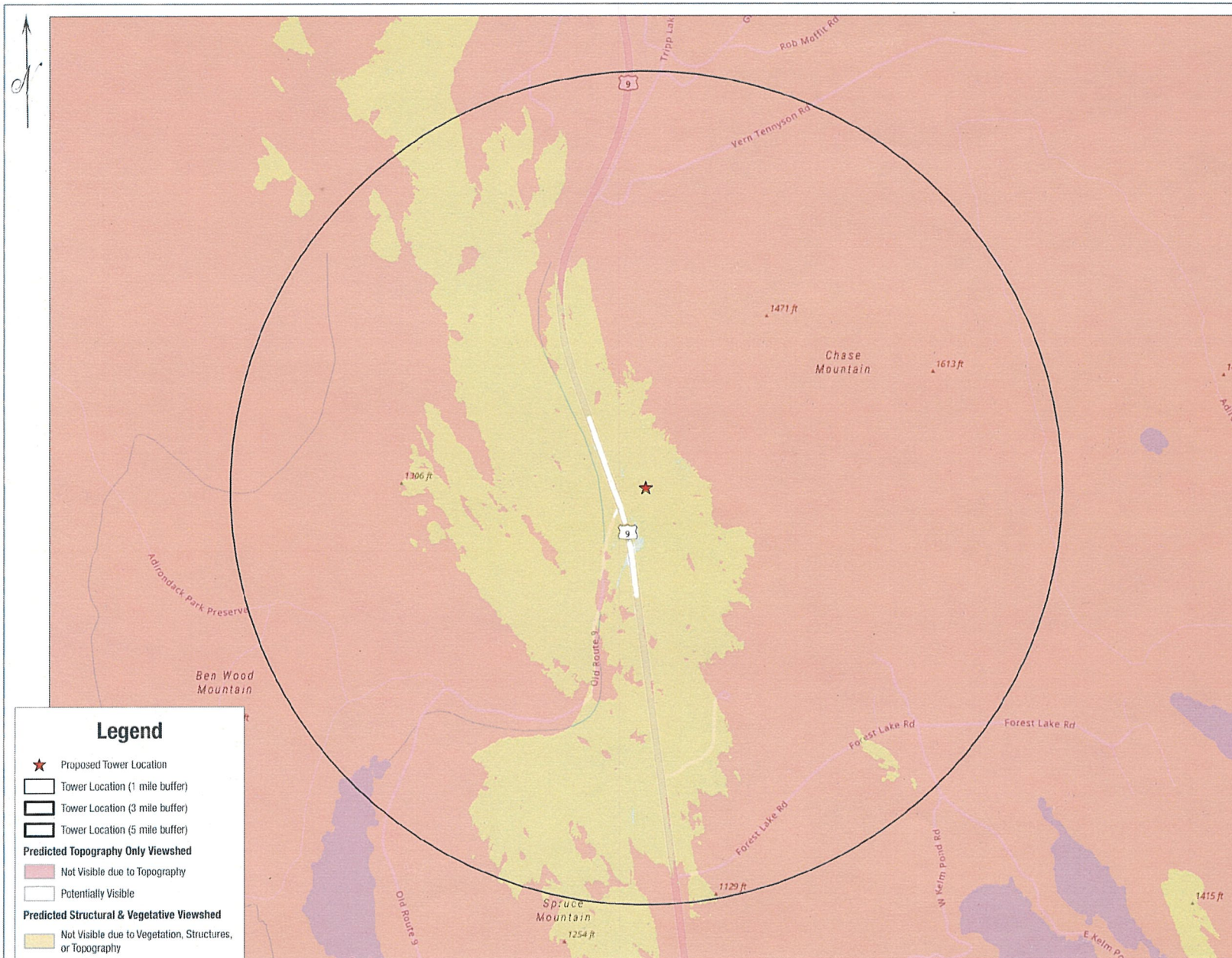
The Viewshed Analysis Map presents a conservative delineation of the viewshed within the study area along public roadways. The photo slides have been prepared per the methodology described above and provide a general depiction of the appearance of the structure from the photographed viewpoints.

Sincerely,

TECTONIC ENGINEERING CONSULTANTS, GEOLOGISTS & LAND SURVEYORS, D.P.C.

A handwritten signature in blue ink, appearing to read 'S. Matthews', with a stylized, flowing script.

Steven M. Matthews, PE
Managing Director - Engineering



Legend

- ★ Proposed Tower Location
- Tower Location (1 mile buffer)
- Tower Location (3 mile buffer)
- Tower Location (5 mile buffer)
- Predicted Topography Only Viewshed**
 - Not Visible due to Topography
 - Potentially Visible
- Predicted Structural & Vegetative Viewshed**
 - Not Visible due to Vegetation, Structures, or Topography
 - Potentially Visible

Tectonic

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

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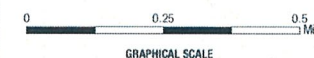
WD NUMBER

12860.029

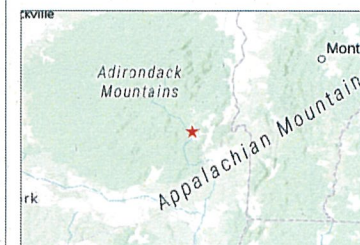
DRAWN BY

DMP

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on the ground survey and represents only the approximate relative location of property boundaries.



GRAPHICAL SCALE



SITE NAME

**Balsam Crest
State Route 9
Warrensburg, NY 12817**

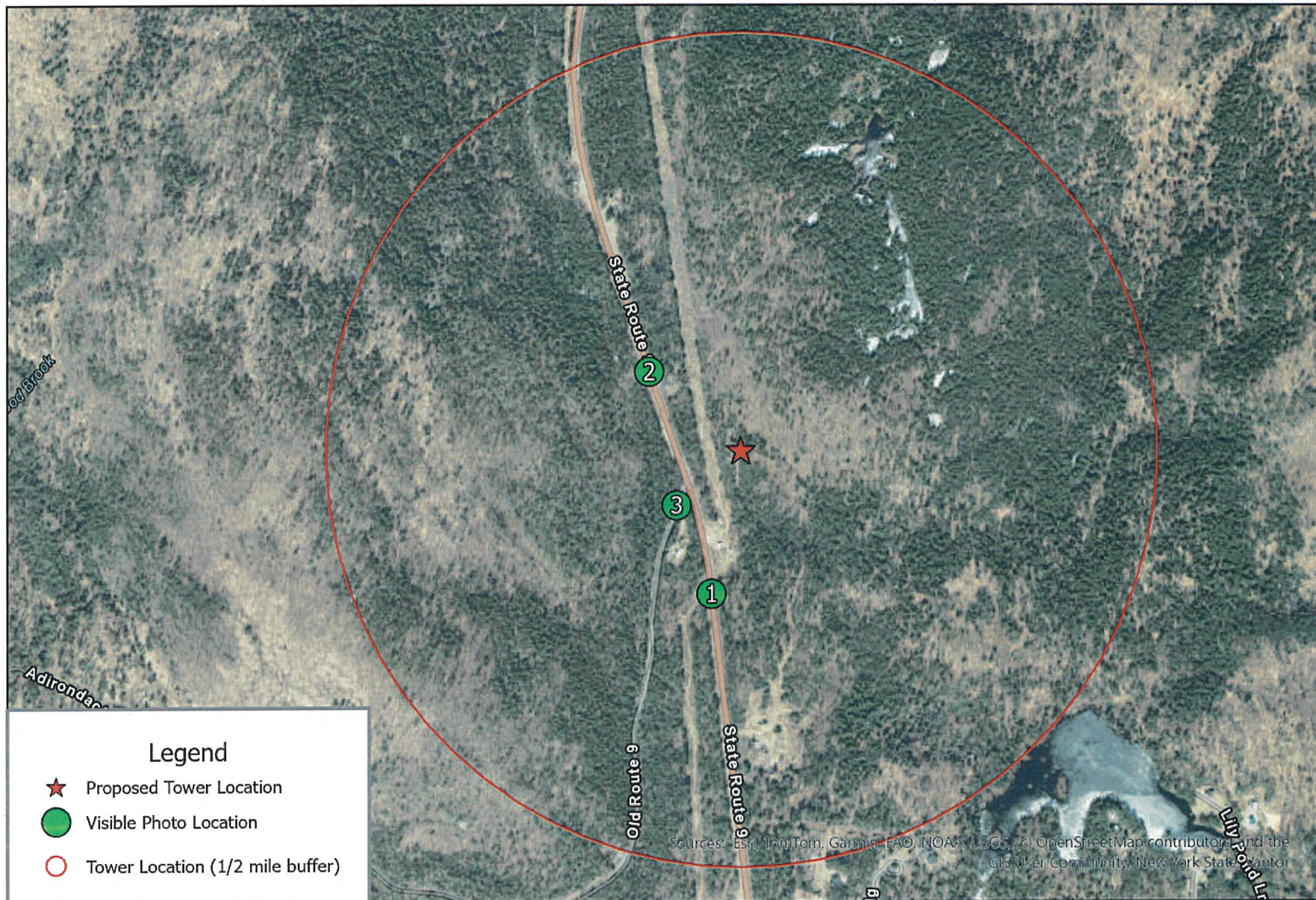
SHEET NAME

**Field Verified
Viewshed Map**

SHEET NUMBER

VSM

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors and the GIS User Community, Esri, USGS





Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Looking Northwest from along NY-9, just south of the proposed site.
The proposed 105' Monopole will be visible from this location.

Distance from the photographic location to the proposed site is 0.24 miles±

55mm P-1

12860.029







Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Looking Northwest from along NY-9, just south of the proposed site.
The proposed 105' Monopole will be visible from this location.

Distance from the photographic location to the proposed site is 0.24 miles±

85mm S-1

12860.029





Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Looking Southwest from #5154 NY-9.
The proposed 105' Monopole will be partially visible from this location.

Distance from the photographic location to the proposed site is 0.20 miles±

55mm S-2

12860.029

